

Title: Catalogue of the papers and correspondence of Nicholas Kurti FRS (1908-1998), physicist

Compiled by: Anna-K. Mayer, Peter Harper and Timothy E. Powell

Date of material: 1880-2007

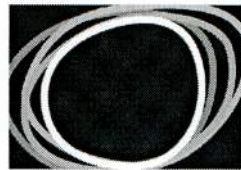
Extent of material: ca 4,400 items

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## GENERAL INTRODUCTION

### PROVENANCE

The papers were received from the Clarendon Laboratory, Oxford, on 17 September 2001 and from Mrs Georgiana Kurti, widow of Nicholas Kurti, on 23 April 2007 and 30 August 2008.

### OUTLINE OF THE CAREER OF NICHOLAS KURTI

Nicholas Kurti was born Kürti Miklós Mór in Budapest, Hungary, on 14 May 1908. He received his secondary education at the Trefort Utcai ('Tretford Street') Gimnázium, better known as the Minta ('Model') Gimnázium, a small secondary school under the control of the university rather than the Hungarian Ministry of Education. The Minta Gimnázium was famous for a number of alumni of Kurti's generation who gained international reputations, among them the economist Nicholas Kaldor and the theoretical physicist Edward Teller. Like Kurti, they came from a Jewish background and pursued international avenues in their higher education. Kurti himself chose the Sorbonne in Paris, where he studied applied physics from 1926 to 1928, and the University of Berlin, where he attended the lectures of such luminaries of quantum physics as Max Planck, Erwin Schrödinger, Max von Laue and Eugen Wigner (later 'Wigner'). Eventually Kurti settled on a topic in low-temperature physics for his doctoral project under Franz (later Sir Francis) Simon, completing a thesis on thermal and magnetic properties of gadolinium sulphate in 1931 (*Magnetkalorische und kalorimetrische Untersuchungen zwischen 2° and 20° abs.* (Leipzig, 1933)). Soon after he joined Simon as a technical assistant at the Technische Hochschule in Breslau (now Wrocław), where Simon had been appointed to a chair in physical chemistry. By September 1933 he found himself at the Clarendon Laboratory in Oxford, having followed Simon again, this time also to evade the anti-Semitic agenda of Nazi Germany. The various names by which he went during this decade reflect this itinerary: in Paris 'Miklós Mór' became 'Nicolas Maurice', in Berlin he dropped his middle name and adopted the Germanised 'Nikolaus', while in Oxford he went by 'Nicholas'. With his naturalisation just before the outbreak of the Second World War the *Umlaut* followed the middle name and he became Nicholas Kurti.

At Oxford, Kurti worked within the new low-temperature research programme that Simon initiated with the aid of a new helium liquefier and several other German Jewish refugees, among them his other Breslau assistant Kurt Mendelssohn and the brothers Fritz and Heinz London, who were working on the theory of superconductivity. These activities gained the Clarendon Laboratory an international reputation in cryogenics. Kurti specifically developed new magnetic cooling techniques and conducted experiments designed to determine properties that had previously eluded physical investigation. Between 1935 and 1938 he accompanied Simon on several visits to the Laboratoire du Grand Électroaimant at Bellevue, France, to carry out experiments on adiabatic demagnetisation with the



magnet that produced the highest field then available in Europe. This work helped them, together with P. Lainé, to establish the thermodynamic temperature scale down to 0.02 K.

The outbreak of the Second World War diverted the physicists of the Clarendon Laboratory into war work. Kurti first designed a magnet for removing shrapnel, then became involved with the Tube Alloys (British atom bomb) project. By the summer of 1940 the Oxford team was in charge of research on the development of gaseous diffusion for separating uranium-235 from raw uranium ore. Kurti worked on metal foil membranes whose pores would allow molecules containing uranium-235 to diffuse at a greater rate than those containing uranium-238. Similar work went on in the United States at the time and by 1943 Kurti accompanied a mission to the US to join the Manhattan Project. When the mission returned in 1944 he stayed behind at Columbia University, New York, to set up membrane testers along lines that had proved successful in Oxford. Testing at Columbia was carried out in collaboration with the Kellogg Corporation, which was responsible for building the uranium enrichment plant. At this time Kurti became one of many whom the American military falsely suspected of espionage.

After the end of the war Kurti returned to Oxford, where he was appointed university demonstrator in physics (a post that involved lecturing and supervising undergraduates in practical work) and elected a Senior Research Fellow at Brasenose College (1947). He resumed his research in low-temperature physics, developing techniques that allowed for experimentation at temperatures approaching absolute zero. By 1949 the facilities at the Clarendon Laboratory included a 2MW DC generator that enabled him, together with a team of academic and technical staff and postgraduate students, to explore 'the application of high magnetic fields to quantum physics, the thermodynamic properties of paramagnetic salts, nuclear orientation with all its facets of nuclear physics (including proof of the non-conservation of parity in beta decay), and nuclear thermometry.'<sup>1</sup> The Clarendon Laboratory made the headlines in 1956, when it was dubbed 'the coldest spot on Earth' following successful adiabatic demagnetisation experiments with cooling down to temperatures between one and two millionths of a degree kelvin. Kurti was promoted to Reader in 1960, and to a personal Chair in 1967. By the time of his retirement in 1975, one of his obituarists wrote, 'his elegant and original experimental methods of attaining extremely low temperatures were taken up by laboratories throughout the world.'<sup>2</sup>

One of Kurti's enduring interests aside from low-temperature physics lay in the culinary realm and specifically in 'gastrophysics', the physics underlying cooking techniques. This led him to experiment variously with meringues baked under vacuum, the reverse baked Alaska (frozen on the outside, but hot on the inside), meat tenderisation by judicious injections with pineapple juice and methods of soft boiling eggs so they would be free from the risk of salmonella. Gastrophysics earned Kurti national and international attention, notably an honorary membership in the Fachverband Deutscher Köche

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<sup>1</sup> *DNB*, vol. 32 (2004).

<sup>2</sup> A. Tucker, 'Nicholas Kurti: The last word in cool', *Guardian*, 28 November 1998.

('Association of German Cooks') and numerous invitations to perform his culinary experiments at physics departments throughout the world and even for television.

Kurti received numerous honours and awards during his long life. He was a Fellow of the Royal Society (1956), Foreign Member of the American Academy of Arts and Sciences (1968), Honorary Member of the Hungarian Academy of Sciences (1970), Member of the Akademie der Wissenschaften der Deutschen Demokratischen Republik (1976), and Emeritus Member of the Academia Europaea (1990). In 1955 he was awarded the Holweck Prize of the Physical Societies of Paris and London, and the Royal Society's Hughes Medal in 1969. He was made CBE (1973), Chevalier de la Légion d'Honneur (1976) and in 1988 received the Hungarian Order of the Star.

Kurti served on the Council of the Royal Society, 1964-1967, the last two years as Vice-President. For 1969-1973 he was a Member of Council of the Institute of Physics and Physical Society. He served in various capacities a number of government agencies and international organisations, including as Chairman of the Advisory Committee for Research on Measurements and Standards, Department of Trade and Industry, 1969-1973, Treasurer of the International Council of Scientific Unions' Committee on Data for Science and Technology (CODATA) 1974-1980, and Editor-in Chief of *Europhysics Letters* 1985-1989. Kurti was a Member of the Joint Committee on Scientific and Technical Records of the Royal Society and the Royal Commission on Historical Manuscripts from its inception in 1967 to 1976, becoming Chairman in 1970. One of the principal accomplishment of the Joint Committee was the establishment of the Contemporary Scientific Archives Centre in Oxford, now the NCUACS in Bath.

Kurti's invitation lectures included the May Lecture at the Institute of Metals (1963), the Kelvin Lecture at the Institute of Electrical Engineers (1971), the Larmour Lecture at The Queen's University, Belfast (1975), the Cherwell-Simon Lecture at the University of Oxford (1977) and the Tyndall Lecture, Institute of Physics (1980).

In 1946 he married Georgiana ('Giana') Shipley. They had two daughters, Susannah and Camilla. He died on 24 November 1998.

For a full account of Kurti's life and work see 'Nicholas Kurti, CBE, 14 May 1908-24 November 1998' by J.H. Sanders, *Biographical Memoirs of Fellows of the Royal Society*, vol. 46 (2000), pp. 300-315. For another account that utilizes in particular conversations with Kurti and his reminiscences in the Hungarian journal *Fizikai Szemle*, see 'Kürti Miklós-Nicholas Kurti: A Short Biography (1908-1998)', by Gábor Palló, *Heavy Ion Physics*, vol. 10 (1999), pp. 1-9.



## DESCRIPTION OF THE COLLECTION

Section A, Biographical, is substantial, comprising obituaries and tributes, autobiographical writings and biographical articles, diaries and jotters, documentation of career, honours and awards, and family correspondence. The diaries are Oxford University Pocket Diaries, 1953-1997, while the jotters provide a more informal record including travel arrangements, bibliographical references, notes on meetings, discussions with colleagues, research notes etc., c.1960-c.1996. Documentation of Kurti's career, honours and awards begins with his birth certificate and includes records of his undergraduate studies in Paris, 1926-1927, papers relating to Hungarian citizenship and British naturalisation and his Oxford appointments. There is family and personal correspondence in Hungarian from 1931 to 1970 and the letters Kurti wrote to his wife when he was away from Oxford on visits and attending conferences, 1953-1988. There are also miscellaneous biographical items of great variety including passports, scrapbook, theatre programmes, 'old engagements (menus) etc', 'British Rail' and science and cookery.

Section B, University of Oxford, papers principally relate to the Clarendon Laboratory/Department of Physics, including equipment and facilities, research funding and reports, researchers, visitors, teaching (predominantly notes and drafts for Kurti's lectures on thermodynamics and statistical mechanics) and the Cherwell-Simon Memorial Lecture (establishment and arrangements). There is some material relating to central university administration (correspondence with Registry and Vice-Chancellors) and a more extensive record relating to Kurti's College Brasenose (correspondence with principals and bursars etc).

Section C, Research, offers a significant record of Kurti's research, c.1931-1987. This includes a sequence of notebooks which begins in 1932 when Kurti was still in Germany, continues in German for his first years in Oxford and goes on to cover Second World War and postwar research. The notebooks are used for experimental results, analysis of results, calibrations, testing of equipment, diagrams and sketches of equipment, etc. There is also a sequence of research folders containing notes, drafts, data, reports etc, 1943-1972. Topics include 'Tube Alloys', general low temperature physics, magnetic cooling and heat transfer experiments.

Section D, Science-related interests, brings together material relating to topics in which Kurti maintained a keen and active interest but which were not central to his research activities. The topics are cryobiology, energy, history of science, pollution, salmonella and university-industry relations. The largest body of material relates to the history of science, and includes such topics as the German wartime atomic bomb, Hungarian émigré scientists and the Royal Society motto 'Nullius in verba', and to individual scientists including Hermann von Helmholtz, H.G.J. Moseley and Erwin Schrödinger.

Section E, Publications, includes drafts, book reviews, offprints and editorial correspondence. Drafts of Kurti's publications cover the period 1956-1997, including his memoirs of Sir Francis Simon and L.F. Bates, and extensive documentation of his 1988 book *But the Crackling is Superb*, edited with his wife. There is editorial correspondence including the journal *Europhysics Letters* (editor-in-chief in the 1980s), and a set of offprints of his scientific papers. In addition, there is a series of 'letters to the media' that extends over more than four decades (1956-1998), consisting of his responses to news items, articles, broadcasts, other people's letters to the press, etc. Kurti routinely targeted editors of national newspapers, and of scientific magazines such as the *New Scientist* and *Physics Today*. Sometimes his letters sparked off more extensive exchanges that could continue for weeks or even months. Included among the themes Kurti often revisited were 'atrocities committed against the English language', gastrophysics, the Farm Hall transcripts of secret recordings of German nuclear physicists made at the end of the Second World War, and the promises of Combined Heat and Power schemes as a solution to energy problems.

Section F, Lectures, offers a substantial sequence of manuscript notes, drafts, illustrative material and background papers for Kurti's public and invitation lectures to a great variety of audiences in the United Kingdom and overseas from the 1950s to 1997. Topics include low temperature physics and physics and cookery and include such prominent occasions as Kurti's 1969 Royal Institution Friday Evening Discourse 'The Physicist in the Kitchen', his 1971 Institution of Electrical Engineers Kelvin Lecture 'From Microkelvin to Megakelvin Temperatures', his 1972 British Association Physics Section Presidential Address 'Physics and Happiness – A Balance Sheet' and his 1977 Cherwell-Simon Memorial Lecture at Oxford 'La Temperature n'est qu'une Sensation (Amédée Guillet, 1927)'. There is also material relating to a number of broadcasts by Kurti on low temperatures and physics and cookery.

Section G, Visits and conferences, spans the period 1946 to 1998. It brings together Kurti's diverse interests documenting attendance at conferences and meetings on low temperature physics - including the International Low Temperature Conferences and the International Cryogenic Engineering Conferences, superconductivity, and the use and storage of energy. Kurti's culinary interests are well-represented, particularly by the regular Oxford Symposia on Food and Cookery held at St Antony's College Oxford 1980-1998 and the International Workshops on Molecular and Physical Gastronomy. Kurti's extensive travelling to the USA and to Europe (especially notable for his continuing contacts with Hungary) includes his sabbatical year 1963-1964 and his summer 1971 'World Trip'.

Section H, Societies and organisations, is very large. There is a substantial record of Kurti's involvement with forty-seven British and international societies and organisations. The bulk of the material relates to Kurti's scientific interests in low temperature physics, energy supply and use,



magnetism, and so on. UK bodies represented include the British Cryogenics Council (Kurti served on Committee B 'The Future of Cryogenics'); the Department for Scientific and Industrial Research and its successor body the Science Research Council, the documentation including the Cryogenic Equipment Panel, Physics Committee and Data Compilation Committee, and UK efforts in High Magnetic Field projects 1960-1989; the Electricity Supply Research Council on which Kurti served 1960-1979; the Institute of Physics, including its Low Temperature Group; the Low Temperature Biology Club (later Society for Low Temperature Biology); the National Research Development Corporation (particularly relating to the supply and uses of liquid helium and hydrogen and developments in cryogenic engineering); and the Royal Society, including Kurti's service on the British National Committee on Data for Science and Technology 1966-1983, International Relations Committee 1966-1987 and Committee on Scientific Information, 1965-1978. Among the international organisations documented are the Institut International du Froid (IIF) including documentation of International Congresses of Refrigeration and the UK Standing Committee on the IIF, and the Committee on Data for Science and Technology (CODATA) of the International Council of Scientific Unions, 1966-1994. Kurti joined as the delegate of the International Union of Pure and Applied Physics in 1973, becoming Treasurer 1974-1980. His involvement with the International Cultural Foundation (ICF) supported by the Unification Church is also documented. Kurti attended the ICF's International Conferences on the Unity of the Sciences 1972-1996; the material not only includes conference papers but also correspondence relating to controversy surrounding the activities of the Unification Church.

Section J, Correspondence, represents one of the most important components of the archive. It is presented in a number of sequences beginning with an alphabetical series labelled '1950s' but in fact extending back to 1942. From 1962 to his death there is a comprehensive record of Kurti's outgoing correspondence in the form of carbon copies of letters sent. For the period 1962-1977 the correspondence was organised alphabetically, but it was continued up to his death in chronological sequence. These letters cover all topics and are by no means restricted to scientific, university or professional matters. There is also an alphabetical sequence of Kurti's 'personal' correspondence, 1944-1997. The 'personal' correspondence includes letters of congratulation, condolence, on retirement of colleagues, a great variety of social occasions, Hungarian connexions, representations about service levels of public and commercial bodies and correspondence with colleagues and others about a wide range of Kurti's scientific, science-related and non-scientific interests including energy matters, history of science and archives, cookery, music etc. A large body of miscellaneous correspondence was found unordered by Kurti and is presented here in a single chronological sequence. It covers a similar time span and diversity of topics as Kurti's 'personal' correspondence but was not designated by him as such.



Section K, Non-textual media, includes photographs, photographic slides and transparencies for illustrating lectures, original films from the Clarendon Laboratory, including demonstrations of low temperature physics, video and audiotapes including presentations by Kurti and interviews of him.

There is also a substantial index of correspondents. However, it should be used with caution since time constraints precluded the compilers indexing as comprehensively as they would have wished.

Anna-K. Mayer

Peter Harper

Bath, 2008

<b>SECTION A</b>	<b>BIOGRAPHICAL, A.1-A.286</b>	<b>1891-2007</b>
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A.1-A.10	OBITUARIES AND TRIBUTES
A.11-A.35	AUTOBIOGRAPHICAL AND BIOGRAPHICAL
A.36-A.108	DIARIES AND JOTTERS
A.109-A.150	CAREER, HONOURS AND AWARDS
A.151-A.198	FAMILY
A.199-A.210	FINANCIAL AND IDENTITY DOCUMENTS
A.211-A.286	MISCELLANEOUS BIOGRAPHICAL ITEMS

<b>A.1-A.10</b>	<b>OBITUARIES AND TRIBUTES</b>	<b>1998-2006</b>
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A.1	<i>The Times</i> , 27 November 1998 <i>The Independent</i> , 27 November 1998. By M.J.M. Leask <i>The Guardian</i> , 28 November 1998. By Anthony Tucker <i>Daily Telegraph</i> , 4 December 1998	1998
A.2	<i>Nature</i> , 17 December 1998. By W. Graham Richards <i>Physics World</i> , February 1999. By John Sanders <i>Beyond the Terrace</i> , The Newsletter of the RS Pensioners' Association, April/May 1999	1998, 1999
A.3	<i>Bulletin de la S.F.P.</i> (119) mai 1999. By Hervé This <i>Physics World</i> , June 1999. By Ralph Scurlock <i>[Oxford] Gazette</i> , n.d.	1999, n.d.

**Biographical, A.1-A.286**

- |     |   |           |
|-----|---|-----------|
| A.4 | <p>'A celebration of the life of Nicholas Kurti', <i>Interdisciplinary Science Reviews</i>, 24, June 1999, pp81-104</p> <p>The celebration comprises contributions from Ralph Scurlock 'The Clarendon Years', John Peach 'Brasenose College', Erwin Hahn 'American connections', Tony Blake 'Science and gastronomy', Kati Evans 'Hungary' and George Marx 'Nicholas Kurti returns to Hungary'.</p>   | 1999      |
| A.5 | <p>'Nicholas Kurti in memoriam', <i>Physica B: Condensed Matter</i> 280 (2000) 1-3. By Olli V. Lounasmaa</p>  | 2000      |
| A.6 | <p>Correspondence to Giana Kurti</p> <p>Invitation (accepted) from the President of the Hungarian Academy of Sciences to organise an official funeral and the placing of 'the world-famous Professor's mortal remains in the National Pantheon in Budapest'.</p> <p>Letter from J. Morrell <i>re</i> personal matters, Kurti's archives.</p> <p>The official funeral took place on 14 May 1999 when R.A. Cowley gave a talk at the Hungarian Academy of Sciences (see A.7).</p> | 1999      |
| A.7 | <p>'Nicholas Kurti at the Clarendon Laboratory', talk given by R.A. Cowley at the Hungarian Academy of Sciences, 14 May 1999</p>  |           |
| A.8 | <p>Opening of the Nicholas Kurti Magnetic Field Laboratory, 26 April 2002</p> <p>Programme, invitation, guest list etc.</p> <p>Letter from R.A. Cowley, 21 March 2002, <i>re</i> arrangements for opening. Also enclosed draft statutes <i>re</i> Mrs Kurti's gift of a Nicholas Kurti Prize Fund.</p> <p>The opening was performed by Mrs G. Kurti.</p>  | 2002      |
| A.9 | <p>Nicholas Kurti Prize Fund</p> <p>Correspondence and papers.</p>  | 2001-2006 |

**Biographical, A.1-A.286**

- |                  |  |                         |
|------------------|--|-------------------------|
| A.10             | Article on Nicholas Kurti from <i>Oxford Dictionary of National Biography</i> . By Ralph Scurlock  | 2004                    |
|                  |  |                         |
| <b>A.11-A.35</b> | <b>AUTOBIOGRAPHICAL AND BIOGRAPHICAL</b>   | <b>c.1957-1999</b>      |
|                  |  |                         |
| A.11             | Curriculum vitae and 'Main lines of scientific work', list of publications and list of research students   | c.1957,<br>c.1961, n.d. |
|                  |  |                         |
| A.12-A.18        | Autobiographical writings<br><br>See also H.552.   | 1985-1999               |
|                  |  |                         |
| A.12             | Brief correspondence with N.F. Mott re possible autobiography  | 1985                    |
|                  |  |                         |
| A.13             | 'Oxford Reminiscences', after dinner speech, IVth International Workshop on Low Temperature Detectors for Neutrinos and Dark Matter, Oxford, 4-7 September 1991<br><br>Printed booklet.  | [?1992]                 |
|                  |  |                         |
| A.14             | 'Birmingham, Oxford and the Bomb' in 'The Martians Hungarian Emigre Scientists and the Technologies of Peace and War 1919-1989', Proceedings of the Workshop organised by the International Committee for the History of Technology, Eötvös Loránd University, Budapest, 1997  |                         |
|                  |  |                         |
| A.15             | Photocopy of letter from Kurti to M.J.M. Leask with 'the correct version of the Bartok story', 21 October 1998   |                         |
|                  |  |                         |
| A.16             | 'Undergraduate in Paris; Postgraduate in Berlin', <i>The Brazen Nose</i> (Vol.31) 1998<br><br>At the head of this article published in the Brasenose College Oxford magazine is the following explanatory note: 'Remarks made by Nicholas Kurti after the Graduates' Dinner on 17 February 1993: Transcribed from the audiocassette and slightly edited by Giana Kurti'. |                         |

# Biographical, A.1-A.286

A.17	'Budapest to Oxford Return: A Twentieth Century Saga' in <i>From Budapest to Britain and back again: an archive</i> edited by Zsuzsanna Katona, Budapest 1999	
A.18	'Undergraduate in Paris 1926-8: Graduate Student and Dr Phil in Berlin, 1928-1931'	n.d.
	Heavily annotated typescript and published text of 'chapter 10' of unidentified publication.	
A.19-A.25	Interviews	1968-1996
A.19	Transcript of interview conducted in two sessions by Charles Wiener, American Institute of Physics, New York, on 11 September 1968 and 22 November 1972	
A.20	Transcript of interview on 'Low-Temperature Research in the 1920s' conducted by Arthur Norberg, University of California, Berkeley, USA, 14 November 1975	
A.21	Transcript of interview on 'Britain and the Refugee Crisis: 1933-1947' conducted by Margaret A. Brooks for the Department of Sound Records, Imperial War Museum, London	1982
	Inscribed on title page 'Corrected with the help of the tape by N. Kurti, 15-17 November 1982'.	
	The tape is at K.55.	
A.22	'Uncorrected' transcript of interview for BBC television series 'Britain in the Thirties - Europeans'	n.d. ? mid 1980s
A.23	'Notes for the RB-NK video interview 27 August 1996'	
A.24	Transcript of short interview on physics and the senses	n.d.



**Biographical, A.1-A.286**

A.25	Correspondence and papers <i>re</i> interviews	1969-1996
A.26-A.32	Entries for Biographical Directories 7 folders.	late 1960s- 1997
A.33-A.35	Biographical articles about Kurti	n.d., 1983- 1994
A.33	3pp typescript beginning 'What sensation does it give a man to return after thirty years to his birthplace?'	n.d.
A.34	Articles from <i>Oxford Times</i>	1983, 1985
A.35	'Kurti Miklos - Nicholas Kurti 1908-'  Photocopied pages from George Marx, <i>The Voice of the Martians</i> , Budapest, 1994	
<b>A.36-A.108</b>	<b>DIARIES AND JOTTERS</b>	<b>1949-1997</b>
A.36-A.77	Diaries  Oxford University Pocket Diaries.  Lacks 1991-1992.	1953-1997
A.36	1953-1954	
A.37	1954-1955	
A.38	1955-1956	
A.39	1956-1957	

**Biographical, A.1-A.286**

A.40	1957-1958
A.41	1958-1959
A.42	1959-1960
A.43	1960-1961
A.44	1961-1962
A.45	1962-1963
A.46	1963-1964
A.47	1964-1965
A.48	1965-1966
A.49	1966-1967
A.50	1967-1968
A.51	1968-1969
A.52	1969-1970
A.53	1970-1971

**Biographical, A.1-A.286**

A.54	1971-1972
A.55	1972-1973
A.56	1973-1974
A.57	1974-1975
A.58	1975-1976
A.59	1976-1977
A.60	1977-1978
A.61	1978-1979
A.62	1979-1980
A.63	1980-1981
A.64	1981-1982
A.65	1982-1983
A.66	1983-1984
A.67	1984-1985



**Biographical, A.1-A.286**

A.68 1985-1986

A.69 1986-1987

A.70 1987-1988

A.71 1988-1989

A.72 1989-1990

A.73 1992-1993

A.74 1993-1994

A.75 1994-1995

A.76 1995-1996

A.77 1996-1997

A.78-A.108 Jotters 1949-1996

Small format notebooks used for informal record including travel arrangements, names, addresses and telephone numbers, bibliographical references, notes on meetings, discussions with colleagues, research notes, etc.

A small number of late notebooks have indication of dating on front cover. For most it has been necessary to rely on internal evidence such as bibliographical references to establish a tentative chronological order.

For loose pages from notebooks and similar see end of the chronological sequence (A.106-A.108).

**Biographical, A.1-A.286**

A.78	c.1960
A.79	c.1962
A.80	c.1965
A.81	c.1979  Lacks covers.
A.82	Inscribed '1.V.81' on front cover
A.83	In use 1981-1983
A.84	c.1983
A.85	Inscribed '29 Feb 1984 ' on first page
A.86	c.1984
A.87	c.1984  Lacks covers.
A.88	c.1985
A.89	In use 1986-1987
A.90	c.1987

**Biographical, A.1-A.286**

A.91	c.1987
A.92	'Late 1987'
A.93	'July 1988'
A.94	'March 1989'
A.95	'Sept 1989'
A.96	c.1989
A.96A	c.1990
A.97	In use 1989-1990
A.98	c.1991 Front cover only.
A.99	1991
A.100	1991 Lacks front cover.
A101	1993 Lacks front cover.

**Biographical, A.1-A.286**

A.102	c.1993	
A.103	'From October 1996'	
A.104	c.1996	
A.105	N.d. Enclosed at back of notebook 1996 press-cutting.	
A.106	Loose pages from 1949 diary	
A.107	N.d. Loose cover, miscellaneous loose pages.	
A.108	N.d. No cover, miscellaneous loose pages.	
<b>A.109-A.150</b>	<b>EDUCATION, CAREER, HONOURS AND AWARDS</b>	<b>1920-1998</b>
A.109-A.121	Undergraduate education, University of Paris	1920-1927
A.109-A.113	Notebooks	1926-1927
A.109	Inscribed 'Travaux pratiques Math [?géné]' on front cover with Kurti's name and address 'Paris Ve 269, rue St Jacques'  First page of notes dated 'Lundi le 29 novembre [1926]'.  	1926

**Biographical, A.1-A.286**

- |             |  |           |
|-------------|--|-----------|
| A.110       | Inscribed 'Optique Cours de M. Fabry' on front cover with Kurti's name and address 'Paris Ve 269, rue St Jacques'                                    | [?1926]   |
|             | First page of notes dated 'nov 12'.  |           |
| <br>        |  |           |
| A.111       | Inscribed 'Cahier d'expériences. Travaux pratiques de physique générale' on front cover with Kurti's name and address 'Paris Ve 269, rue St Jacques' | 1926      |
|             | First page of notes dated 'Lundi, le 15 novembre'.   |           |
| <br>        |  |           |
| A.112       | Inscribed 'Cahier d'expériences de Physique générale' on front cover with Kurti's name   | 1927      |
|             | Headed on first page of notes 'Optique' and dated 'Jeudi, le 17 février 1927'.   |           |
|             | Loose papers enclosed.   |           |
| <br>        |  |           |
| A.113       | Inscribed 'Chimie générale Cours de M. Guichard Metaux' on front cover with Kurti's name and address '19 rue du Pavillon'                            | [1927]    |
|             | First page of notes dated 'Vendredi le 18 novembre'.   |           |
|             | Loose papers enclosed.   |           |
| <br>        |  |           |
| A.114-A.117 | Printed and duplicated notes for practicals  | 1926-1927 |
|             | The duplicated papers at A.115-A.117 have non-contemporary notes identifying the content.  |           |
| <br>        |  |           |
| A.114       | 'Faculté des Sciences de L'Université de Paris Travaux Pratiques de Chimie Générale Analyse Qualitative'   | 1926      |
|             | Printed paper.   |           |
| <br>        |  |           |
| A.115       | 'Paris 1926-27 Notes for Practical Mechanics and Measurement Techniques'   |           |
|             | Duplicated papers.   |           |

**Biographical, A.1-A.286**

- |             |  |            |
|-------------|--|------------|
| A.116       | 'Paris 1926-27 Notes for Practicals Properties of Matter'  |            |
| A.117       | 'Paris 1926-27 Notes for Practicals Electricity'   |            |
| A.118-A.121 | Textbooks  | n.d., 1920 |
| A.118       | Inscribed 'Tétrel 1920 Problèmes de Mathématiques générales' on protective cover   |            |
| A.119       | <i>Problèmes de Mécaniques correspondant aux programmes de Mathématiques générales et de Mathématiques spéciales à l'usage des Candidats au Certificat de Mathématiques générales et aux Écoles du Gouvernement</i> par A. Tétrel  | n.d.       |
| A.120       | <i>Solutions de Problèmes de Thermodynamique donnés à la Sorbonne et dans diverses facultés de provinces à l'usage des candidats au certificat de physique générale au certificat de mécanique physique et expérimentale et des ingénieurs</i> par A. Tétrel                         | n.d.       |
| A.121       | H. Laporte, <i>Solutions développées de Problèmes d'Optique proposés aux derniers Examens du Certificat de Physique Générale à la Sorbonne et dans divers concours</i>   | n.d.       |
| A.122       | 'Magnetokalorische und kalorimetrische Untersuchungen zwischen 2° und 20° abs'<br><br>Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin von Nikolaus Kürti aus Budapest.<br><br>Offprint. | 1933       |
| A.123       | Certificate of Registration (under Aliens Order, 1920), issued City Police Station, Oxford, 6 April 1934   |            |



**Biographical, A.1-A.286**

A.124	Demonstratorship, Oxford University  Correspondence and papers including Kurti's reports on periods of his Demonstratorship.	1949-1959
A.125	Appointment as Consultant to the Industrial Group of the UK Atomic Energy Authority	1958
A.126	Readership, Oxford University  Kurti was appointed to a Readership in 1960 for a period of seven years.  Papers include Kurti's report on his Readership, February 1967.	1959-1967
A.127	Offer of a Physics Chair at the University of Leeds	1963
A.128	Vice-President of the Royal Society	1966
A.129	Oxford Professorship  Kurti was created a 'Schedule A Professorship ad hominem' in 1967.  Includes letters of congratulation. Unindexed.	1966-1968
A.130	Foreign Honorary Member, American Academy of Arts and Sciences	1968
A.131	Honorary Member, Hungarian Academy of Sciences  Kurti was elected Honorary Member of the Academy in 1970.	1970-1998
A.132-A.145	CBE  Letters of congratulation.	1973

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# **Biographical, A.1-A.286**

/...	14 folders.	
	Unindexed.	
A.146, A.147	Retirement	1975-1976
	2 folders.	
	Includes memories and anecdotes.	
	Kurti retired from his Oxford Chair in 1975.	
A.148	Chevalier de la Légion d'Honneur	1976
A.149	80th birthday	1988
	See also K.7.	
A.150	90th birthday	1998
	Includes 'remarks made by Nicholas Kurti after the Dinner in Brasenose on Friday, 22 May, to mark his 90th birthday'.	
<b>A.151-A.198</b>	<b>FAMILY</b>	<b>1891-1996</b>
A.151, A.152	'Hungarian documents (parents, grandparents)'	1891-1940
	Contents of plastic folder divided into two for ease of reference.	
	Some manuscript identification of documents on verso in English.	
A.153, A.154	Letters from Kurti to his elder sister Hedwig (1905-1975), ?and another	1931-1970
	Contents of envelope.	



**Biographical, A.1-A.286**

A.153	1931-1932	
A.154	1945-1970	
A.155-A.178	'From Mother and sister Hedwig. In Hungarian except for 2 cards 1930s'	n.d., 1933-1947
	Bundle of letters and postcards so labelled.	
A.155	1933 September-December	
A.156	1934 January-March	
A.157	1934 April-June	
A.158	1934 July-September	
A.159	1934 October-December	
A.160	1935 January-March	
A.161	1935 April-June	
A.162	1935 July-September	
A.163	1935 October-December	
A.164	1936 January-June	
A.165	1936 July-September	

**Biographical, A.1-A.286**

A.166	1936 October-December
A.167	1937 January-April
A.168	1937 May-August
A.169	1937 September-December
A.170	1938 January-April
A.171	1938 May-July
A.172	1938 August-December
A.173	1939 January-April
A.174	1939 May-August
A.175	1939 September-December
A.176	1940 January-July
A.177	1947 1 letter only.
A.178	N.d.

**Biographical, A.1-A.286**

A.179, A.180	Miscellaneous correspondence and papers <i>re</i> Kurti's Hungarian family connexions including the role of his great uncle Josef Pintér in Hungarian industry  2 folders.	1968-1996
A.181-A.198	Letters from Kurti to his wife Georgiana ('Giana') while on visits and attending conferences abroad	1953-1988, n.d.
A.181	1953	
A.182-A.184	1957  3 folders.	
A.185	1959	
A.186	1960	
A.187	1961	
A.188	1962	
A.189	1963	
A.190	1964	
A.191	1966-1967, no year [?1960s]	
A.192	1970-1971	
A.193	1972	

**Biographical, A.1-A.286**

A.194 1973-1975

A.195 1976-1979

A.196 1980-1984

A.197 1985-1988

A.198 'No Year'

**A.199-A.210 FINANCIAL AND IDENTITY DOCUMENTS 1908-1996**

See also A.123.

A.199 Personal documentation 1908-1996

Birth certificate, correspondence and papers *re* Hungarian citizenship, British naturalisation, etc.

A.200-A.202 Bank and cash books 1933-1943

A.200 Bank Book (Barclays Bank Ltd)  
In use October 1933-January 1943.

A.201 Cash Book  
In use September 1938-June 1939.  
With later inscription 'Note NK always added up in Hungarian'.

**Biographical, A.1-A.286**

A.202	Cash Book  In use August 1940 - October 1941.	
A.203-A.210	Identity card and passports	1943-1996
A.203	Identity card  Date stamped in 1943 and in 1949.	
A.204	Passport issued 1943	
A.205	Passport issued 1953	
A.206	Passport issued 1963	
A.207	Passport issued 1968	
A.208	Passport issued 1978	
A.209	Passport issued 1986	
A.210	Passport issued 1996	
<b>A.211-A.286</b>	<b>MISCELLANEOUS BIOGRAPHICAL ITEMS</b>	<b>1932-2007</b>
A.211	Scrapbook  Cuttings pasted into book, 1952-1956, including low temperature experiments at Clarendon Laboratory Oxford.  Loose cuttings at front and back of book to 1965 including telegram from <i>Time and Tide</i> magazine re the use of force	1952-1965

**Biographical, A.1-A.286**

in Rhodesia and 'advertisement' published in *The Times* being a statement on the Vietnam War, of which Kurti was a signatory.

- |             |   |           |
|-------------|---|-----------|
| A.212-A.220 | <p>'Theatre Programmes Komische Oper [Berlin] &amp; 3penny Opera [Oxford Playhouse]'</p> <p>Contents of envelope so inscribed divided into nine for ease of reference: programmes for the Komische Oper 1959-1971 with letter from Kurti to Sir Claus Moser, 27 July 1989 (enclosed in Hoffmanns Erzählungen programme); Berliner Ensemble 1960; and 1977 Oxford Playhouse production of The Threepenny Opera with exchange of correspondence with the Artistic Director of the Playhouse, Gordon McDougall, 6 May 1977.</p> <p>Kurti kept Komische Oper programmes for performances (in addition to the Tales of Hoffmann) of Die Entführung aus dem Serail, La Traviata, Fra Diavolo, Der brave Soldat Schweik, Ritter Blaubart, Der Fiedler auf dem Dach and Deidamia and Berliner Ensemble programmes for Der aufhaltsame Aufstieg des Arturo Ui and 3Groschenoper.</p> | 1959-1989 |
| A.221-A.244 | <p>'Old engagements (menus etc)'</p> <p>Contents of envelope so inscribed.</p> <p>Includes conference dinners at Oxford and elsewhere, Brasenose College and Oxford club and society dinners, Royal Society occasions and dinners in honour of particular individuals including Kurti himself.</p>  | 1951-1997 |
| A.221-A.227 | <p>1950s</p> <p>7 folders.</p>  |           |
| A.228-A.235 | <p>1960s</p> <p>8 folders.</p>  |           |
| A.236-A.238 | <p>1970s</p> <p>3 folders.</p>  |           |



**Biographical, A.1-A.286**

A.239-A.240	1980s  2 folders.	
A.241-A.244	1990s and n.d.  4 folders.	
A.245-A.250	<p>'British Rail'</p> <p>Contents of folder so inscribed divided into six for ease of reference: correspondence and papers including many press-cuttings <i>re</i> Kurti's relations with British Rail at Oxford and nationally.</p> <p>The bulk of the material relates to a famous 1967 incident in which Kurti broke the arm of the car park barrier at Oxford railway station when it jammed and trapped himself and a group of other motorists in the car park.</p> <p>See also E.250.</p>	1967-1992
A.251, A.252	<p>Humour</p> <p>Examples of humour kept by Kurti.</p> <p>2 folders.</p>	
A.253-A.265	Science and cookery	1932-2006
A.253-A.261	<p>Miscellaneous material principally press-cuttings relating to Kurti's interest in food, cooking and in particular the application of physics in the kitchen</p> <p>9 folders.</p> <p>At A.253 are recipes particularly associated with Kurti such as 'Inverted "Soufflé Surprise" ' and 'Vacuum Meringue'.</p>	1932-2006
A.262-A.265	<p>'Batch 3'</p> <p>Contents of ring binder so labelled divided into four for ease of reference: a collection of recipes in the course of preparation for publication.</p>	1994

**Biographical, A.1-A.286**

Photocopy of typescript with much manuscript revision not by Kurti. Some of the pages were faxed on dates in February and March 1994. See also E.201.

A.266-A.271	Press-cuttings	1954-2007
	Includes cuttings referring to Kurti and on a number of topics of interest to him, including energy, low temperatures, science policy.	
	6 folders.	
A.272-A.282	Hungarian connexions	1939-1998
A.272, A.273	Correspondence with A. Fabinyi	1939, 1968-1978
	The publisher Andrew Fabinyi was born in Hungary in 1909. He attended the same elementary school as Kurti and their friendship dated back to 1915. Fabinyi emigrated to Australia in 1939 and became Chairman of the Frank Cheshire publishing group in 1968, before heading Pergamon Press's Australian division in 1969. He died in 1978.	
A.272	Correspondence	1939-1940, 1946
	In Hungarian.	
A.273	Correspondence and papers	1968, 1969, 1978
	Includes newspaper cuttings about Fabinyi and typescript obituary by Kurti.	
A.274	Correspondence with L.I. Szathmáry II	1990-1994
	Chiefly <i>re</i> visits to Oxford, 1990, 1991.	
	Szathmáry was born in Budapest, Hungary in 1919. He emigrated to the USA in 1951 and became a renowned chef. From 1989 to his death in 1996 he was Chef Laureate and Curator emeritus of the Culinary Archives & Museum at Johnson & Wales University, Providence, Rhode Island.	



**Biographical, A.1-A.286**

A.275	Miscellaneous Hungarian language correspondence	1986-1993
A.276-A.282	<p>Background material</p> <p>6 folders and 1 book by Kiss Istvánné <i>A Trefort utcai 'Minta' Az ELTE Ságvári Endre Gyakorló Iskola története</i>, 1987 (A.282).</p> <p>Principally printed papers relating to Kurti and his Hungarian background.</p> <p>At A.276 is contents of envelope inscribed by Kurti '1976 50th of school leaving'.</p>	1960-1992
A.283-A.286	<p>'Lunatic File'</p> <p>Contents of Kurti's folder so labelled divided into four for ease of reference: correspondence and papers advancing unusual and unconventional approaches to science and world affairs, or which were kept by Kurti for their humorous value.</p>	1961-1992, n.d.

**SECTION B**

**UNIVERSITY OF OXFORD, B.1-B.308**

**1945-1998**

B.1-B.5	CENTRAL ADMINISTRATION
B.6-B.191	DEPARTMENT OF PHYSICS/CLARENDON LABORATORY
B.192-B.210	BRASENOSE COLLEGE
B.211-B.293	MANAGEMENT COMMITTEE FOR VISITING GRADUATE STUDENTS AND POSTDOCTORAL SCHOLARS FROM CENTRAL AND EASTERN EUROPE (SOROS/FCO SCHOLARS)
B.294-B.305	MISCELLANEOUS OXFORD UNIVERSITY
B.306-B.308	MISCELLANEOUS OXFORD-BASED ORGANISATIONS

**University of Oxford, B.1-B.308**

<b>B.1-B.5</b>	<b>CENTRAL ADMINISTRATION</b>	<b>1956-1995</b>
B.1-B.4	'Oxford University - Registry'  Contents of folder so inscribed	1956-1995
B.1	Copies of articles in the <i>Oxford Magazine</i> on 'The Arts Man' and 'Of Science Men' by 'Skyresh Bolgolum'	1956
B.2	Board of Electors to the Professorship of Engineering Science	1960
B.3	Miscellaneous papers  Includes papers <i>re</i> visit of Thomas J. Watson, Chairman of the Board International Business Machines Corporation, to the University, 1969.	1962-1970
B.4	Miscellaneous papers	1989-1995
B.5	Correspondence with Registry and Vice-Chancellor  Found loose.	1967-1985
<b>B.6-B.191</b>	<b>DEPARTMENT OF PHYSICS/CLARENDON LABORATORY</b>	<b>1945-1997</b>
B.6-B.18	Equipment and facilities	
B.19-B.42	Research funding and reports	
B.43-B.76	Researchers	
B.77-B.103	Visitors	
B.104-B.179	Teaching	
B.180-B.183	Cherwell-Simon Memorial Lecture	

**University of Oxford, B.1-B.308**

	B.184-B.186	Clarendon Kitchen Committee	
	B.187-B.191	Miscellaneous	
<b>B.6-B.18</b>	<b>Equipment and facilities</b>		<b>1960-1992</b>
B.6-B.8	'Simon Building Extension'		1960-1963
	Contents of folder so inscribed divided into three for ease of reference: sketch of layout, records of meetings, correspondence, etc.		
B.9	Inauguration of Mullard Cryomagnetic Laboratory, 30 June		1965
	Contents of envelope: duplicated papers including remarks at the opening by Kurti 'A brief history of the high magnetic field facilities at the Clarendon Laboratory'.		
B.10-B.14	'16 Tesla Hybrid Magnet to Oxford'		1970-1980
	Contents of folder so inscribed divided into five for ease of reference: grant application, tenders, agreement with Oxford Instrument Company Ltd etc.		
	1980 item (B.14) is published article on operational experience with the hybrid magnet.		
B.15, B.16	Miscellaneous correspondence and papers		1961-1992
	2 folders.		
	Includes papers re Oxford University Computing Laboratory, Mullard Cryomagnetic Laboratory, etc.		
B.17, B.18	Newspaper cuttings		1960, 1965
	Re Simon Building Extension and Mullard Cryomagnetic Laboratory.		

**University of Oxford, B.1-B.308**

<b>B.19-B.42</b>	<b>Research funding and reports</b>	<b>1962-c.1981</b>
B.19, B.20	Application of nuclear orientation to solid state physics  Report on work at the Clarendon Laboratory for the period 1 September 1962-31 August 1963 and related papers.  2 folders.	1963
B.21-B.26	'Own Applications to SRC'  Contents of folder so inscribed divided into six for ease of reference: applications, reports, correspondence, etc.	1962-1970
B.27-B.41	'SRC Report, New Application (Topical)'  Contents of folder so inscribed divided into fifteen for ease of reference: applications, reports, correspondence, etc.  Undated notes and papers are at B.41.	[1965] - 1973
B.42	Miscellaneous papers  Includes grant application to inaugurate a unit of physical cryobiology at Oxford, latest bibliographical reference 1981, sent to Kurti by W.B. Bald with a request for advice about possibility of Royal Society funding	c.1967 - c.1981
<b>B.43-B.76</b>	<b>Researchers</b>  Sequences of correspondence and papers relating to 'past' and 'present' researchers and a few papers relating to 'future' researchers.  Includes curricula vitae, reports on research progress, grant applications and recommendations.  The sequence includes D.Phil. and postdoctoral researchers, and holders of various visiting and exchange fellowships, etc.	<b>1950-1975</b>



**University of Oxford, B.1-B.308**

B.43-B.68	'Researchers - Past'  Contents of folder so inscribed.  Correspondence and papers.	1950-1973
B.43	Ba.	1958-1959
B.44	Bo.	1967-1968
B.45	Ca.	1961-1964
B.46	Ch.	1963-1968
B.47	Cr.	1967
B.48	D.	1950-1956
B.49	F.	1961-1962
B.50	Ga.	1968
B.51	Ge.	1961-1964
B.52	Go.	1961-1966
B.53	Gr.	1963-1965
B.54	H.	1967-1969

**University of Oxford, B.1-B.308**

B.55	J., K.	1962
B.56	L.	1969-1970
B.57	M.	1961-1971
B.58	N.	1962-1971
B.59	So.	1965-1969
B.60	Sv.	1968-1969
B.61	Sy.	1962-1967
B.62	Te., To.	1963-1969
B.63	Tu., Tw.	1961-1969
B.64	Wa.	1961-1964
B.65-B.67	Wi.	1963-1973
B.68	Wy.	1965-1967
B.69-B.75	'Researchers - Present' Contents of folder so inscribed. Correspondence and papers.	1967-1975

**University of Oxford, B.1-B.308**

B.69	C., D.	1971-1975
H.70	Ha.	1971-1975
B.71	He.	1968-1972
B.72	K.	1969
B.73	La.	1969-1971
B.74	M.	1967, 1970
B.75	S.	1969
B.76	'Future Researchers' Correspondence so inscribed.	1970-1971
<b>B.77-B.103</b>	<b>Visitors</b>  Sequences of papers <i>re</i> 'past' and 'present' visitors kept together by Kurti which may includes both brief informal visits by colleagues and visits by international delegations. There is some overlap with the sequences of 'Researchers'.  At B.103 are late correspondence and papers found loose.	<b>1961-1997</b>
B.77-B.94	'Visitors - Past'  Contents of folder so inscribed.  Correspondence and papers.	1961-1971

**University of Oxford, B.1-B.308**

B.77-B.79	1961  3 folders.
B.80-B.82	1962  3 folders.
B.83, B.84	1963  2 folders.
B.85	1964  Includes papers <i>re</i> visit of Chinese delegation to the Clarendon, 27 January.
B.86, B.87	1965  2 folders.
B.88, B.89	1966  2 folders.
B.90	1967
B.91	1968
B.92	1969
B.93	1970

**University of Oxford, B.1-B.308**

B.94	1971	
B.95-B.102	'Visitors - Present'	1971-1984
B.95	1971	
B.96-B.98	1972 3 folders.	
B.99	1973	
B.100	1974	
B.101	1977	
B.102	1984  <i>Re visit of President of Hungarian Academy of Sciences, J. Szentágothai and others.</i>	
B.103	Correspondence and papers	1993-1997
<b>B.104-B.179</b>	<b>Teaching</b>	<b>1945-1984</b>

Records of Kurti's teaching at Oxford, predominantly thermodynamics and statistical mechanics, are presented here. For convenience some record of his teaching when he was away from Oxford, most notably when he was visiting professor at the University of California, Berkeley in 1964, is included. See B.140-B.147.



**University of Oxford, B.1-B.308**

B.104-B.147	Lecture notes	1947-1979
B.104-B.106	<p>'Lecture magnetism'</p> <p>Contents of folder so inscribed divided into three for ease of reference: manuscript notes for lecture or lectures on magnetism.</p> <p>On the first page of a sequence of notes headed 'Magnetism' (B.104) is the date 'Hilary Term 1947' and the name 'Kurti'. It is possible that these notes were taken by a student.</p> <p>See also B.106 where page 23 of a sequence of notes is dated '1949, H[ilary]'</p>	1947, 1949
B.107-B.109	<p>'Thermod[ynamics]'</p> <p>Contents of folder so inscribed divided into three for ease of reference: manuscript notes for lectures on thermodynamics, with manuscript calculations interleaved among paginated material.</p> <p>The material appears to form part of the same sequence as that at B.110-B.113.</p>	1948
B.110-B.113	<p>'Thermod[ynamics]'</p> <p>Contents of folder so inscribed divided into four for ease of reference: manuscript notes for lectures on thermodynamics, with manuscript calculations interleaved among paginated material.</p> <p>The material appears to form part of the same sequence as that at B.107-B.109.</p>	1948
B.113A	<p>'1st Law 1951 Lectures'</p> <p>Contents of folder so inscribed: manuscript working.</p>	1951
B.114-B.117	<p>'2nd - 3rd Law 1951 Lectures'</p> <p>Contents of folder so inscribed divided into four for ease of reference: variously paginated sequences of manuscript notes.</p>	1951

**University of Oxford, B.1-B.308**

- |              |  |            |
|--------------|--|------------|
| B.118        | Special subjects   | 1957, n.d. |
|              | Manuscript notes including 'Special Subject Adiab[atic] Demagnetisation Revised for H.T. 1957'.  |            |
| <br>         |  |            |
| B.119        | Manuscript notes for lecture course  | 1967       |
|              | Notes begin: 'In these 8 lectures I shall discuss how by applying the simple laws of mechanics and those of the theory of probability to the large number of atoms and molecules that constitute matter one can explain the behaviour mainly of gases and to some extent solids.'                    |            |
|              | Paginated 1-47.  |            |
|              | Manuscript additions 'TT 1967 2nd Lecture', etc. indicate the lectures were given in Trinity Term 1967.  |            |
| <br>         |  |            |
| B.120, B.121 | Manuscript notes for lecture course  | 1968-1972  |
|              | Notes begin: 'In these 8 lectures I shall discuss how by applying the simple laws of mechanics and those of the theory of probability to the large number of molecules that constitute matter one can explain the macroscopic behaviour properties mainly of gases, fat and, to some extent solids.' |            |
|              | Paginated 1-44.  |            |
|              | Manuscript additions 'End 1st Lecture T.T. 1968', 'End 1st Lect. TT 69', etc. indicate the course was given in Trinity Term 1968-1972.   |            |
|              | 2 folders.   |            |
| <br>         |  |            |
| B.122-B.124  | Manuscript notes for lectures on thermodynamics  | 1968-1969  |
|              | Paginated 1-83.  |            |
|              | Manuscript additions 'End 1st lecture H.T. 1968', 'End 1st H.T. 69', etc. indicate that the lectures were given Hilary Term 1968 and 1969.   |            |
|              | 3 folders.   |            |

**University of Oxford, B.1-B.308**

B.125-B.129	<p>Manuscript notes for lecture course</p> <p>Notes begin: 'This is the 1st time that two parts of the Finals syllabus, namely Thermodynamics and Stat. Mech are given in a single course of lectures'</p> <p>Paginated 1-64.</p> <p>Manuscript additions 'End 1st lect H.T. 1970', etc indicate that the course was given in Hilary Term 1970-1974.</p> <p>5 folders.</p>	1970-1974
B.129A	<p>'Kin Theory RWH'</p> <p>Contents of folder so inscribed: manuscript notes for lecture course on thermodynamics and statistical mechanics.</p> <p>Continuation of B.125-B.129.</p> <p>Manuscript additions '9th Lect End H.T. 1970', 'End 10th Lec. 1971', etc. indicate that the course was given in Hilary Term 1970-1974.</p> <p>Paginated 65-102.</p>	1970-1974
B.130-B.134	<p>'N. Kurti Clarendon Lab. Oxford Thermodynamics Hil. Term 1968'</p> <p>Contents of folder so inscribed.</p>	1973-1979
B.130	<p>'Thermodynamics and Statistical Mechanics 2nd Year, Hilary Term 1973. N. Kurti'</p> <p>Manuscript notes paginated 1-70 inscribed on first page 'Master'.</p> <p>Manuscript additions indicate the notes were used in Hilary Term 1973 and 1974. At the end of the sequence is duplicated paper 'Modèle d'Einstein d'un crystal', Université Pierre et Marie Curie - Paris VI 1976/1977.</p>	1973-1977
B.131	<p>Includes 'Physics 75' final examination paper dated 12 December 1975</p>	

**University of Oxford, B.1-B.308**

B.132-B.134	<p>'Thermodynamics and stat. mechanics'</p> <p>Manuscript notes for 'Physics 75' lecture course delivered in 1979 in unidentified location.</p> <p>3 folders.</p>	1979
B.135-B.137	<p>'Thermodynamics &amp; Statistical Mechanics for Dr Bailey'</p> <p>Contents of folder so inscribed divided into three for ease of reference: 44pp typescript and 44pp manuscript drafts of lecture course beginning (B.135): 'The object of these lectures is not to provide a complete course of thermodynamics, but rather to survey and summarise those concepts both of thermodynamics and statistical mechanics which are of importance to cryogenics and, more generally, to the study of low temperatures'. Also includes miscellaneous notes and figures.</p> <p>There is no indication of where the lecture course was delivered.</p>	N.d.
B.138	<p>'Stat Mech.'</p> <p>Contents of folder so inscribed: manuscript lecture notes.</p>	N.d.
B.139	<p>Manuscript notes for lectures on thermodynamics</p> <p>The notes are paginated '42-44' and 'a-m'.</p>	N.d.
B.140-B.147	<p>Manuscript notes for lecture course probably given at University of California, Berkeley, USA, where Kurti was visiting professor in 1964.</p> <p>8 folders.</p>	1964
B.148-B.179	Miscellaneous	1945-1984
B.148, B.149	<p>'Teaching course'</p> <p>Contents of folder so inscribed divided into two for ease of reference: manuscript, typescript, duplicated and printed</p>	1945-1984



**University of Oxford, B.1-B.308**

material.

1945 item is duplicated typescript 'Report O.B.2 16th January 1945. Oxford File 3.16' titled 'A Recorded Calorimetric Mass Flowmeter' and inscribed 'Teaching Course' (B.149).

B.150	'Exams' and 'Oxford (exam papers) includes ex. papers from US visits'	1956-1964, n.d.
	Contents of folder so inscribed: manuscript and duplicated papers relating to Oxford, City College, New York and University of California, Berkeley.	
B.151	Manuscript, duplicated manuscript and typescript papers, principally examination questions	1963-1975
B.152-B.155	'Adv Cryogenics'	1965-1967
	Contents of folder so inscribed divided into four for ease of reference: correspondence and papers <i>re</i> proposed postgraduate course on cryogenic engineering and vacation course in advanced cryogenics held July 1967.	
B.156	Brief correspondence and papers <i>re</i> kinetic theory course	1967
B.157, B.158	'Oxford lectures (teaching + exams)'	1970-1972, n.d.
	Contents of folder so inscribed divided into two for ease of reference: manuscript notes, examination questions.	
B.159	Principally 1972 thermodynamics lecture questionnaires	1971-1972
B.160-B.162	'N. Kurti Thermodyn + Stat Mech. Loose papers, notes, etc.'	1970-1973
	Contents of folder so inscribed divided into three for ease of reference: principally 1973 lecture questionnaires.	



**University of Oxford, B.1-B.308**

B.163-B.165	<p>'N. Kurti Clarendon Laboratory'</p> <p>Contents of folder so inscribed divided into three for ease of reference: principally Kinetic Theory lecture questionnaires.</p>	1973
B.166-B.178	<p>'Physics vs The Rest'</p> <p>Correspondence and papers <i>re</i> second year course for physics undergraduates organised by Kurti and consisting principally of contributions from outside speakers.</p> <p>The sequence includes texts of lectures by contributors.</p> <p>The course was 'mainly to show them that physicists can do many things besides research and university teaching'.</p> <p>13 folders.</p>	1973-1975
B.179	<p>Duplicated teaching material</p> <p>'Practical methods of estimating experimental errors', 'Some simple notions on thermodynamics and energy' and 'The phase rule'.</p>	N.d.
B.180-B.183	<p><b>Cherwell-Simon Memorial Lecture</b></p> <p>Correspondence and papers <i>re</i> establishment and arrangements.</p> <p>4 folders.</p>	1957-1997
B.184-B.186	<p><b>Clarendon Kitchen Committee</b></p> <p>Correspondence and papers.</p> <p>3 folders.</p> <p>Kurti was chairman of the Committee.</p>	1965-1978

**University of Oxford, B.1-B.308**

<b>B.187-B.191</b>	<b>Miscellaneous</b>	<b>1963-1997</b>
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Correspondence and papers.

B.187	1963-1966
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B.188	1967-1969
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B.189	1970-1976
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B.190	1980-1988
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B.191	1995-1997
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<b>B.192-B.210</b>	<b>BRASENOSE COLLEGE</b>	<b>1945-1998</b>
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B.192-B.202	General correspondence and papers	?1950 - 1998
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Topics include building projects, catering, heating and honorary and visiting fellowships.

Kurti's correspondents include College Principals and Bursars.

B.192	?1950-1959
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The earliest item is draft of speech by Kurti proposing the toast 'to our guests' at a Brasenose occasion.

B.193	1961-1962
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B.194	1963-1965
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**University of Oxford, B.1-B.308**

B.195 1966-1967

B.196 1968-1969

B.197 1970-1972

B.198 1973

B.199 1974-1979

B.200 1980-1989

B.201 1990-1998

B.202 N.d.

B.203-B.207	'BNC Other circulated papers'	1945-1983, n.d.
	Correspondence and papers <i>re</i> College business including papers by Kurti on heating systems for College buildings and visiting fellowships.	

B.203 1945

B.204 1963-1969

B.205 1970-1974

B.206 1983

**University of Oxford, B.1-B.308**

B.207	N.d.	
B.208, B.209	'Brasenose Feasts etc.'	1963-1970
	Contents of folder so inscribed divided into two for ease of reference: includes guest lists, menus and table plans.	
B.210	'Fellows Christmas Dinner 7 Dec 1974 4 Dec. 1982'	1974, 1982
	Contents of envelope so inscribed: menus and seating plans.	
B.211-B.293	<b>MANAGEMENT COMMITTEE FOR VISITING GRADUATE STUDENTS AND POSTDOCTORAL SCHOLARS FROM CENTRAL AND EASTERN EUROPE (SOROS/FCO SCHOLARS)</b>	<b>1986-1997, n.d.</b>
	Correspondence and papers.	
	Including minutes of meetings, applications, assessments of candidates and supervisors' reports on progress.	
	The scholarships were funded jointly by the Soros Foundation and the British Foreign and Commonwealth Office and were intended to enable young postgraduates from central and eastern Europe to spend nine months at the University of Oxford.	
	Kurti was a member of the Management Committee (whose title varied over time) and took part in the interviewing of candidates.	
B.211	1986	
B.212	1987	
	Includes minutes of third meeting, 27 January at which it was agreed to co-opt Kurti.	

**University of Oxford, B.1-B.308**

B.213-B.217	1988 5 folders.
B.218-B.229	1989 12 folders.
B.230-B.239	1990 10 folders.
B.240-B.248	1991 9 folders.
B.249-B.256	1992 8 folders.
B.257-B.271	1993 15 folders.
B.272-B.284	1994 13 folders.
B.285-B.290	1995 6 folders.
B.291	1996



**University of Oxford, B.1-B.308**

B.292 1997

B.293 N.d.

**B.294-B.305 MISCELLANEOUS OXFORD UNIVERSITY 1954-1996**

B.294 Environmental Change Unit 1992, 1996

B.295-B.297 Maison Française d'Oxford 1969-1994

Correspondence and papers chiefly *re* 1974 visit of two of the first female students of the École Polytechnique to Oxford.

At B.297 are photographs and press-cutting.

3 folders.

See also K.35.

B.298, B.299 Natural Science Club 1968-1991

2 folders.

B.300 Oxford Centre for Food Studies 1984-1985

Correspondence and papers *re* proposed centre.

The Oxford Centre for Food Studies was described in 'Bye-Laws' passed 1 November 1984 as 'a research centre, limited by guarantee, within the University of Oxford'. Kurti was a member of the Steering Committee.

B.301, B.302 Oxford University Scientific Society 1966-1980

Correspondence and papers.

2 folders.

**University of Oxford, B.1-B.308**

Most of the material dates from 1973-1975 when Kurti was Senior Member of this student society.

B.303	Visit of the President of Hungary  Correspondence and papers.	1995
B.304, B.305	Shorter correspondence and papers  At B.304 is proposal by Kurti on Oxford's traffic problems published in <i>Oxford Magazine</i> under the heading 'Movement within Oxford', 1972.	1954-1993
<b>B.306-B.308</b>	<b>MISCELLANEOUS OXFORD-BASED ORGANISATIONS</b>	<b>1964-1993</b>
B.306	Oxford Instrument Company Ltd  Correspondence and papers.  Includes 'rough transcript of the remarks by N. Kurti at the official opening of the Oxford Cryogenic Ltd's helium liquefaction plant, 10 November 1964'.	1964-1993
B.307	Oxford Local Energy Group  Correspondence and papers.  Kurti was an executive co-chairman from October 1981.	1981-1982
B.308	Oxford Polytechnic  Correspondence with Department of Catering Management.	1972, 1985

<b>SECTION C</b>	<b>RESEARCH, C.1-C.149</b>	<b>c.1931-1987</b>
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C.1-C.54	NOTEBOOKS
C.55-C.123	RESEARCH FOLDERS
C.124-C.137	MISCELLANEOUS NOTES AND DRAFTS
C.138-C.149	BACKGROUND PAPERS

<b>C.1-C.54</b>	<b>NOTEBOOKS</b>	<b>1932-1987</b>
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Used for experimental results, analysis of results, calibrations, testing of equipment, diagrams and sketches of equipment, etc.

C.1	Labelled 'Kurti 21a' on front cover  Inscribed at head of first page 'Fortsetzung vom 8.11.32'  In German.	1932
C.2	Inscribed 'XXIV' inside front cover and headed on first page 'Fortsetzung Wechselstromversuch'  Paginated 1-143.  Dated entries run from '13.12.32' (p.44) to '15.II.33' on loose paper at back of book.  In German.	1932-1933
C.3	Labelled 'Protokollheft XXVI' on front cover  Paginated 1-185.  Entries run '5.2.33' to '11.5.33'  In German.	1933

**Research, C.1-C.149**

C.4	<p>Labelled 'Wärmeleitfähigkeit' on front cover</p> <p>Used April-May 1933 and April 1948-October [1948].</p> <p>In German and English.</p> <p>Entries in 1948 are headed by names of scientists and may represent Kurti's notes at seminars attended. The scientists include Bethe, Fuchs and Pickavance.</p>	1933, 1948
C.5	<p>Labelled 'XXX' on front cover</p> <p>Paginated 1-177.</p> <p>In use in July-August 1933.</p> <p>In German.</p>	1933
C.6	<p>Unnumbered and untitled</p> <p>Only one dated entry '14.12.33'.</p> <p>Predominantly in German.</p>	1933, n.d.
C.7	<p>Unnumbered and untitled</p> <p>Same format as preceding.</p> <p>Includes many diagrams and sketches of equipment.</p> <p>In German and English.</p>	N.d.
C.8-C.34	<p>Numbered series of hardback notebooks I-XXVIII</p> <p>Lacks no. V.</p>	1933-1940
C.8	<p>Labelled on front cover 'I Dec. 28th No Year' and inscribed on first page 'N. Kurti Clarendon Laboratory'</p> <p>Paginated 1-175.</p> <p>Entries run from 28 December 1933. Last dated entry '5.3.34'.</p> <p>In German.</p>	1933-1934

**Research, C.1-C.149**

C.9	Labelled on front cover 'II 4.10.34'  Paginated 1-173.  Last dated entry '16.11.[34]'.  In German.  Loose papers enclosed.	1934
C.10	Labelled on front cover 'III 1st Entry 25.5.34' and inscribed on first page 'N. Kurti Clar. Lab III'  Paginated 1-171.  Dated entries not in strict chronological order. Includes work dated in 1933 p.79. Latest dated entry '27.6.34' p.[138]  In German.  Loose papers enclosed.	1933-1934
C.11	Labelled on front cover 'IV No date'  Paginated 1-187.  Dated entries run from '18.7.34' (p.27) to '4.10.34'.  In German.	1934
C.12	Inscribed 'VI' inside front cover  Paginated 1-143.  Dated entries run from '21 Nov. 34' (p.[20]) to '13 Dec. 34'.  In German.  Loose papers enclosed.	1934
C.13	Inscribed 'VII' inside front cover  Entries run from '14 Dec. 34' to '1.3.35'.  In German.	1934-1935   /...



**Research, C.1-C.149**

/...	Loose papers enclosed.	
C.14	Inscribed 'VIII' on first page Paginated 1-219 Entries run from '4.3.35' to '17.5.35' In German and English. Loose papers enclosed.	1935
C.15	Inscribed 'IX' on first page Paginated 1-173. In German. Dated entries run from '22.5.35' to '6.6.35'.	1935
C.16	Inscribed 'X' on first page Paginated 1-227 (pp 195-227 loose at back). Dated entries run from '11.6.35' to '9.7.35' In German and English.	1935
C.17	Inscribed inside on first page used 'XI' Entries run from '16.7.35' to '28.9.35'. In German.	1935
C.18	Inscribed inside front cover 'XII' Paginated 1-193. Entries run 'Oct 31 1935' to 'January 18th [1936]'. Predominantly in German. Loose pages at back.	1935-1936

**Research, C.1-C.149**

C.19	Labelled 'Kurti Clarendon Lab XIII' on front cover  Paginated 1-175.  Entries run from 'Febr. 12th [1936]' to '27.3.36'.  Predominantly in German.  Loose papers enclosed.	1936
C.20	Labelled 'XIV' on spine  Paginated 1-139.  Entries run from '27.3.36'.  In German and English.  Loose papers enclosed.	1936
C.21	Labelled on spine and front cover 'XV'  Paginated 1-167.  Entries run from '27.4.36' to 'Aug 1 [1936]'  Predominantly in German.  On an unpaginated page towards the back is a draft letter of thanks for letter informing Kurti of the extension of his grant which enabled him to work in the Clarendon Laboratory under the direction of Professor Simon.	1936
C.22	Labelled on spine and front cover 'XVI'  Paginated 1-153.  Entries run from 'Sept 23rd [1936]' to 'Nov.10 [1936]'  In German and English.	1936
C.23	Labelled on spine and inscribed on first page 'XVII'  Paginated 1-141.  Entries run from 'Nov. 17. 1936' to 'Dez 15 [1936]'	1936   /...

**Research, C.1-C.149**

/...	In German.  Loose papers enclosed.	
C.24	Inscribed on first page 'XVIII'  Lacks covers.  Paginated 1-167.  Entries run from '16. Dez. 36' to 23. Dez. 36'.  In German.	1936
C.25	Inscribed on first page 'XIX'  Lacks covers.  Paginated 1-131. Many pages unpaginated.  Dated entries January - October 1937.  In German.  Loose papers enclosed including press-cutting, 30 July 1937.	1937
C.26	Inscribed on first page 'XX'  Lacks covers.  Paginated 1-175.  Entries run from '19 März 1937' to '5.4.1937'.  In German.	1937
C.27	Inscribed on first page 'XXI'  Lacks covers.  Paginated 1-175.  Entries run from '8.4.37' to 'Oct. 28.1937'.  In German.	1937

**Research, C.1-C.149**

- |      |  |           |
|------|--|-----------|
| C.28 | Inscribed on first page 'XXII'                               | 1937      |
|      | Lacks covers.  |           |
|      | Paginated 1-163.   |           |
|      | Entries run from 'Nov. 15 [1937]' to 'December 20th [1937]'. |           |
|      | In German and English.                                       |           |
| <br> |  |           |
| C.29 | Inscribed on first page 'XXIII'                              | 1937-1938 |
|      | Lacks covers.  |           |
|      | Paginated 1-181.   |           |
|      | Entries run from 'Dec.21 [1937]' to 'March 24th [1938]'.     |           |
|      | In English.  |           |
| <br> |  |           |
| C.30 | Labelled on spine and inscribed on first page 'XXIV'         | 1938      |
|      | Paginated 1-159.   |           |
|      | Entries run 'March 28th [1938]' to 'April 6th [1938]'.       |           |
|      | In English.  |           |
| <br> |  |           |
| C.31 | Inscribed on first page 'XXV'                                | 1938      |
|      | Lacks covers   |           |
|      | Paginated 1-181.   |           |
|      | Entries run from '7.4.38' to '21 June [1938]'                |           |
|      | In English.  |           |
|      | Pages loose at front and back.                               |           |
| <br> |  |           |
| C.32 | Inscribed on first page 'XXVI'                               | 1938      |
|      | Lacks covers.  |           |
|      | Paginated 1-99.  |           |

/...

**Research, C.1-C.149**

/..	Entries run from '21 June 1938' to 'Sept 6th [1938]'.  In English.	
C.33	Inscribed on first page 'XXVII'  Lacks covers.  Paginated 1-165.  Entries run from 'Sept 29th [1938]'.	1938
C.34	Memoranda or Minute Book inscribed on front cover 'Kurti Clarendon Laboratory XXVIII'  Entries run from 'April 25th [1939]'. Last dated entry 'April 17th 1940'.  Much loose material at front.	1939-1940
C.35-C.38	Numbered series of hardback notebooks I-IV  C.36-C.38 are foolscap size notebooks.	1940-1942
C.35	Labelled 'No.1' on front cover and inscribed inside front cover 'Expts - good results start page 55'  Paginated 1-87.  Entries run from 17 November to 6 December 1940.	1940
C.36	Labelled on front cover '1940 II'  Paginated 1-145.  Entries run from 6 December 1940. Last dated entry 'Nov 13th [1941]'.  Loose papers enclosed.	1940-1941
C.37	Labelled on front cover 'III Nov. 14 No Year'  Paginated 1-151.  Entries run from 'Nov 14th [1941]'. Last dated entry 'March	1941-1942



**Research, C.1-C.149**

19th [1942]'.  
Loose papers enclosed.

- |           |  |           |
|-----------|--|-----------|
| C.38      | Labelled on front cover 'IV March 20 1942'<br><br>Paginated 1-185. Many pages unused.<br><br>Entries run from 20 March 1942. Last dated entry 'October 5th' [1942].<br><br>Loose papers enclosed including undated letter to Kurti from H. Kuhn. | 1942      |
| C.39      | Ring binder style diary/notebook<br><br>Used for diary type entries, addresses, expenses, as well as research notes.<br><br>Relates in part to visit to USA late 1943-April 1944.  | 1943-1947 |
| C.40-C.48 | Numbered series of foolscap data books 1-10<br><br>Lacks no.7  | 1949-1959 |
| C.40      | Inscribed on spine 'Data Book No.1'<br><br>Entries run 31 May 1949-20 July 1951.<br><br>Contents list on first page.<br><br>Loose papers enclosed.   | 1949-1951 |
| C.41      | Inscribed on spine 'Data Book No.2'<br><br>Entries run 24 July 1951-24 September 1952<br><br>Contents list on first page.<br><br>Loose papers enclosed (3 photographs of apparatus at front).  | 1951-1952 |
| C.42      | Inscribed on spine 'Data Book No.3'<br><br>Entries run 26 September-9 October 1953.  | 1953      |

**Research, C.1-C.149**

Contents list on first page.

Loose papers enclosed.

- |      |  |           |
|------|--|-----------|
| C.43 | <p>Inscribed on spine 'Data Book No.4'</p> <p>Paginated 1-95 (right hand pages only).</p> <p>Entries run 9 October 1953-5 November 1954.</p> <p>Contents list fastened with adhesive tape to first page.</p> <p>Loose papers enclosed.</p> | 1953-1954 |
| C.44 | <p>Inscribed on spine 'Data Book No.5'</p> <p>Paginated 1-94 (right hand pages only).</p> <p>Entries run 14 November 1954-7 April 1955.</p> <p>Contents list on first page.</p>  | 1954-1955 |
| C.45 | <p>Inscribed on spine 'Data Book No.6'.</p> <p>Paginated 1-94 (right hand pages only).</p> <p>Entries run 7 April-26 November 1955.</p> <p>Contents list on first page.</p>  |           |
| C.46 | <p>Inscribed on spine 'Data Book No.8'</p> <p>Paginated 1-91 (right hand pages only).</p> <p>Entries run 16 June 1956-10 February 1957.</p> <p>Index on first page.</p>  | 1956-1957 |
| C.47 | <p>Inscribed on spine 'Data Book No.9'</p> <p>Paginated 1-93 (right hand pages only).</p> <p>Entries run 11 February 1957-11 November 1958.</p> <p>Index on first page.</p>  | 1957-1958 |

**Research, C.1-C.149**

C.48	<p>Labelled on front cover 'Data Book 10 14 November 1958'</p> <p>Paginated 1-91 (right hand pages only).</p> <p>Entries run to 30 April 1959.</p> <p>Index on first page.</p>	1958-1959
C.49	<p>Foolscap notebook inscribed inside front cover 'N. Kurti Clarendon Laboratory, Oxford'</p> <p>?Used for notes on research seminars given by visiting speakers at the Clarendon.</p> <p>Many pages unused.</p> <p>There are entries between 16 October 1959-15 February 1963. No entries for 1960.</p> <p>Manuscript notes headed 'Elliott; Magnetism Conference' enclosed.</p>	1959-1963
C.50	<p>Foolscap notebook inscribed inside front cover 'N. Kurti Clarendon Laboratory Oxford'</p> <p>Entries run from 15 January 1962. Last dated entry 8 October 1971.</p> <p>Manuscript working, calculations, notes of discussions with colleagues at the Clarendon, with visitors to the Clarendon, with colleagues at laboratories etc visited by Kurti, etc.</p> <p>Loose papers enclosed.</p>	1962-1971
C.51	<p>Foolscap notebook inscribed on front cover 'N. Kurti HTFS' and 'AERE Harwell'</p> <p>Used 1975-1978, 1986-1987.</p> <p>Includes notes on discussions with colleagues.</p> <p>Most pages unused.</p>	1975-1987
C.52-C.54	<p>Small format jotters</p>	1930s, 1941, 1943
C.52	<p>Used for manuscript working, bibliographical references</p>	1930s

**Research, C.1-C.149**

Latest bibliographical reference 1934.

In German and English.

C.53	<p>?Used on visit to USA</p> <p>Lacks covers.</p> <p>Latest bibliographical reference 1945.</p>	early 1940s
C.54	<p>Pages torn from jotter</p> <p>Research notes, bibliographical references.</p> <p>Includes notes headed 'Oct 28th 1941' and 'Jan 11 1943'.</p>	1941, 1943
<b>C.55-C.123</b>	<b>RESEARCH FOLDERS</b>	<b>1943-1977</b>
C.55-C.59	<p>'Pirani (Tube All[oys])'</p> <p>Contents of folder so inscribed divided into five for ease of reference: notes, reports, data, etc</p> <p>Relates to Pirani gauges, development of the hydrogen Pirani leak detection technique, separation tests on membrane samples, etc.</p>	1943-1945
C.60, C.61	<p>'Gen. L[ow].T[emperatures].'</p> <p>Contents of folder so inscribed divided into two for ease of reference: typescript and duplicated typescript notes and drafts, data, offprints.</p> <p>At C.60 is typescript draft 'The Use of Liquid Helium in Magnetic Cooling Experiments' by R.P. Hudson, B. Hunt and Kurti, 2 May 1949.</p>	1949-1955
C.62, C.63	<p>'Notes and drafts on Mag[netic]. Cooling'</p> <p>Contents of folder so inscribed divided into two for ease of reference: typescript draft by Kurti on 'Magnetic Cooling' with manuscript additions and corrections, c.1951; photographs of equipment found in envelope postmarked '18.V.72'.</p>	c.1951, ?1972



**Research, C.1-C.149**

C.64-C.66	<p>Contents of untitled folder divided into three for ease of reference: correspondence, manuscript notes and calculations, etc</p> <p>Correspondents include E. Ambler, Cryogenic Physics Section US Department of Commerce National Bureau of Standards, Washington, D.C and H. Meyer, Division of Engineering and Applied Physics, Harvard University.</p>	1953-1958
C.67-C.70	<p>'Expts on Heat Transfer (Ambler)'</p> <p>Contents of folder so inscribed divided into four for ease of reference: correspondence, notes, drafts.</p> <p>E. Ambler was a member of the Cryogenic Physics Section US Department of Commerce National Bureau of Standards, Washington, D.C.</p>	1954
C.71-C.76	<p>'Temperatures below 1°K N. Kurti'</p> <p>Contents of folder so inscribed divided into six for ease of reference: manuscript working, offprints, press-cuttings, correspondence, patent application, etc.</p> <p>Much undated manuscript.</p> <p>At C.75-C.76 is contents of folder (within principal folder) labelled 'The Theory and proposed design of a new type of liquid air machine' by H. Sixsmith, Physics Department, University of Reading.</p>	1955-1972
C.77-C.84	<p>'Hahn Expt.'</p> <p>Contents of folder so inscribed divided into eight for ease of reference: offprints, correspondence, manuscript working, typescript notes and drafts.</p> <p>E.L. Hahn was based at the Department of Physics, University of California.</p>	1956-1967
C.85-C.90	<p>'Vincent Arp'</p> <p>Contents of folder so inscribed divided into six for ease of reference: correspondence, notes, drafts, data etc <i>re</i> research on CoFe and CoNi alloys.</p>	1957-1959



**Research, C.1-C.149**

Correspondents include Walter Marshall writing from Berkeley, Harvard and AERE Harwell.

Arp was based at the University of California, Berkeley and then at the Cryogenic Engineering Laboratory of the US Department of Commerce, National Bureau of Standards Boulder Laboratories, Boulder, Colorado.

C.91-C.101	<p>'Research'</p> <p>Contents of folder so inscribed divided into eleven for ease of reference: principally correspondence.</p> <p>At C.100, C.101 are correspondence and papers found clipped together and labelled 'UH3'.</p>	1957-1968
C.102	<p>Contents of untitled folder: correspondence, manuscript notes and drafts by Kurti and others, duplicated paper by Walter Marshall on the specific heat of dilute alloys</p>	1959-1961
C.103, C.104	<p>'Nuclear Cooling Calculations'</p> <p>Contents of folder so inscribed divided into two for ease of reference: manuscript calculations, University of Ohio Research Foundation Technical Report on 'Measurement of Temperature below 1°K'.</p>	n.d., 1961
C.105-C.108	<p>'Paul Instrument Fund' and 'Integrating NMR Application'</p> <p>Contents of folder so inscribed divided into four for ease of reference: applications, correspondence, notes, reports etc <i>re</i> Kurti's grants from the Royal Society's Paul Instrument Fund for research on nuclear spin temperature using 'Pulsed Nuclear Resonance Thermometer'.</p>	1961-1969, 1972-1977
C.109-C.119	<p>Bundle of correspondence and papers <i>re</i> superconducting power transmission etc. divided into eleven for ease of reference</p> <p>Papers include research reports, manuscript notes and offprints by Kurti and others. At C.114-C.116 are reports etc. for British Insulated Callender's Cables Ltd.</p> <p>The material was found in considerable disorder.</p>	1961-1967

**Research, C.1-C.149**

C.120, C.121	Contents of untitled folder  Divided into two for ease of reference: correspondence, notes, research contract proposal between City College, New York and US Air Force for research in low temperature physics 1963-1966.  Kurti's correspondent is T.C. Hardy, City College, New York.	1963-1964
C.122, C.123	Contents of untitled folder  Divided into two for ease of reference: manuscript working including paginated sequence headed 'Calculation of what happens to cond. electrons during demagnetisation'.	n.d.
<b>C.124-C.137</b>	<b>MISCELLANEOUS NOTES AND DRAFTS</b>	<b>1932-1977, n.d.</b>
C.124	Photocopy of letter from Kurti discussing his research, dated 'Budapest, 24 March 1932'  In German.	[1932]
C.125	'Brain Magnet'  Note on brain magnet with instructions on its use, May 1942.  The note explains that the magnetic brain probe for extracting shrapnel splinters from the brain was designed by H.S. Arms and N. Kurti of the Clarendon Laboratory and presented to the Brain Department of the Radcliffe Infirmary, Oxford.	1942
C.126-C.129	Duplicated papers  Topics include heat conductivity gauges, liquid helium supply, application of nuclear orientation to solid state physics, applications of new superconducting materials capable of carrying high current densities, etc.  4 folders.	1942-1977

**Research, C.1-C.149**

C.130	Manuscript and typescript notes of discussion with colleagues found clipped together	1955-1967
C.131	Photocopy of pages from notebook including 'Note added in 1990 / Experiment done during the night 6-7 June 1956' and signed by Kurti	
C.132, C.133	Lists 'A' and 'B' of documents received from Kurti by the UKAEA, '9/8/63'  2 folders.	1963
C.134	Manuscript data	1971, n.d.
C.135-C.137	Undated manuscript notes, calculations etc.  3 folders.	N.d.
<b>C.138-C.149</b>	<b>BACKGROUND PAPERS</b>	<b>c.1931- c.1976, n.d.</b>
C.138-C.141	Dissertations	c.1931-1938, n.d.
C.138	'Messungen der spezifischen Waermen bei tiefen Temperaturen'  'Inaugural - Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Friedrich-Wilhelm Universität zu Berlin' by Robert C. Swain, Stanford University, California.  Typescript in original covers with manuscript addition and correction.  Latest bibliographical reference 1931.  The work was carried out between April 1929 and July 1931 at the Physical Chemistry Institute of the University of Berlin at the suggestion of and under the supervision of F.E. Simon.	c.1931

**Research, C.1-C.149**

- |             |  |                      |
|-------------|--|----------------------|
| C.139       | <p>'Untersuchungen ueber spezifische Waerme mancher Metalle bei tiefen Temperaturen'</p> <p>?Dissertation by Silvia Cristescu.</p> <p>Heavily annotated typescript in original covers.</p> <p>Latest bibliographical reference 1931.</p> <p>The work was carried out between November 1929 and March 1931 at the Physical Chemistry Institute of the University of Berlin at the instigation of F.E. Simon.</p> <p>See also C.140.</p> | c.1931               |
| <br>        |  |                      |
| C.140       | Papers found enclosed at back of C.139   | 1932, n.d.           |
| <br>        |  |                      |
| C.141       | <p>'Thermische Untersuchungen an Flüssigem Wasserstoff'</p> <p>Dissertation by H. Gutsche, for the Physical Chemistry Institute of the Technical University, Breslau.</p> <p>Also includes two letters to Gutsche ?from Kurti.</p>   | 1937, 1938           |
| <br>        |  |                      |
| C.142       | Technical drawings   | 1947, n.d.           |
| <br>        |  |                      |
| C.143-C.149 | <p>Reports and papers by others</p> <p>7 folders.</p> <p>At C.143 is photocopy of 'British Reports 1939-1945': list of technical reports describing various aspects of the research and development work in the field of atomic energy carried out in Britain. At C.147, C.148 are reports for British Insulated Callender's Cables Ltd.</p>   | 1937-c.1976,<br>n.d. |



<b>SECTION D</b>	<b>SCIENCE-RELATED INTERESTS, D.1-D.115</b>	<b>1880, 1931-1998</b>
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Science-related interests, brings together material relating to topics in which Kurti maintained a keen and active interest but which were not central to his research activities. Some of the material presented is background material and much relates to material elsewhere in the archive.

D.1-D.11	CRYOBIOLOGY
D.12-D.44	ENERGY
D.45-D.105	HISTORY OF SCIENCE
D.106-D.109	POLLUTION
D.110-D.113	SALMONELLA
D.114, D.115	UNIVERSITY-INDUSTRY RELATIONS

<b>D.1-D.11</b>	<b>CRYOBIOLOGY</b>	<b>1952-1997</b>
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Interest in the preservation of organic material (including human bodies) at very low temperatures arose from Kurti's work in cryogenics. See also H.735.

D.1-D.5	<p>'Cryobiology'</p> <p>Contents of Kurti's folder so inscribed.</p>	1958-1977
D.1	<p>Lecture to Oxford University Science Club, 4 March 1958</p> <p>12pp manuscript.</p>	1958
D.2	<p>'Notes about some applications of low temperatures in biology (cryobiology)' by Kurti</p> <p>2pp typescript.</p>	N.d.



**Science-related interests, D.1-D.115**

D.3	Correspondence  Includes material <i>re</i> Society for Low Temperature Biology.	1964-1972
D.4	Newspaper cuttings	1968-1977
D.5	Photocopies of articles	
D.6-D.11	Contents of untitled folder	1952-1997
D.6	'Deep-Freeze Longevity for Human Beings', <i>Oxford Mail</i> , 25 November 1952  Newspaper cutting featuring Kurti, with typescript copy of text.  The news story was based on a talk by Kurti to the Oxford sub-section of the Institution of Production Engineers on 'Low temperatures in science and industry'.	1952
D.7	Correspondence and press coverage arising from Kurti's Oxford talk  Includes coverage in French, Italian and ?Danish.	1953
D.8	Newspaper cuttings on presentation by Kurti at British Association for the Advancement of Science meeting, August 1968  Kurti expresses his scepticism at deep-freezing humans for later revival.	1968
D.9	Correspondence with A. Dolinoff, Société Cryonics de France, <i>re</i> science and cryonics	1971-1972
D.10	Incomplete typescript lecture draft and manuscript notes  The lecture draft refers to 1952 talk (see D.6), may be part of 1958 lecture (see D.1).	N.d.

**Science-related interests, D.1-D.115**

D.11	Newspaper cuttings	1978, 1997, n.d.
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<b>D.12-D.44</b>	<b>ENERGY</b>	<b>1953-1996</b>
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This subsection brings together a range of Kurti's interests, from power sources to conservation of energy and more efficient use of energy. In his concern for efficient use of energy and energy saving technology, Kurti may be seen to be ahead of his time.

The material D.12-D.40 is presented alphabetically by subtopic.

<b>D.12, D.13</b>	<b>Coal</b>	<b>1974-1980</b>
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Correspondence and papers, chiefly *re* estimations of coal reserves and resources in the UK. Includes note on coal reserves and resources compiled for Kurti at the request of Sir Derek Ezra, Chairman of the National Coal Board, and Kurti's own briefing note prepared from it.

2 folders.

<b>D.14-D.18</b>	<b>Combined Heat and Power</b>	<b>1974-1995</b>
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Combined Heat and Power (CHP) is the simultaneous generation of usable heat and power, usually in the form of electricity, by a single process. Kurti was an advocate of CHP systems, particularly for district heating in urban areas.

Kurti was a member of the Combined Heat and Power Group of the Department of Energy chaired by W.C. Marshall, which concluded in favour of CHP plants for areas of 'high heat load densities' (H.402) and also of the District Heating Association (DHA), later the Combined Heat and Power Association (H.113, H.114).

D.14	Correspondence, chiefly with J.M. Cassels	1974
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**Science-related interests, D.1-D.115**

D.14A	Correspondence  Includes correspondence with Cassels, Peter Rost MP and seminar on CHP to All Party Group for Energy Studies for 1981.	1975-1980
D.15	Papers by J.M. Cassels relating to CHP	1980, 1981
D.16	Papers <i>re</i> final meeting and dinner of the Combined Heat and Power Group of the Department of Energy, 11 December	1978
D.17	Correspondence  Includes note on 'Combined Heat and Power supply using Carnot Engines' by J.H. Horlock, 1983; section of Royal Society Biographical Memoir of J.M. Cassels <i>re</i> his work on CHP, sent to Kurti for comment by J.R. Holt.	1983-1995
D.18	Miscellaneous background material	1977-1985
D.19-D.22	<b>Fly-wheel</b>  Flywheel energy storage works by accelerating a rotor (flywheel) to a very high speed and maintaining the energy in the system as rotational energy. The energy is converted back by slowing down the flywheel.	<b>1989-1996</b>
D.19	Correspondence  Includes correspondence 1993 <i>re</i> plans for electric trams/buses in Oxford, including Kurti's letter to the <i>Oxford Times</i> on the subject.	
D.20-D.22	Miscellaneous background material  3 folders.	

**Science-related interests, D.1-D.115**

<b>D.23-D.25</b>	<b>Gas</b>	<b>1965-1969</b>
	<p>Contents of Kurti's folder so labelled: correspondence and papers on gas transport and storage.</p> <p>Includes correspondence with Sir Henry Jones and Sir Kenneth Hutchison of the Gas Council; letters to <i>The Times</i> by Kurti, 27 January 1966 and 17 May 1967.</p> <p>3 folders.</p>	
<b>D.26-D.34</b>	<b>Heat pumps</b>	<b>1970-1983</b>
	<p>Contents of Kurti's folder.</p> <p>Heat pumps are devices that move heat, generally through moving heat from a low temperature source to a higher temperature sink. Much of this material relates to the heat pump at Nuffield College Oxford originally installed in the late 1950s to draw energy from local sewers.</p> <p>See also H.425, H.428.</p>	
D.26	Correspondence with P.M.S. Blackett <i>re</i> heat flow-meter	1970
D.27	Correspondence and papers	1974-1975
	<p>Includes Kurti's letters to <i>The Times</i> on heat pumps, 19 November and 5 December 1974; 'Report on discussions in Copenhagen on 11-12 December 1975' on heat meters.</p>	
D.28	Correspondence and papers <i>re</i> Nuffield College heat pump	1976
	<p>Includes meeting at Nuffield, 29 March, and Kurti's 'Notes on Nuffield College heating' and 'Note on some heat-pump work in France'.</p>	
D.29	Papers for meetings on heat pumps	1976
	<p>Combined Heat and Power Group Discussion on Heat Pumps, London, 20 April; UK Heat Pump Workshop, Lincoln College Oxford, 30 June-2 July.</p>	



**Science-related interests, D.1-D.115**

D.30	Correspondence and papers  Includes correspondence on Nuffield College heat pump.	1977-1979
D.31	Correspondence  Includes correspondence on Nuffield College heat pump.	1980-1983
D.32	Institution of Chemical Engineers' Conference on 'Heat Pumps. Energy Savers for the Process Industries', University of Salford, Manchester, 7-8 April 1981.  Programme; list of participants; Kurti's manuscript notes and transparencies for his Chairman's introduction; etc.	1981
D.33, D.34	Miscellaneous background material  2 folders.	1970s, 1980s
D.35, D.36	<b>Insulation</b>  Correspondence and papers, chiefly <i>re</i> double-glazing. Includes Kurti's 'Notes on double glazing', 17 March 1955 (D.35).  2 folders.  Kurti was a keen advocate of double-glazing for energy conservation some years before it was generally accepted as a practical measure.	<b>1953-1972</b>
D.37	<b>Nuclear power</b>  Chiefly printed material, including 1982 report of Study Group on Pressurised Water Reactor Pressure Vessel Integrity.	<b>1972-1989</b>
D.38	<b>Oil</b>  Miscellaneous material. Includes Kurti's letter to <i>The</i>	<b>1973</b>



**Science-related interests, D.1-D.115**

*Times*, 12 November 1973.

**D.39, D.40                      Renewable and alternative energy sources                      1954-1975**

Chiefly printed material. Includes material re utilisation of solar power and wind power.

2 folders.

**D.41-D.44                      General and miscellaneous material                      1954-1993**

D.41                      Miscellaneous correspondence and papers                      1954-1960

D.42                      'Energy'                      1970s  
Contents of Kurti's folder so inscribed.

D.43                      Material on energy consumption in cooking                      1977, n.d.

D.44                      Letter from I. Fells, Professor of Energy Conversion, University of Newcastle upon Tyne.                      1993

**D.45-D.105                      HISTORY OF SCIENCE                      1880, 1931-1998**

D.45                      'Reflections of an Amateur "Historian of Science" ' by Kurti, in ed. John Roche, *Physicists Look Back: Studies in the History of Physics* (1990)                      1990  
Photocopy of article.

**D.46-D.75                      Topics                      1880-1997**

D.46-D.64                      **German wartime atomic bomb**                      1943-1990s

*Operation Epsilon: the Farm Hall transcripts*, introduced by

**Science-related interests, D.1-D.115**

F.C. Frank (Institute of Physics, Bristol, 1993)

At the end of the Second World War in July 1945, ten leading German physicists involved in their country's atomic project were interned for six months at Farm Hall, Godmanchester, near Huntingdon. In Operation Epsilon, their conversations were secretly recorded by British Intelligence, principally for information on the German wartime atomic programme. Following representations over many years by the Royal Society and British Academy, the transcripts (the voice recordings not having survived) were released by the Lord Chancellor in 1992.

Frank had served in scientific intelligence during the Second World War. He had met some of the imprisoned German scientists before the war and visited Farm Hall during their time there.

D.46	Correspondence	1987, 1990
	Includes letter to the <i>Guardian</i> by Kurti, dated 27 April 1987.	
D.47	Campaign for the release of the Farm Hall transcripts	1991-1992
	Correspondence and papers.	
	Includes correspondence with E. Bagge, H. Korsching, C.F. von Weizsäcker and K. Wirtz, the four surviving Farm Hall scientists, <i>re</i> release of the material.	
D.48	Correspondence with A. Kramish	1987-1993
	Includes correspondence <i>re</i> campaign for release of Farm Hall transcripts.	
D.49-D.52	Correspondence	1991-1993
	4 folders.	
D.53	Correspondence and papers <i>re</i> the transcripts	1991-1992
	Includes 'Notes about the "Farm Hall recordings" ' by Kurti, 28 March 1992; note by P. Ganz on 'Reliability of the transcripts', 1992.	

**Science-related interests, D.1-D.115**

D.54	Publication of <i>Operation Epsilon</i> book  Includes draft of Frank's Foreword, with Kurti's manuscript corrections, and reviews, including that by Kurti in <i>Nature</i> , 8 July 1993.	1993
D.55	Historical material  Contents of envelope: material of F.E. Simon, including letter of 6 September 1945 on the advisability of employing German scientists on the atomic bomb project.	1943, 1945
D.56	Photocopies of 1941 and 1945 material  Includes notes from UK Tube Alloys project meetings 1941, extracts from Farm Hall transcripts.	
D.57-D.62	Printed and typescript background material sent to Kurti for comment or interest	1990s
D.57-D.60	'Heisenberg's bombs. Error and deception in the German Atomic Bomb project 1939-45' by R.L. Rose  4 folders.	mid 1990s
D.61, D.62	Miscellaneous printed and typescript papers  2 folders.  D.61 includes material by Kurti.	1990s
D.63, D.64	Newspaper cuttings, including historical articles and book reviews  2 folders.  D.64 is German-language material.	1987-1993

**Science-related interests, D.1-D.115**

D.65-D.69	<b>Hungarian emigre scientists</b>	1975-1990s
D.65-D.68	<p>'The voice of the Martians. The quest for nuclear chain reaction - a Hungarian version' by G. Marx</p> <p>Typescript draft.</p> <p>4 folders.</p> <p>This was published as <i>The Voice of the Martians: Hungarian Scientists Who Shaped the 20th Century in the West</i> (1994).</p> <p>The title arose from humorous anecdotes that equated Hungarians with intelligent extraterrestrial beings living among humans.</p>	early 1990s
D.69	<p>Miscellaneous papers on Hungarian emigre scientists</p> <p>Includes material on pre-twentieth century Hungarian scientists in Britain.</p>	1975-1994, n.d.
D.70	<p><b>Clarendon Laboratory, Oxford</b></p> <p>Miscellaneous material on the history and archives of the Clarendon.</p> <p>See also D.94.</p>	1961-1994, n.d.
D.71, D.71A	<p><b>Low temperature physics</b></p> <p>Miscellaneous material on the history of research in low temperature physics and cryogenics. At D.71A is typescript draft of 'Introduction to the history of cryogenics' by R.G. Scurlock.</p> <p>2 folders.</p>	1880, 1967- 1990, n.d.
D.72	<p><b>Superconductivity</b></p> <p>Correspondence and papers on credit for the discovery of superconductivity.</p>	1982, 1996- 1997



**Science-related interests, D.1-D.115**

D.73-D.75	<b>'Nullius in verba'</b>	1979-1980
	In 1980 Kurti and P. Marshall, Moore Professor of Latin at Amherst College, Massachusetts, wrote a circular letter to scientists and to classicists asking what they understood by the Royal Society's motto, 'Nullius in verba'.	
D.73, D.74	Circular letter and replies thereto  2 folders.  Not indexed.	1979-1980
D.75	Kurti's rough manuscript notes; photocopied background material	ca 1980
<b>D.76-D.90</b>	<b>Individual scientists</b>	<b>1963-1993</b>
D.76	Andrade, Edward Neville da Costa  Includes account by Andrade of the circumstances leading up to his resignation from the Directorship and Fullerian Professorship of Chemistry at the Royal Institution, 1966; appreciation by Kurti for <i>The Times</i> .	1966-1971
D.77	Florey, Howard Walter  Correspondence <i>re</i> archival material of Florey.	1968, 1970
D.78	Fuchs, Klaus Emil Julius  Correspondence.	1982, 1984
D.79-D.82	Helmholtz, Hermann Ludwig Ferdinand von  Material <i>re</i> Helmholtz and possible offer of the Oxford Chair of Experimental Philosophy in 1865.	1963-1985
D.79	Correspondence, chiefly with W. Haberditzl, <i>re</i> Helmholtz	1963-1965



**Science-related interests, D.1-D.115**

D.80	Correspondence	1973-1975
	Also includes manuscript draft of Kurti's talk on 'The ups and downs of Oxford physics', 19 November, referring to Helmholtz and Oxford.	
D.81	Correspondence and papers	1984-1985
	Includes copies of Kurti's articles 'Opportunity lost in 1865?', <i>Nature</i> vol 308 (1984), 313 and 'Helmholtz's choice', <i>Nature</i> vol 314 (1985), p 499 with transcript of letter offering Oxford Chair to Helmholtz.	
D.82	Miscellaneous background material, including manuscript notes	
D.83	Kronberger, Hans	1970-1986
	Correspondence.	
D.84	Lindemann, Frederick Alexander	1985, 1986
	Correspondence and papers <i>re</i> centenary of Lindemann's birth.	
D.85	London, Heinz	1972-1979
	Correspondence and papers, including notes on London by his widow, Lucie.	
D.86	Mendelssohn, Kurt Alfred Georg	1980
	Exchange with J.F. Allen <i>re</i> obituary of Mendelssohn.	
D.87	Moseley, Henry Gwyn Jeffreys	1968-1993
	Correspondence and papers including 'A physicist not forgotten: Henry Gwyn Jeffreys Moseley' by Kurti, <i>Oxford Magazine</i> , Michaelmas 1987. See also J.904.	

**Science-related interests, D.1-D.115**

D.88, D.89	Schrödinger, Erwin Rudolf Josef Alexander	1984-1990
D.88	Correspondence with P.K. Hoch and W.J. Moore	1984-1985
D.89	Correspondence <i>re</i> Schrödinger's attitude to the Nazis and accusation of cowardice	1989-1990
D.90	Smith, Samuel Spencely  Correspondence <i>re</i> contribution of Smith to the 'Tube Alloys' project.	1983, 1990
<b>D.91-D.98</b>	<b>Correspondence with historians of science</b>	<b>1963-1998</b>
D.91	Brooks, M.A.  Correspondence <i>re</i> oral history of refugees in the 1930s and during the Second World War.	1979-1981
D.92	Hoch, P.K.  Correspondence and papers, chiefly <i>re</i> Kurti as a refugee scientist, and Lindemann and the Academic Assistance Council.	1981-1985
D.93	Kuhn, T.S.  Correspondence <i>re</i> development of quantum physics.	1963, 1967
D.94	Morell, J.B.  Correspondence <i>re</i> history of the Clarendon Laboratory.  See also D.70.	1991-1998
D.95-D.98	Shorter historical correspondence	1968-1997

**Science-related interests, D.1-D.115**

D.95 1968-1974

D.96 1976-1983

Includes typescript draft of 'The roots of modern magnetic research in Britain...' by S.T. Keith, sent to Kurti for comment.

D.97 1985-1992

D.98 1996-1997

Includes papers on research in helium and superconductivity sent to Kurti for interest.

**D.99-D.103**

**Film records of science**

**1969-1981**

Contents of Kurti's folder.

In 1969 Kurti discovered that some film footage of his heat experiment for a television programme about Lindemann had been destroyed by the BBC. He conducted a detailed correspondence on this issue June-November 1969, lobbying for the preservation of all important film material. He returned to the issue in 1974 and 1977 as a member of the BBC's Science Consultative Group.

D.99

Correspondence, chiefly with the BBC and National Film Archive

1969

Includes copy of letter to *The Times*, 25 June.

D.100

Slade School of Fine Art Film Department conference on 'Film and the Historian', University College London, 22-23 September 1969

1969

Correspondence and papers.

Kurti was unable to attend and suggested Professor M.M. Gowing be invited.

**Science-related interests, D.1-D.115**

D.101	Lists of scientists and topics represented in the BBC's Sound Archive	1970
D.102	Correspondence  Includes material <i>re</i> Science Consultative Goup, including Kurti's typescript note 'Taped and filmed records for science and technology', 4 January 1974.	1974-1977
D.103	Correspondence and papers  Includes copy of letter to <i>The Times</i> , 24 July.	1981
<b>D.104, D.105</b>	<b>Miscellaneous material</b>	<b>1931-1977, n.d.</b>
D.104	Includes photograph of 'The results of the test of the first liquid hydrogen cooled magnet coil on 1 April 1932 in Berlin'; copy (negative and print-out) from <i>Das Reich</i> , 25 February 1945 (on the first use of the phrase 'iron curtain').	1931-1961
D.105	Copy of list of reports on Tube Alloys project, n.d.; 'CERN History', May 1977	1977, n.d.
<b>D.106-D.109</b>	<b>POLLUTION</b>	<b>1972-1975</b>
D.106-D.108	Contents of Kurti's folder: miscellaneous papers on various aspects of pollution, including sulphur dioxide, nuclear waste, etc.  3 folders.	1972-1975
D.109	'Pollution'  Contents of Kurti's folder so inscribed: material on atmospheric pollution (sulphur and nitrogen dioxides).	1972-1975

**Science-related interests, D.1-D.115**

<b>D.110-D.113</b>	<b>SALMONELLA</b>	<b>1988-1997</b>
	<p>Correspondence and papers on salmonella and methods of cooking eggs.</p> <p>Following a salmonella scare and official advice to hard boil eggs, Kurti was concerned at the deleterious effect on the quality of cooking that would result, and proposed a method of home pasteurization.</p>	
D.110	1988	
	<p>Includes letters to the <i>Observer</i> and <i>Independent</i>.</p>	
D.111	1989	
	<p>Includes papers <i>re Sunday Express Magazine</i> Workshop on Eggs, 19 July, and newspaper cuttings.</p>	
D.112	1990	
	<p>Chiefly correspondence with T.J. Humphrey, Principal Microbiologist of the Public Health Laboratory Service.</p>	
D.113	1991, 1993, 1997	
<b>D.114, D.115</b>	<b>UNIVERSITY-INDUSTRY RELATIONS</b>	<b>1962-1985</b>
D.114	Miscellaneous correspondence	1967-1968, 1985
D.115	Background material	1962, 1967, 1968



<b>SECTION E</b>	<b>PUBLICATIONS, E.1-E.440</b>	<b>1911-1998</b>
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E.1-E.236	DRAFTS
E.237-E.242	BOOK REVIEWS
E.243-E.303	LETTERS TO THE MEDIA
E.304-E.438	EDITORIAL CORRESPONDENCE
E.439. E.440	OFFPRINTS

<b>E.1-E.236</b>	<b>DRAFTS</b>	<b>1911, 1956-1997, n.d.</b>
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E.1	'Notes on nuclear cooling'	1956, n.d.
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Original typescript (unpublished) further elucidating an experiment discussed in a forthcoming paper by Kurti *et al.* on 'Nuclear cooling', *Nature* vol.178 (September 1956), 450-453.

Also includes Kurti's handwritten report on 'Further experiments on nuclear cooling', written sometime after 1959 and likewise unpublished.

See also J.46.

E.2-E.5	'Nuclear orientation and the hyperfine structure coupling in cobalt metal', <i>Philosophical Magazine</i> vol. 4 (August 1959), 948-956	1956-1959
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Copy of original article, 2 copies of typescript and original illustrations. Includes correspondence with 2 co-authors, C.E. Johnson and R.G. Scurlock, and with C.V. Heer *re* Heer's work on cobalt metal as a low temperature heat reservoir. Also includes notes and calculations in several hands.

4 folders.

**Publications, E.1-E.440**

E.6-E.8	<p>'The lowest temperature in the world', <i>Physics Today</i> vol. 13 (October 1960), 26-29</p> <p>Copy of original article and final draft. Also includes earlier typescript, entitled 'Nuclei and cryophysics', and 3 photographic illustrations. Further includes correspondence re the change in title, subsequent republication of 'Nuclei and cryophysics' as a chapter in a projected volume on <i>The realm of science</i>, and inclusion of the original article within the Physics Teacher's CD-ROM Toolkit Project of the University of Nebraska-Lincoln, USA.</p> <p>3 folders.</p>	1960-1993
E.9-E.18	<p><i>Experimental cryophysics</i>, ed. with F.E. Hoare and L.C. Jackson (London, 1961)</p>	1956-1963, n.d.
E.9	<p>Contract</p> <p>Original memorandum of agreement with Butterworths for a manuscript of a book entitled 'Low temperature techniques'.</p>	1956
E.10-E.14	<p>Correspondence</p> <p>Correspondence between the 3 editors, various contributors to the book and the publisher.</p> <p>5 folders.</p>	1959-1962
E.15	<p>Proofs</p> <p>Incomplete set of proofs, partially annotated.</p>	c.1961
E.16	<p>Reviews</p>	1961-1963
E.17	<p>Royalty statements</p> <p>Includes covering letters from F.E. Hoare.</p>	1962, 1963

**Publications, E.1-E.440**

E.18	Miscellaneous	n.d.
	Contents of a folder inscribed 'Calc[ulations] of Debye Func[tion]'. Includes tables giving the Debye functions for specific heat and internal energy. Further includes loose sheets with jottings and calculations.	
E.19	'La désaimantation adiabatique', <i>Industries atomiques</i> vol. 7 (1962), 95-99	1960, 1962
	Copy of original article and typescript of Kurti's lecture, presented at a conference of the Société l'Air Liquide in May 1960.	
E.20-E.25	'Absolute zero' and 'Liquefaction of gases', <i>Chambers Encyclopedia</i> vol. 1, <i>Physics</i> (c.1965)	1947, 1960-c.1965
E.20	Offprints	c.1965
	Copies of original articles.	
E.21	Proofs	1960x1964
	Copies of uncorrected proofs.	
E.22, E.23	Drafts	n.d.
	Extensively corrected draft of 'Liquefaction of gases' and earlier drafts of both articles.	
	2 folders.	
E.24	Correspondence	1947, 1960-1964
	Correspondence with the publishers. Also includes older correspondence with J.R. Park of the British Oxygen Company Ltd (BOC) re liquefaction of oxygen.	
	The material suggests that Kurti was re-working articles he had written for an earlier edition of <i>Chambers Encyclopedia</i> .	

**Publications, E.1-E.440**

E.25	Miscellaneous  Illustrations etc.	n.d.
E.26-E.29	'Spins and cryogenics', <i>Contemporary Physics</i> vol. 8 (1967), 21-40  See also G.43.  Based on a lecture given at Cornell University, US, May 1964.	1967, n.d.
E.26	Offprint  Copy of original article.	1967
E.27	Draft  Copy of typescript with corrections in Kurti's hand.	1964x1967
E.28	Illustrations  Various graphs, two of which were used for this publication.	n.d.
E.29	Miscellaneous  Jottings and loose typescript corrections. Further includes correspondence with G.R. Noakes <i>re</i> making reprints available for buyers and <i>re</i> numbers of pupils taking science in the Upper Sixth at Uppingham.  Noakes was the editor of <i>Contemporary physics</i> .	1967, n.d.
E.30	'The needs of the scientific community', <i>Journal of Documentation</i> vol. 25 (December 1969), 315-318  Copy of original journal issue, typescript and correspondence with H. Coblans.  H. Coblans was the editor of the journal. He had invited Kurti to discuss the Report of the National Libraries Committee (Dainton Report) from the perspective of the	1969



**Publications, E.1-E.440**

'scientist-user'.

- |           |  |                    |
|-----------|--|--------------------|
| E.31      | <p>'Simon Memorial Prize 1970', <i>Physics Bulletin</i> 21 (1970), 418</p> <p>Proofs and 1 monochrome photographic reproduction, showing the award ceremony.</p> <p>The Simon Memorial Prize was named after Kurti's teacher and mentor Sir Francis Simon. In 1970 the prize went to W. Meissner.</p>  | 1970x1971          |
| E.32-E.38 | <p>'Simon, Sir Francis (Franz) Eugen (1893-1956)', <i>Dictionary of National Biography</i> vol. 1951-1960 (1971), 890-892</p>  | 1928-1971          |
| E.32      | <p>Article</p> <p>Copy of original article, typescript and correspondence with Oxford University Press; print-out (2007) of revised entry.</p>   | 1961-1968          |
| E.33-E.38 | <p>'Simon-file'</p> <p>Contents of a folder so inscribed.</p>  | 1928-1962,<br>n.d. |
| E.33-E.36 | <p>Correspondence</p> <p>Includes correspondence between F.E. Simon and M. Born and between Simon and Kurti; correspondence between Kurti and many members of the international physics community <i>re</i> Simon's death; the establishment of a Simon Memorial Lecture and a number of other projects, including a Simon Memorial Volume in the <i>Zeitschrift für physikalische Chemie</i>, a Simon Memorial Textbook, publication of Simon's Collected Papers and a Simon Memorial Fellowship.</p> <p>Also includes correspondence with N. Arms <i>re</i> her book <i>A Prophet in Two Countries: The Life of F. E. Simon</i> (New York, 1966) and with C. Sluzewski (lawyer) <i>re</i> a claim for reparations from the German people on behalf of Simon's daughter Kathrin.</p> <p>4 folders.</p> <p>Kurti's teacher and mentor F.E. Simon died unexpectedly in October 1956. Kurti helped orchestrate the ensuing</p> | 1946-1962          |



**Publications, E.1-E.440**

activities to pay tribute to Simon's life and achievements, among them the Simon biography by N. Arms, who had been Simon's secretary for two years and then married one of his students.

E.37, E.38	<p>Miscellaneous</p> <p>Loose material, including a monochrome photograph of F.E. Simon and typescript of his CV, dated 1928.</p> <p>2 folders.</p>	1928, 1958, n.d.
E.39	<p>'Cryomagnetic research at the Clarendon Laboratory', in <i>Search and Research</i> with M. Ryle and R.L.F. Boyd, ed. J.P. Wilson (London, 1971), 56-91</p> <p>Set of proofs (including chronological table) and correspondence with the publishers, Mullard Ltd.</p> <p>This publication was prepared 'largely from tape-recorded interviews in the laboratories, supplemented by information from published and private papers'.</p>	1971, n.d.
E.40-E.42	<p>'Chapter 1: Thermodynamics, statistical mechanics, and their relevance to cryogenics', in <i>Advanced Cryogenics</i> ed. C.A. Bailey (London, 1971), 1-50</p> <p>Proofs and correspondence <i>re</i> the book and Kurti's chapter. Also includes a typescript outline of the course of lectures on which the book was based and a handwritten draft of Kurti's contribution to the course.</p> <p>3 folders.</p>	1967-1971, n.d.
E.43-E.45	<p>'Chapter 1', <i>Cryogenic Fundamentals</i>, ed. G.G. Haselden (London, 1971), 1-15</p> <p>Includes 2 extensively corrected drafts, 1 original illustration and royalty statements for 1978 and 1985.</p> <p>3 folders.</p>	c.1971-1985
E.46	<p>'Cailletet - et après', <i>Châtillon presse</i> 25 November 1977, 1</p>	1977

**Publications, E.1-E.440**

Copy of original newspaper and typescript. Also includes correspondence *re* the article and *re* information on R. Pictet.

The article was written for the centenary celebrations of the liquefaction of oxygen by L. Cailletet in Châtillon, France. Kurti was interested also in R. Pictet, who likewise had successfully liquefied oxygen in 1877.

- |           |  |           |
|-----------|--|-----------|
| E.47-E.49 | ‘Dr Kurt Mendelssohn’, advance obituary for <i>The Times</i>   | 1968-1980 |
|           | <p>Several typescript drafts, some dating from c. 1977, some extensively corrected. Further includes correspondence with editors of <i>The Times</i>, 1975-1980, handwritten and typescript drafts of Kurti’s remarks on presenting the Simon Memorial Prize to Mendelssohn in 1968, and additional material.</p> <p>3 folders.</p>  |           |
| E.50-E.60 | ‘Scientific Researchers: The Nature and Impact of their Work’ (UNESCO)   | 1968-1982 |
| E.50      | Contract and outline   | 1980      |
|           | <p>Contract with UNESCO for a book to promote ‘wider knowledge, understanding and acceptance of the principles and norms set out in the 1974 Recommendations [to Member States on the Status of Scientific Workers]’. Also includes typescripts of draft outlines and of part of the second chapter.</p> <p>Kurti never completed his manuscript for this UNESCO book project, which was eventually dropped.</p> |           |
| E.51-E.54 | Correspondence   | 1979-1982 |
|           | <p>Correspondence with Y. de Hemptinne and B. Goddard of the Division of Science and Technology Policies (previously the Science Policy Division), UNESCO. Also includes notes and newspaper clippings.</p> <p>4 folders.</p> <p>De Hemptinne and Goddard remembered Kurti from an earlier collaboration (see E.55-E.60).</p>  |           |

**Publications, E.1-E.440**

E.55-E.60	<p>Additional material</p> <p>Material <i>re</i> Kurti's participation in a working party preparing a discussion paper on 'Fundamental research' for the first Conference of Ministers of the European Member States responsible for Science Policy (MINESPOL), hosted by UNESCO in 1970. Includes correspondence, successive drafts of P. Auger's discussion paper on 'Aspects nationaux de la recherche fondamentale' (with draft commentary by members of the working party), and a handwritten transcript of the proceedings of a 2-day meeting of the working party in Paris in April 1969. Further includes material from earlier preparatory meetings, held in 1968.</p> <p>6 folders.</p> <p>The working party was set up by UNESCO's Science Policy Division.</p>	1968-1969
E.61, E.62	<p>'Disby delectations', <i>The Times</i>, 8 August 1981</p> <p>Copy of original article, typescript with original title ('What's in a name?') and correspondence.</p> <p>2 folders.</p>	1981
E.63	<p>'Cooks should use physics', <i>Good Housekeeping</i> (September 1981), 168</p> <p>Copy of original article, typescript draft with original title ('Is there a place for physics in cookery?') and correspondence.</p>	1981-1985
E.64, E.65	<p>'A scientist looks at cookery', <i>Home Economics</i> (October 1982), 8-9</p> <p>Copy of original magazine, proofs, typescript draft and correspondence.</p> <p>2 folders.</p>	1982
E.66	<p>'Liquid helium at the Clarendon Laboratory', <i>Nature</i> vol. 302 (17 March 1983), 210</p>	1983

**Publications, E.1-E.440**

Copy of original article and typescript draft of original version.

E.67-E.74	'Leslie Fleetwood Bates, 1897-1978', <i>Biographical Memoirs of Fellows of the Royal Society</i> vol. 29 (November 1983), 1-25	1970-1984
E.67-E.70	Article  Copy of original article, proofs, typescript drafts with corrections, and handwritten draft.  4 folders.	1978x1983
E.71, E.72	Correspondence  Includes correspondence with L.F. Bates's former colleagues, students and friends, and with Bates's daughter E.S. Lautch. Also includes correspondence with the Contemporary Scientific Archive Centre in Oxford and the Manuscripts Department of University of Nottingham Library, re the Bates archive.  2 folders.	1978-1984
E.73, E.74	Research Materials  Includes transcripts of a taped conversation with E.S. Lautch, 21 January 1981, and of conversations with former colleagues and students at Nottingham, taped during a visit on 22 January 1981. Also includes material from the Bates archive, among others a list of 'folders which Bates wished to be put aside for Professor Kurti'.  2 folders.	1971, 1981, n.d.
E.75	'The hypodermic syringe in the kitchen', publication details unknown  Typescript dated 21 April 1984, photocopy of published article, with additional material.  Possibly published in the <i>Proceedings of the Oxford Symposium on Food and Cookery, 1984 &amp; 1985</i> .	1973, c.1984



# Publications, E.1-E.440

- |            |   |                 |
|------------|---|-----------------|
| E.76       | <p>'Fizikus a konyhában' ['The physicist in the kitchen'], <i>Magyar Konyha</i> (1985, no. 2)</p> <p>Copy of original article, with 2 typescript drafts.</p>  | 1984-1985       |
| E.77       | <p>'Fizikus a konyhában', <i>Fizikai Szemle</i> (1985, no. 2), 70-71</p> <p>Copy of original article, with typescript draft and correspondence.</p>   | 1984-1985       |
| E.78-E.80  | <p>'Kugler, Gerbeaud and Vörösmarty', <i>Magyar Hírek</i>, 8 June 1985, 31</p> <p>Copy of original magazine, in which the article appeared both in Hungarian and in English. Also includes typescript of the English version. Further includes correspondence with M. Agoston of the <i>Konditorei Gerbaud</i> and with the editors of the <i>Guardian</i> and the <i>Christian Science Monitor</i>. Further includes loose background material <i>re</i> the <i>Konditorei Gerbaud</i>, chiefly in Hungarian.</p> <p>3 folders.</p> <p>M. Agoston was the director of the <i>Konditorei Gerbaud</i>. Kurti had approached both the <i>Guardian</i> and the <i>Christian Science Monitor</i> with this particular piece of writing.</p> | 1984-1986       |
| E.81-E.90  | <p>'A personal postscript', in L. Hatvany, <i>Die Wissenschaft des nicht Wissenswerten</i>, with annotations by A. Grafton (Oxford, 1986), xv-xvi</p> <p>Hatvany's satirical portrait of German university life created a sensation in German academic circles when it appeared in 1908. Kurti first met the Hatvanys in Oxford in 1940. Following Hatvany's death in 1961, Kurti spearheaded a campaign to see the book reissued. The project finally succeeded 25 years later.</p>  | 1911, 1963-1986 |
| E.81, E.82 | <p>Book</p> <p>Typescript, proofs and photocopy of Kurti's postscript. Also includes typescripts and proofs of H. Lloyd-Jones's preface and of J. Szentágothai's foreword. Further includes proofs of A. Grafton's introduction and notes.</p> <p>2 folders.</p>  | 1985, n.d.      |



# Publications, E.1-E.440

E.83-E.89	<p>Correspondence</p> <p>Two sequences. Correspondents include the Baroness Hatvany, publishers, the Hungarian Academy of Sciences as well as a number of scholars whom Kurti persuaded to participate in successive versions of the project, among them E.L. Bowie, A. Grafton and H. Lloyd-Jones.</p> <p>Some of the correspondence is in Hungarian.</p> <p>7 folders.</p> <p>A first effort to have Hatvany's book republished by Pergamon Press foundered by 1970. A second attempt, launched in 1982, proved successful.</p>	1963-1972, 1982-1986
E.90	<p>Additional material</p> <p>Copy of the original second edition of Hatvany's work (Berlin, 1911).</p>	1911
E.91	<p>'Cailletet, Clifton, Helmholtz, Lindemann, Max Müller, Pictet, Simon: Myths, mishaps and mysteries in cryogenics', in <i>Proceedings of the Eleventh International Cryogenic Engineering Conference, Berlin, West Germany, 22-25 April 1986</i>, (Guildford, 1986)</p> <p>Copy of typescript.</p>	1986
E.92	<p>'Undergraduate in Paris 1926-28: Graduate student and Dr. Phil. in Berlin, 1928-31', in R. Williamson, <i>The Making of Physicists</i> (Bristol, 1987), 86-90</p> <p>Typescript, with a letter from the publishing house (Adam Hilger).</p>	1986x1987
E.93	<p>'The sensual aspects of food consumption/eating', publication details unknown</p> <p>Typescript, with a letter responding to comments on the manuscript.</p>	1987x1988

**Publications, E.1-E.440**

E.94-E.178	<p><i>But the Crackling is Superb</i>, ed. with G. Kurti (Bristol, 1988)</p> <p>Chiefly contents of a number of folders inscribed 'Crackling'.</p>	1985-1997
E.94	<p>Dust jacket</p> <p>Copy of original dust jacket, with photocopy of Kurti's contribution, 'Bird custard: The true story', and a correction slip.</p>	1988
E.95-E.148	<p>Pre-production and production</p> <p>In May 1985 Kurti sent out a circular letter inviting 50 Fellows of the Royal Society to contribute to a proposed anthology of 'recipes, views on cooking, new ideas and anything that may come to your mind concerning food and its enjoyment'. After an encouraging response, he followed up with a second circular (September 1986) and a third (January 1987). By spring 1987 almost every Fellow had received an invitation. The resulting volume was published in October 1988, by Adam Hilger Ltd, then the publishing arm of the Institute of Physics.</p>	1985-1988
E.95-E.107	<p>Declined invitations</p> <p>Chiefly return slips, in alphabetical order. Includes some letters. Copies of original circular, list of 50 Fellows to whom it was sent, and second circular (September 1986) can be found at E.95.</p> <p>13 folders.</p>	1985-1987
E.108-E.138	<p>Correspondence with contributors</p> <p>Chiefly correspondence, in alphabetical order, interspersed with drafts (both handwritten and typescript). Not all correspondents ended up contributing to the anthology.</p>	1985-1988
E.108	<p>List of authors</p> <p>Handwritten list with word counts etc. Also includes a circular letter dated August 1987.</p>	1987, n.d.

**Publications, E.1-E.440**

E.109	Alfvén-Arndt	1987
	Includes a typescript draft of R.M. Alexander's contribution.	
E.110-E.112	Bangham-Burton	1987-1988
	Includes a handwritten draft by M.S. Bartlett and background material for Kurti's contribution on Bird's Custard Powder.	
	3 folders.	
E.113	Casimir-Curran	1987-1988
	Includes typescript drafts by D.J. Crisp and S.C. Curran.	
E.114	Datta-Eglinton	1985-1987
	Includes an exchange with G. Eglinton on a geochemical recipe, for the preparation of North Sea oil.	
E.115	'Faraday'	1988, n.d.
	Photocopies of extracts from the correspondence, diary and publications of Sir Michael Faraday, with a letter from the librarian of the Royal Institution of Great Britain.	
E.116	Fellgett-Fowler	1985-1988
	Includes an exchange with Sir Hugh Ford on energy used in making cartons for breakfast cereals.	
E.117, E.118	Gaydon-Gutfreund	1985-1987, n.d.
	Includes a typescript draft by P.G.H. Gell. Also includes correspondence with G.A. Gilbert and his wife Lilo <i>re</i> her suitability as a contributor.	
	2 folders.	

**Publications, E.1-E.440**

E.119	'Hales'	n.d.
	Photocopies of S. Hales's account of his trials 'to cure the ill taste of milk', 1755.	
E.120	Hart-Humphrey	1987
	Includes typescript drafts by M. Hart, O.V.S. Heath and A. Hewish.	
E.121, E.122	Jamison-Krebs	1986-1988
	Includes exchanges with A.R. Katritzky on 'Rumfordsche Suppe' (Rumford Soup), and with J.B. Keller on hydrodynamics, e.g. the 'legs' left by brandy on the inner surface of a glass.	
	2 folders.	
E.123, E.124	Laws-Lyttleton	1986-1987
	Includes a typescript draft of J.F. Loutit's contribution and correspondence with R.A. Lyttleton on the 'cooking' of results.	
	2 folders.	
E.125-E.128	McCance-Mitchell	1987-1988
	Includes an extensive exchange with F.B. Mercer at E.126, E.127. Also includes an agreement procured by Sir William Mitchell and signed by P. Bocuse, allowing for a menu card from the Restaurant Paul Bocuse to be reproduced in the contribution 'They order these things better in France'.	
	4 folders.	
E.129	Needham-Neumann	1986-1987
	Includes correspondence with J. Needham on 'The coming of ardent water' (1972).	



**Publications, E.1-E.440**

E.130-E.134	Parkes-Postgate	1985-1988
	<p>Includes an extensive exchange with J.R. Philip at E.131, E.132 (with typescript drafts of Philip's contribution and of an Australian Broadcasting Commission (ABC) radio programme based on it). Also includes exchanges with E.R. Pike, N.W. Pirie and Sir Harry Pitt.</p> <p>5 folders.</p>	
E.135	Rabinovitch-Rothschild	1986-1987
	<p>Includes a typescript draft of P.D. Richardson's contribution.</p>	
E.136	Schmidt Nielsen-Szentágothai	1987
E.137	Tabor-Temple	1987
	<p>Includes typescript and handwritten drafts of Dom G.F.J. Temple's contribution.</p>	
E.138	Walker-Widdowson	1986-1987, n.d.
E.139-E.148	Correspondence with the publishers	1985-1988
	<p>In chronological order. Includes correspondence with G.R. Pickett, who provided illustrations for the volume, and with Sir George Porter (subsequently Baron Porter), who wrote the introduction. A circular letter to Fellows and Foreign Members of the Royal Society, announcing the impending appearance of the anthology, can be found at E.146. E.148 contains the original proposal to Adam Hilger Ltd, the original draft agreement, the contract, a review list, etc.</p> <p>10 folders.</p>	
E.149-E.159	Reactions to the book	1988-1990
E.149-E.154	Correspondence	1988-1989



**Publications, E.1-E.440**

Contents of a file, in alphabetical order. Includes letters from readers who enjoyed the book. Also includes correspondence with the contributors *re* their honorarium, the pricing of the book, etc. Circular letters from Kurti can be found at E.149. E.151 contains an exchange with the Earl of Halsbury on Volunteers for Ionising Radiation (see H.955).

6 folders.

E.155-E.159	Book reviews	1988-1990
	<p>Copies of book reviews, in alphabetical order, and with correspondence. Kurti's lists of journals that reviewed the anthology and of journals that received review copies can be found at E.155. E.157 contains reactions to K. Mellanby's unflattering review in the magazine <i>Nature</i>.</p> <p>5 folders.</p>	
E.160-E.175	Promotion, distribution and sales of the book	1988-1996
	<p>Correspondence, chiefly with the publishers and the US distributors. Includes sales figures. Correspondence with contributors <i>re</i> their share of the royalties can be found at E.167. Kurti characteristically took a hands-on approach both to the book's marketing and distribution, and to the issue of his royalty entitlements. The interpretation of his contract was complicated both by a deal with the Macmillan Library of Science Book Club, and by switching from Taylor &amp; Francis to the American Institute of Physics as US distributors.</p> <p>16 folders.</p>	
E.176-E.178	Second edition	1996-1997
E.176	Cover illustration	1997
	<p>Colour copy of the new cover.</p> <p>For the dispute that ensued between the Kurtis and the publishers <i>re</i> the design of the new cover, see E.177, E.178.</p>	

**Publications, E.1-E.440**

E.177, E.178	Correspondence	1996-1997
	<p>Correspondence <i>re</i> a potential second edition of the anthology, with new contributions, among them a new introduction by the French Nobel laureate P.-G. de Gennes. It appears that in the end the original anthology was reprinted in paperback, with one additional article. Includes a publicity questionnaire and a summary of sales figures of the book to date. Also includes correspondence <i>re</i> and with Edwina Currie MP as a suitable reviewer.</p> <p>2 folders.</p> <p>In 1988 Currie, the health minister, provoked outrage by saying most of Britain's egg production was infected with the salmonella bacteria. Kurti's anthology contained an article on 'Safe salmonella contaminated soft boiled eggs'.</p>	
E.179, E.180	'Chemistry and physics in the kitchen', with H. This-Benckard, <i>Scientific American</i> vol. 270 (April 1994), 44-50	1993-1994
	<p>Copy of original article, with an early typescript draft and correspondence.</p> <p>2 folders.</p>	
E.181-E.183	'How green is my Oxford college?', <i>Independent</i> , 22 August 1994	1993-1995
	<p>Photocopy, typescript draft and original proofs of the newspaper article, with correspondence and background material.</p> <p>3 folders.</p>	
E.184-E.223	<i>Blanc Mange: Raymond Blanc's Guide to Improving your Cooking</i> , by R. Blanc (BBC, 1994)	1992-1995
	<p>This book on the science of food and cookery started its life as a BBC TV Continuing Education project. Originally titled 'Fire Burn and Cauldron Bubble', it was produced by G. Auckland and revolved around the chef Raymond Blanc. Kurti acted as one of the scientific advisors and in one episode could be seen cycling to Blanc's restaurant Le Manoir aux Quat' Saisons near Oxford. Another scientific advisor was the French science editor Hervé This. The series was broadcast in six episodes starting in September 1994, also the publication date of the book.</p>	

**Publications, E.1-E.440**

For videotape recordings of four programmes (1, 4-6) see  
K.111-K.114.

E.184, E. 185	Cover etc	1994
	Photocopies of cover design and of proofs of a chapter, 'A pinch of science'. Also includes an early synopsis, copy of the production schedule, copies of the publicity flyer annotated in Kurti's hand, and a photocopy of the review in the <i>Times Literary Supplement</i> .	
	2 folders.	
E.186-E.210	Drafts	1993-1994, n.d.
	Typescript drafts, unless stated otherwise.	
E.186-E.196	'Batch 1'	c.1993-1994
	Contents of envelopes so inscribed, containing 3 sets of the first batch of recipes.	
	11 folders.	
E.197-E.200	'Batch 2'	1993x1994
	Contents of a folder so inscribed, containing 1 set of the second batch of recipes.	
	4 folders.	
E.201	'Batch 3'	1994
	Contents of an envelope so inscribed. See also A.262-A.265.	
E.202, E.203	'Basics'	1993-1994
	Several partial drafts of a chapter titled 'Basics' or 'A pinch of science'.	
	2 folders.	

**Publications, E.1-E.440**

E.204-E.208	Partial drafts  Loose material, in chronological order.  5 folders.	1993-1994
E.209, E.210	Undated drafts  Typescript and handwritten drafts.  2 folders.	n.d.
E.211-E.220	Correspondence  In chronological order. Chiefly editorial discussions between Kurti, H. This, R. Blanc and representatives of the BBC. Includes correspondence with readers.  10 folders.	1993-1995
E.221-E.223	Television programme  Correspondence, drafts etc <i>re</i> the television series to which the book was intended as a companion.  Correspondence (in chronological order) can be found at E.221, E.222. E.223 contains early programme ideas, a (partial) script outline, and handwritten running orders (by the producer, G. Auckland). Also includes a few recipe outlines.  3 folders.	1992-1994
E.224	'Rumford and culinary science', in <i>Cooks and Other People. Proceedings of the Oxford Symposium on Food and Cookery 1995</i> , ed. H. Walker (Totnes, 1996), 170-184  Typescript draft.	1995x1996
E.225	'Mivel foglalkozik egy öreg fizikus?', <i>Fizikai Szemle</i> (1996, no. 11)  Photocopy of original article and faxed proofs with Kurti's	1996



**Publications, E.1-E.440**

corrections.

- E.226 'Space, time and food', in *Food on the Move. Proceedings of the Oxford Symposium on Food and Cookery 1996*, ed. H. Walker (Totnes, 1997) 1996x1997

Typescript draft.

- E.227-E.232 'Parity and chivalry in nuclear physics', with C. Sutton, *Nature* vol. 385 (13 February 1997), 575 1996-1997, n.d.

Includes copy of original article, proofs with corrections and a typescript draft. Also includes (at E.228-E.231) correspondence *re* the physicist C.-S. Wu and her role in a crucial 1956 experiment on parity violation. Further includes (at E.232) background material, among it an undated draft account by R.P. Hudson on 'The 1956 parity experiment', which Hudson had assembled from memory, his diary, and the experiment notebook of E. Ambler.

6 folders.

Kurti maintained that chivalry, rather than merit, led to Wu appearing as principal author of the paper in which the parity experiment was published in 1957. The timing of Kurti's paper was unfortunate: Wu died on 16 February 1997, 3 days after Kurti's article with C. Sutton came out. E. Ambler was one of R.P. Hudson's three colleagues at the National Bureau of Standards, Washington D.C, US, who co-authored the 1957 paper.

- E.233, E.234 'La science et le plaisir de manger', *Alliage* 31 (Summer 1997), 3-11. 1997, n.d.

Photocopy of original article, typescript draft with corrections in Kurti's hand. Also includes correspondence and additional material.

2 folders.

This publication was based on Kurti's Andrew Simon Memorial Lecture, delivered at the Royal Geographical Society in London on 20 October 1993, the 60th birthday of the Wine & Food Society that commissioned the oration. Kurti's lecture was entitled 'Science and the joys of eating'.



**Publications, E.1-E.440**

E.235	Undated drafts  Handwritten and typescript drafts.	n.d.
E.236	List of publications  2 typescripts.	c.1952, c.1967
E.237-E.242	<b>BOOK REVIEWS</b>  Copies and photocopies of original reviews, typescript drafts and correspondence, in chronological order.  6 folders.	<b>c.1951-1998</b>
E.243-E.303	<b>LETTERS TO THE MEDIA</b>  Kurti's responses to news items, feature articles, other people's letters to the press, broadcasts, and other events prompting him to write. In addition to all the national newspapers, his letters appeared in the French and the North American press, as well as in scientific magazines such as the <i>New Scientist</i> and <i>Physics Today</i> . Occasionally these communications developed into more extensive exchanges with editors, readers and organisations. Included among the themes Kurti often revisited were 'atrocities committed against the English language', gastrophysics, the Farm Hall recordings, and the promises of Combined Heat and Power (CHP).  The Farm Hall recordings were secret recordings of conversations between 10 German scientists who were thought to have worked on Nazi Germany's nuclear weapon programme. The scientists were interned at Farm Hall, a wiretapped house in Godmanchester, from 3 July 1945 to 3 January 1946 (see D.46-D.64).	<b>1956-1998</b>
E.243	1956-1959  Includes letters to the <i>New Scientist</i> and to the <i>Observer</i> re the physicists C.S. Wu, E. Ambler and R.P. Hudson and	

**Publications, E.1-E.440**

their respective role in crucial experiments on parity violation.

E.244

1961-1964

Includes discussions *re* the potential impact of hydro-electric schemes on the Tongariro National Park, New Zealand, and *re* the Concord project.

In 1962 the British and French Governments signed an international treaty for the joint design, development and manufacture of a supersonic airliner, Concord.

E.245

'Brain drain'

1963-1967

Material from a campaign against the loss of British scientists to the US. Includes draft and copy of a letter published in *The Times* on 5 March 1963 and signed by Kurti with 17 of his colleagues at the Clarendon Laboratory, Oxford. Also includes correspondence with the Ministry of Science *re* the speech in the House of Lords that prompted this particular letter, and with the editor of the journal *Minerva*, where an extensive summary of the Royal Society report on the 'Emigration of Scientists from the United Kingdom' was about to appear. Further includes correspondence *re* a full page advertisement in *Physics Today* (October 1965), designed to entice British scientists to return to the UK, and correspondence *re* the French experience of 'brain drain'.

The speech in question was that of Lord Hailsham in the House of Lords debate on 27 February 1963. Lord Hailsham was responding to the conclusions reached by the Sutherland Committee of the Royal Society in its recent report on *Emigration of Scientists from the United Kingdom*.

E.246

1965

Includes correspondence *re* power cables, cryosystems and premium bonds. Also includes copy of an original advertisement in *The Times* of 23 December 1965, signed by Kurti and other concerned public figures in protest against the escalation of US military commitments in Vietnam.

**Publications, E.1-E.440**

- E.247                      1966
- Includes correspondence *re* the question of granting University status to technological institutions and the correct translation of the originally German expression 'iron curtain'. Also includes several letters to the *New Scientist* *re* energy storage by superconductors and *re* the physics of absolute zero temperatures.
- E.248                      'Acronyms'                      1966-1973
- A series of correspondence *re* the excessive use of acronyms.
- E.249                      1967
- Includes correspondence *re* domestic fuel costs, gas storage, postgraduate training awards and how to calculate prices in conjunction with currency fluctuations.
- E.250                      'Exit barrier'                      1967-1969
- Kurti's letters and those of other members of the public, with general press coverage, *re* an incident of March 1967 when Kurti broke the automatic exit barrier at Oxford Station car park because it was jammed.
- See also A.245-A.250.
- E.251                      1968
- Includes correspondence *re* the 'regrettable practice of channelling money into fundamental research through Defence Departments'. Also includes correspondence *re* the promise of cryogenic research.
- E.252                      1969
- Includes correspondence *re* flaws in articles written by the Apollo 11 news team of *The Times*, and the inappropriateness of naming an underwater research ship 'Ben Franklin'. Also includes an exchange with D. Fishlock of the *Financial Times* *re* the Oxford Instrument Company, and a letter to *The Times* in defence of I.R. Maxwell.
- /...



**Publications, E.1-E.440**

- /... The business practices of the publisher and MP I.R. Maxwell came under intense public scrutiny in 1969. Maxwell was censured by the High Court as unfit to run a public company following a failed attempt to sell Pergamon to US finance group Leasco.
- E.253 1970
- E.254 'Decimalisation' 1970-1971  
Material *re* decimal currency.  
The UK (and the Republic of Ireland) decimalised their currencies on 15 February 1971.
- E.255 1971  
Includes correspondence *re* Sir Francis Chichester's record for sailing across the Atlantic, Oxford's new railway station, the new 160 kGauss solenoid to be installed at the Clarendon Laboratory, Oxford, the thermal efficiency of power station boilers, petrol tax, economical uses of electricity for heating, and the revival of corpses after freezing. Also includes an exchange with and *re* D. Larbalestier's views on the new Oxford hybrid magnet and its significance vis-à-vis similar British and European facilities.
- E.256 1972-1973  
Includes correspondence *re* art on the Underground, the Libyan Airlines Boeing 727 that was shot down by Israeli fighters on 21 February 1973, the use of culinary syringes, etc.
- E.257 'Future of the railways' 1972-1973  
Includes correspondence with the SOS Campaign to Save Our Railways, the Transport Reform Group, the Railway Invigoration Society, etc.  
See also E.274.  
Kurti and his wife were loyal railway users.



**Publications, E.1-E.440**

- |             |                   |           |
|-------------|-------------------|-----------|
| E.258-E.261 | 'Energy concerns' | 1973-1977 |
|-------------|-------------------|-----------|
- Correspondence *re* the world's energy resources, a concern of Kurti's prompted by the 1973 oil crisis. Includes discussions on alternative energy sources, the efficiency of power stations, the promises of solar power, the dangers of discussing such issues before an uninformed public, etc. Also includes a lengthy dispute with N. Jenkins, starting in *The Times* and culminating in the magazine *Energy World*, and correspondence with P. Rost, MP, *re* Drax B coal plant.
- See also E.267, E.290, E.291.
- 4 folders.
- N. Jenkins was an independent energy analyst who became a Combined Heat and Power (CHP) evangelist. The Drax B plant in Yorkshire was a candidate for the first purpose built combined heat and power station.
- 
- |       |      |  |
|-------|------|--|
| E.262 | 1974 |  |
|-------|------|--|
- Includes a letter to *Nature* *re* the UK's new partnership in the Institut Laue-Langevin, which Kurti proposed should be renamed Institut Laue-Langevin-Lonsdale. Also includes correspondence with S. Day-Lewis of the *Daily Telegraph* for a blunder in his report of a recent 'Horizon' programme.
- The Institut Laue-Langevin was a facility built around a high flux neutron beam reactor.
- 
- |       |      |  |
|-------|------|--|
| E.263 | 1975 |  |
|-------|------|--|
- Includes correspondence *re* the question of whether the curved-jet method for the separation of isotopes should be referred to as 'West-German'. Also includes correspondence *re* the status of the engineering profession, the discovery of pulsars, atrocities committed against the English language, etc.
- 
- |       |      |  |
|-------|------|--|
| E.264 | 1976 |  |
|-------|------|--|
- Further correspondence *re* atrocities committed against the English language, including scientific English. Also includes discussions of overseas student fees, the menus on Concorde, etc.

**Publications, E.1-E.440**

- |              |  |                 |
|--------------|--|-----------------|
| E.265        | 1977   |                 |
|              | Further correspondence <i>re</i> atrocities committed against the English language, etc.   |                 |
| E.266        | 1978   |                 |
|              | Includes correspondence <i>re</i> a proposal to establish a foundation for the support of the arts, education, research etc. financed by a national lottery, <i>re</i> British Airways' plans to provide Elizabethan feasts on their transatlantic jets, <i>re</i> nuclear ferromagnetism and antiferromagnetism, etc. |                 |
| E.267        | 1979   |                 |
|              | Includes correspondence <i>re</i> nuclear power, waste heat of power stations, hydrogen as fuel, etc.  |                 |
|              | See also E.258-E.261.  |                 |
| E.268        | 'Antisemitism'   | 1979, 1988-1993 |
|              | Exchanges <i>re</i> the origins of antisemitism. Includes correspondence with E. Maxwell and pamphlets by E. Maxwell and H. Montefiore, Bishop of Birmingham.  |                 |
| E.269, E.270 | 1980   |                 |
|              | Includes correspondence <i>re</i> the Hungarian orientalist and traveller Arminius Vambery, the price of gas, the status of engineers, etc.  |                 |
|              | 2 folders.   |                 |
| E.271, E.272 | 1981   | 1981, 1986      |
|              | Includes correspondence <i>re</i> C.S. Wu's role in the 1956 parity experiments, the increase of overseas mail rates, kitchen equipment and its role in culinary progress, the importance of tolerance towards inventions, notably windmills.  |                 |
|              | The exchange on windmills drew an erudite response from  |                 |

**Publications, E.1-E.440**

the technological historian J.S.P. Buckland 5 years later.

2 folders.

- |       |   |           |
|-------|---|-----------|
| E.273 | 'Oral history'  | 1969-1981 |
|       | Correspondence <i>re</i> the provisions in the UK for oral history and sound archives. Includes an exchange with J. Pengelly, who like Kurti had long championed the cause for improved arrangements.   |           |
| E.274 | 'High speed trains'   | 1981      |
|       | Continues Kurti's interest in the future of the railways (see E.257). Includes correspondence with fellow railway enthusiasts.  |           |
| E.275 | 1982  |           |
|       | Includes correspondence with the editor of the <i>New Scientist</i> , encouraging Kurti to continue his letter-writing. Also includes correspondence and press clippings <i>re</i> the intake of science graduates into the Civil Service, Combined Heating and Power, flaws in the headlines of <i>The Times</i> , a 'Readers' letter to the cyclists of Oxford', etc.   |           |
| E.276 | 1983  |           |
|       | Includes correspondence <i>re</i> parallels between the Israeli military government's dismissal of foreign teachers from West Bank universities and the dismissal of Jews from university posts in Nazi Germany. Other topics include the proposed nuclear power station at Sizewell, the art of frying iced lollipops, comparisons between the KAL 007 incident and the Libyan Airlines Boeing 727 shot down by Israeli fighters in 1973, etc. |           |
|       | The Korean Air Lines flight KAL 007 was shot down by Soviet jet interceptors near Sakhalin island on 1 September 1983.  |           |
| E.277 | 'Parachuting for charity'   | 1983      |
|       | Letters and further press coverage <i>re</i> sponsored  |           |

**Publications, E.1-E.440**

parachuting.

- |              |  |            |
|--------------|--|------------|
| E.278        | 1984   |            |
|              | Includes correspondence from K. Whitehorn of the <i>Observer</i> re L. Szilard's escape from Nazi Germany. Other themes include British participation in CERN (in particular the Super Proton Synchrotron), architectural fads, coals subsidies, electricity prices, etc.  |            |
| E.279        | 'Gillick ruling'   | 1984-1989  |
|              | Correspondence etc. re the interpretation of an Appeal Court ruling in favour of a mother's case against the DHSS guidelines permitting doctors to prescribe contraceptives to girls under the age of 16 even without their parents' knowledge or consent. Kurti took issue with the view of Sir Immanuel Jacobovits (the Chief Rabbi) that the ruling restored 'the supremacy of the Ten Commandments ... over the medical profession's self-proclaimed guidelines'. Includes correspondence with J. Neuberger of the South London Liberal Synagogue. |            |
| E.280, E.281 | 1985   | 1985, 1986 |
|              | Kurti returns to two pet themes, atrocities committed against the English language and the polymath Sir Benjamin Thompson, Count Rumford. Topics also include the Unification Church of Sun Myung Moon and the International Cultural Foundation it sponsored, current affairs, etc.   |            |
|              | 2 folders.   |            |
| E.282        | 1986   |            |
|              | Includes comments on current affairs, complaints that the <i>Oxford Times</i> should show more eagerness to publish the results of elections to the Royal Society, etc.  |            |
| E.283        | 'Kitty Little'   | 1986       |
|              | Responses to a letter by K. Little on ionizing radiation, published in <i>Farmers Weekly</i> in July 1986.   |            |



**Publications, E.1-E.440**

E.284, E.285	1987	1987, 1988
<p>Includes correspondence <i>re</i> the disqualification of a race horse after testing positive for theobromine as a result of consuming a Mars bar, high temperature superconductivity, what the Farm Hall transcripts reveal about W. Heisenberg, how stress prior to being slaughtered affects the taste of meat, Kurti's objections to repeatedly encountering a milk float driving the wrong way in an Oxford bus lane, the 'dream diaries' of the novelist G. Greene, the Zeebrugge ferry disaster, Sir Francis Simon, etc.</p> <p>2 folders.</p>		
E.286, E.287	1988	
<p>More on atrocities committed against the English language, the National Health Service, the long-term risks of passive smoking, etc.</p> <p>2 folders.</p>		
E.288, E.289	1989	1989, 1990
<p>Includes correspondence <i>re</i> the possibility of an ozone hole over the North Pole, various gastrophysical topics, energy policy and the environment, postage rates, etc.</p> <p>2 folders.</p>		
E.290, E.291	'The greenhouse effect and nuclear power'	1989
<p>Continues Kurti's involvement with questions of energy efficiency and the environment. Includes an original copy of a declaration that 'nuclear power is not an answer to the greenhouse effect', instigated by Greenpeace and signed by 100 UK scientists and doctors, among them Kurti. Also includes ensuing exchanges, notably with J.G. Collier and M.S. Ridout of the United Kingdom Atomic Energy Authority (UKAEA), and with E.P. Silk of the House of Commons Select Committee on Energy. Further includes Kurti's letter to <i>Nature</i> on the Greenpeace declaration, correspondence with Greenpeace, and copies of letters other signatories of the Greenpeace declaration sent to the UKAEA.</p>		

**Publications, E.1-E.440**

See also E.258-E.261, E.267 *et passim*.

2 folders.

E.292-E.294

1990

Includes correspondence re Lord Marshall's eminence as a physicist, Combined Heating and Power, cryonics, the fate of Germany's national academies following reunification, the closure of the MRC Cryobiology Unit in Cambridge, the West Bank, the lawsuit of the Unification Church against the *Daily Mail*, etc.

3 folders.

E.295, E.296

1991

Topics include animal welfare in Sweden, the New Year's Honours, current affairs, a BBC programme on Farm Hall, CHP, etc.

2 folders.

E.297

1992

Revisits such themes as the neglected virtues of CHP and the Farm Hall recordings. Also includes correspondence *re* the destruction of Hungarian cultural heritage in Romania, the origins of the Institute of Physics, General Franco's flight to Spanish Morocco in 1936, polytechnics and their history in a variety of European countries, etc.

E.298

1993

Topics include fly-wheel energy storage, the regrettable shelving of the planned electrification of the Oxford bus service, the legend that moral scruples prevented German scientists from developing the atomic bomb, etc.

E.299

1994

Includes correspondence *re* the Hungarian statesman Lajos Kossuth, non-polluting public transport schemes, the international barter of cultural treasures, alternatives to

**Publications, E.1-E.440**

nuclear power, the building of opera houses, etc.

E.300 1995-1996

Includes correspondence *re* 'Euromyths', the last movement of Beethoven's Ninth Symphony, Einstein's Oxford, etc.

E.301, E.302 'Oxford cyclists' 1996-1997

Correspondence and other material *re* an incident in December 1996, when Kurti was knocked down by a bicyclist. Includes Kurti's letter to the *Oxford Times*, letters from concerned members of the public, press reports of the incident, copies of Kurti's police statement, correspondence with Thames Valley Police, the Oxford Pedestrian Association, etc.

2 folders.

E.303 1997-1998 and n.d.

Includes a letter *re* the physicist C.S. Wu etc.

**E.304-E.438 EDITORIAL CORRESPONDENCE 1960-1996**

For Royal Society publications see H.816.

E.304-E.307 *Chemical Intelligencer* 1993-1996

Kurti was associated with the magazine from 1993 to 1996 and, together with Hervé This, dealt with contributions to its culinary section.

4 folders.

E.308 *Electrical Times* 1965-1966

Invitation to contribute an article on cooled underground

**Publications, E.1-E.440**

cables.

E.309-E.390	<i>Europhysics Letters</i>	1984-1989
	<p>The journal resulted from a partnership agreement between the European Physical Society (EPS), the French Physical Society (SFP), the Italian Physical Society (SIF) and the Institute of Physics (IOP) 'to launch a journal of high prestige containing letters of general interest and importance to the physics community'. The new journal was conceived as a replacement of extant publications of the partners SFP and SIF. Kurti acted as editor-in-chief until 1 April 1989, when W. Buckel succeeded him.</p>	
E.309	Correspondence and papers <i>re</i> the foundation of the journal	1984-1987
	<p>Includes Kurti's invitation to the provisional Management Committee; copy of the partnership agreement between the EPS, SFP, SIF and IOP; Kurti's presentation on the venture at the EPS Condensed Matter Division conference in Berlin in March 1985 (in transparencies and in paper format); copies of announcements in <i>Europhysics News</i> and <i>Physics Today</i>, and a flyer announcing the first number (January 1986). Further includes a set of signatures of editorial colleagues, presented to Kurti in March 1987.</p>	
E.310, E.311	Minutes of the Meetings of the Management Board	1985-1989
	<p>Includes an end-of-year report to the partners of <i>Europhysics Letters</i> on 'The financial situation in the year 1988'.</p> <p>2 folders.</p>	
E.312, E.313	Minutes of the Meetings of the Editorial Board	1985-1989
	<p>2 folders.</p>	
E.314-E.321	Reports	1986x1990
	<p>Reports on the performance of the journal and its editors, including graphs. Includes a presentation covering the years 1986-1988 (E.315), a 'note from the Past Editor-in-</p>	



**Publications, E.1-E.440**

Chief dated 27 February 1989 and a summary report with appended tables dated 6 March 1990 (E.316, E.317). Additional material, including handwritten drafts can be found at E.318-E.321.

8 folders.

E.322

Circular letters

Contents of a folder so inscribed.

E.323-E.390

Miscellaneous correspondence

1985-1989

In chronological order. Includes minutes, financial accounts, reports on the performance of the journal, etc. Also includes material relating to a voluminous exchange with S. Marinov over articles he submitted 1987-1989. Key themes of editorial discussions include the composition of the editorial board, the maximum length of contributions, delays between submission and publication, the refereeing process, whether European nations were evenly represented in the contributions, etc.

Marinov was a Bulgarian physicist who questioned relativity-theoretical viewpoints and who came to propound ideas of perpetual motion and free energy.

E.323-E.334

1985

12 folders.

E.335-E.346

1986

12 folders.

E.347-E.367

1987

An exchange (April-September) *re* I. Kirschner's work on high-temperature superconductivity can be found at E.353; some of the letters are in Hungarian. There also is much correspondence with and *re* S. Marinov (E.347-E.350, E.356-E.363, E.365-E.367).

21 folders.

**Publications, E.1-E.440**

The work of Kirschner and his team at the Eötvös Loránd University (ELTE) in Budapest was questioned by colleagues at the Central Research Institute for Physics (KFKI) in Budapest. Kurti referred to the institutional tensions shown on the occasion as the 'ELTE-KFKI saga'.

E.368-E.385

1988

Correspondence with and *re* S. Marinov can be found at E.368-E.374, E.377, E.379, E.380, E.382.

18 folders.

E.386-E.390

1989

For information *re* the journal and its history, compiled for a meeting of the editorial board in anticipation of Kurti handing over the responsibilities of editor-in-chief, see E.387.

A polychrome photograph of Kurti and others from the editorial team, taken on the roof of Brasenose College on 25 February 1989, can be found at E.389.

5 folders.

E.391-E.398

Gordon and Breach, Science Publishers, Inc.

1979-1994

Kurti edited *Selected Papers of Louis Néel* (1988), the English translation of L. Néel's *Oeuvres scientifiques* (1978).

E.391

Author's questionnaire

n.d.

Completed by Kurti.

E.392-E.394

Proofs and drafts

1985, n.d.

Includes copies of proofs and of various drafts of Kurti's translation of the original French preface, as well as annotated copies of the proofs of J.H. van Vleck's preface to the English edition.

3 folders.

**Publications, E.1-E.440**

E.395-E.398	Correspondence etc.  E.398 includes royalty statements.  4 folders.	1979-1994
E.399-E.405	Institute of Physics  In chronological order. An exchange <i>re</i> the desirability of making authors convert their measurements to SI units (i.e. as supported by the <i>Système International d'Unités</i> ) can be found at E.402. For an article on 'The teaching of physics in French secondary schools' (1973), see E.403.  7 folders.	1962-1996, n.d.
E.406-E.422	<i>Interdisciplinary Science Reviews</i>  In 1974, Kurti joined the editorial board of this new journal, which was founded for the specific purpose of presenting 'in-depth critical reviews ... for those who plan, direct and execute research at universities, equivalent institutions and in industry'. The first issue of the <i>Interdisciplinary Science Review</i> appeared in March 1976.	1974-1996
E.406	Correspondence and papers <i>re</i> the foundation of the journal  Includes letters from P.J. Farago and A.R. Michaelis, respectively consultant and executive editor of the journal. Also includes a prospectus of the first issue.	1974-1976
E.407-E.421	General correspondence  In chronological order. Includes drafts of papers submitted to the journal.  15 folders.	1974-1996
E.422	'IRS Dinners'  Contents of a folder so inscribed. Includes original dinner menus (some signed) and related correspondence.	

**Publications, E.1-E.440**

- |  |   |                    |
|--|---|--------------------|
| E.423  | John Lewis Partnership                    | 1981               |
| <p>Correspondence with the John Lewis Partnership <i>re</i> an article by Kurti for the Christmas edition of their <i>Gazette</i>. Includes a copy of the article in question.</p>   |   |                    |
| E.424-E.428  | <i>Journal of Low-Temperature Physics</i> | 1968-1978          |
| <p>Correspondence and additional material, in chronological order. E.426 includes correspondence in Hungarian (with I. Kirschner). An exchange <i>re</i> professional etiquette in scientific publication, specifically the recognition of earlier work, can be found at E.427. See also J.291.</p> <p>5 folders.</p> <p>Kurti joined the editorial board of this new journal at the invitation of its editor, J.G. Daunt, in 1968.</p>  |   |                    |
| E.429  | <i>Nature</i>                             | 1968-1970,<br>1977 |
| <p>Correspondence, in chronological order. Includes a draft by L. Abello, SJ on 'An ecological Achilles heel of a hydrogen economy'.</p>   |   |                    |
| E.430  | Oxford University Press                   | 1970, 1987         |
| <p>Correspondence, in chronological order.</p>   |   |                    |
| E.431-E.435  | Pergamon Press Ltd                        | 1960-1985          |
| <p>Correspondence (with some additional material), in chronological order.</p> <p>Includes invitation from I.R. Maxwell for Kurti to take the place of H.M. Finniston as co-editor (with R. Smoluchowski) of the Press's international series of monographs on solid state physics. At E.432 is material <i>re</i> a publication of Pergamon Press that, without due recognition, appropriated a compendium compiled by the National Bureau of Standards. E.433 includes correspondence <i>re</i> similarities between A.W.B. Taylor's book on superconductivity, published in the Wykeham Science Series, and <i>Introduction to Superconductivity</i> by A.C. Rose-Innes and E.H. Rhoderick, a title of Pergamon</p> |   |                    |



**Publications, E.1-E.440**

Press Ltd.

5 folders.

E.436	<i>Physics Today</i>	1967-1973
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E.437, E.438	Miscellaneous correspondence	1961-1985
	2 folders.	

<b>E.439, E.440</b>	<b>OFFPRINTS</b>	<b>1933-1996</b>
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In chronological order.

Offprints 1933-1959 are at E.439, offprints 1960-1996 at E.440.

2 boxes.

<b>SECTION F</b>	<b>LECTURES AND BROADCASTS, F.1-F.276</b>	<b>c.1928-1997</b>
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F.1-F.247	LECTURES
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F.248-F.276	BROADCASTS
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<b>F.1-F.247</b>	<b>LECTURES</b>	<b>c.1928-1997</b>
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F.1-F.208	Drafts
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F.209-F.247	Correspondence <i>re</i> arrangements
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<b>F.1-F.208</b>	<b>Drafts</b>	<b>c.1928-1997, n.d.</b>
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A chronological sequence of drafts and related material for lectures by Kurti 1950s-1997.

At F.171-F.173 are notes for after dinner speeches. Undated drafts are at F.174-F.193, transparencies at F.194-F.202 and background papers F.203-F.208.

Tape recordings of some of Kurti's lectures are at K.53-K.85.

<b>F.1-F.17</b>	<b>'Own Talks 1950s &amp; 60s'</b>	<b>1950s-1960s</b>
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Contents of folder so inscribed divided into seventeen for ease of reference: various typescript drafts, manuscript notes, manuscript calculations, correspondence etc. *re* lectures delivered to a variety of audiences in the UK, USA and Europe.

The papers are presented in the found order, which is not chronological. The large quantity of undated material made it inappropriate to seek to establish a chronological order.

Topics include adiabatic demagnetization, atomic nuclei at very low temperatures, meaning of temperature, megamagnetics and cryophysics, nuclear orientation and solid state physics, world of ordered spins, etc.

**Lectures and broadcasts, F.1-F.276**

F.18	<p>'Low Temperatures in Science and Industry', address to inaugural meeting of the Institution of Production Engineers Oxford Sub-Section, 24 November 1952</p> <p>Typescript report of inaugural meeting, typescript draft of Kurti's address, letter <i>re</i> publication of revised version.</p>	1952-1953
F.19	<p>National Industrial Fuel Efficiency Service course on 'Current Practice in Fuel Efficiency', Oxford, 26-30 September 1955</p> <p>Programme, typescript copies of Kurti's introductory remarks.</p> <p>Kurti chaired the opening day's lectures.</p>	1955
F.19A	<p>Lectures 1955, 1958</p> <p>Manuscript notes for lectures.</p> <p>Topics are thermodynamics and low temperatures and theory of thermodynamics.</p>	
F.20-F.30	<p>'High Field Magnets'</p> <p>Contents of a bundle so labelled.</p>	c.1928-1981
F.20-F.21	<p>Background papers</p> <p>2 folders.</p>	1930-c.1970
F.22-F.28	<p>'High Field Lectures H.T. 1970'</p> <p>Contents of folder so inscribed divided into seven for ease of reference: includes manuscript notes and drafts for lectures, 1961, 1964 and 1970 and undated and background material including offprints of papers by Kurti and photographs of magnets (F.25).</p>	c.1928-1981
F.29, F.30	<p>'Reprints for very low temps (e.g. Crete)'</p> <p>Contents of folder so inscribed divided into two for ease of</p>	1963-1968

**Lectures and broadcasts, F.1-F.276**

reference: includes correspondence, offprints and typescript draft of paper on 'High Magnetic Fields and Nuclear Cooling', latest bibliographical reference, 1966.

'Crete' refers to the International Advanced Summer Physics Institute on the Physics of Solids in Intense Magnetic Fields, Chania, Crete, 16-29 July 1967 (see also G.88-G.90).

F.31-F.33	<p>'Lecture Notes'</p> <p>Contents of folder so inscribed divided into three for ease of reference: manuscript notes and drafts for lectures, 1963-1966 and undated, background papers, etc.</p> <p>Includes notes for lectures to a variety of audiences in the UK, USA and Europe on such topics as 'L.T. [Low Temperature] and some of its applications', 'Nuclei: hot and cold', 'Nuclear orientation and its applications in SSP [Solid State Physics]' and 'Megamagnetism, cryophysics and cryobiology'.</p>	1959-1966
F.34	<p>'A rough transcript of the remarks made by N. Kurti at the official opening of the Oxford Cryogenic Ltd's helium liquefaction plant, 10 November'</p> <p>2pp duplicated typescript.</p>	1964
F.35-F.39	<p>'Lecture Notes'</p> <p>Contents of folder so inscribed divided into five for ease of reference: manuscript and typescript notes and drafts for lectures to a variety of audiences in the UK USA and Europe, 1964 and undated, correspondence and offprints.</p> <p>Topics include 'Oriented Nuclei and Solid State Physics', 'Importance of low temps in s.s.ph. [solid state physics]' and 'Aspects of Nucl. Orientation'.</p>	1962-1965
F.40-F.43	<p>'Nuclear Cooling Grenoble Talk and papers'</p> <p>Contents of folder so inscribed divided into four for ease of reference: manuscript and typescript drafts for lectures to a variety of audiences in the UK and Europe, 1965-1971 and undated, correspondence, offprints.</p>	1956-1975

/...



**Lectures and broadcasts, F.1-F.276**

- /... Topics include 'Nuclear Cooling', 'Les températures les plus basses', 'L'orientation nucléaire ...' and 'Cryogenics: its uses and misuses'.
- F.44 'Is cold really necessary?', Rutherford Laboratory, near Didcot, Berkshire, 28 September 1967 1967  
3pp manuscript notes for lecture.
- F.45, F.46 'Why Low Temperatures?', British Association for the Advancement of Science, Dundee, August 1968 1967-1968  
Duplicated typescript outline, 3pp; manuscript notes for a number of lectures delivered in the UK on this topic and similar, with correspondence *re* arrangements, etc.  
2 folders.
- F.47 Lectures 1969 1969  
Manuscript notes for lectures on low temperatures at Essex, Harwell and Dubrovnik and on 'Physics for profit or pleasure' at Warwick.
- F.48-F.63 'The Physicist in the Kitchen', Friday Evening Discourse at the Royal Institution, London, 14 March 1969 1963-1987  
In 1963 Kurti had declined an invitation from Sir Lawrence Bragg, Director of the Royal Institution, to give a Friday Evening Discourse. He subsequently accepted an invitation from Bragg's successor, George Porter, and gave a Discourse in 1969. In the following years Kurti went on to deliver this talk and demonstration, and versions thereof (also under the title 'Physics in the Kitchen') on a number of other occasions worldwide.  
See also F.129, F.130.
- F.48-F.51 'RI Lecture' 1963-1970  
Contents of folder so inscribed divided into four for ease of reference: correspondence *re* arrangements and arising, typescript draft, proof etc.

**Lectures and broadcasts, F.1-F.276**

F.52-F.57	<p>'Physicist in the Kitchen'</p> <p>Contents of folder so inscribed divided into six for ease of reference: correspondence and papers <i>re</i> Kurti's lectures and broadcasts on this topic, especially the televised version of his 1969 Royal Institution lecture.</p>	1963-1978
F.58	<p>'Physics in the Kitchen'</p> <p>Correspondence and papers <i>re</i> 'a little demonstration' put on by Kurti at the Royal Society's June Conversazione, 26 June 1969.</p>	1969
F.59-F.63	<p>'The Physicist in the Kitchen'</p> <p>Contents of folder so labelled divided into five for ease of reference: abstracts, manuscript notes, lists of slides, correspondence, press-cuttings, etc. for lectures on the physicist in the kitchen in the UK, USA, Europe and Australia.</p>	1969-1987
F.64	<p>Address at the Inauguration of Amphitheatre Doyen Louis Weil, Grenoble, France, 14 September 1970</p> <p>Includes published text of Kurti's address and photographs of amphitheatre.</p>	1970
F.65	<p>Manuscript notes for lectures in the UK, USA and Europe and 'English synopsis of a lecture to be given in French'</p> <p>Topics are low temperatures, nuclear cooling and the transfer, transmission and degradation of energy.</p>	1970
F.66	<p>Lecture in Tokyo, March 1971</p> <p>Proof of article by Kurti on low temperatures date stamped 24 March 1971; 'Some remarks about the role of the physicist in the kitchen', 2pp typescript with manuscript inscription 'Remarks made after the lecture in Tokyo, 1971'.</p>	1971

**Lectures and broadcasts, F.1-F.276**

F.67	Manuscript notes for lectures in the UK, Europe and Australia	1971
F.68-F.72	<p>'From Microkelvin to Megakelvin Temperatures', 62nd Kelvin Lecture, Institution of Electrical Engineers, London, 22 April 1971</p> <p>Contents of folder inscribed '22 April 1971 Kelvin' divided into five for ease of reference: typescript draft, correspondence <i>re</i> arrangements, background papers for Kurti's lecture.</p> <p>At F.68 is a little 1977 correspondence relating to Kurti's Cherwell-Simon Lecture of that year.</p>	1964-1977
F.73, F.74	<p>'How to be a physicist and let others enjoy it'</p> <p>Manuscript notes, abstracts, correspondence etc <i>re</i> lectures on this topic.</p> <p>Includes (F.73) Royal Society BAYS Lecture, Liverpool, 23 March 1972.</p>	1971-1980
F.75-F.77	<p>Lectures on low temperatures</p> <p>Contents of plastic folder divided into three for ease of reference: manuscript notes, etc for lectures delivered in the UK, USA, Europe and Japan.</p>	1971-1975
F.78-F.93	<p>'Physics and Happiness - A Balance Sheet', Presidential Address British Association for the Advancement of Science Physics Section, Leicester, 6 September 1972</p> <p>Correspondence <i>re</i> arrangements, drafts, illustrative material and background papers.</p> <p>16 folders.</p> <p>F.78 includes 'Report on a visit to laboratories in California, 13-19 August 1972'.</p>	
F.94, F.95	<p>'Physics and the Joys of Life'</p> <p>Manuscript notes, notices, correspondence, etc. for</p>	1972-1976

**Lectures and broadcasts, F.1-F.276**

lectures on this and related topics in the UK, USA and Europe.

2 folders.

- |              |  |               |
|--------------|--|---------------|
| F.96         | '3 Visits to Hungary: 1934, 1964, 1973', Great Britain/East Europe Centre, London, 12 June 1979  | 1979          |
|              | Manuscript notes, letter of thanks.  |               |
|              |  |               |
| F.97, F.98   | Lecture on Oxford Physics in seminar series organised by M.M. Gowing, Professor of History of Science, University of Oxford  | 1973 or later |
|              | 2 typescript drafts.   |               |
|              | 2 folders.   |               |
|              |  |               |
| F.99         | 'General review of energy technology, including the hydrogen economy', British Insulated Callender's Cables (BICC) Ltd Seminar on Energy Technology, 17 April 1974 |               |
|              | Typescript draft, BICC Report on seminar, including papers.  |               |
|              |  |               |
| F.100, F.101 | Lecture on thermodynamics at Summer School on Aspects of Energy Conversion, Lincoln College, Oxford, 14-25 July 1975   | 1974-1976     |
|              | Correspondence, 2 typescript drafts of Kurti's paper, etc.   |               |
|              | 2 folders.   |               |
|              |  |               |
| F.102-F.108  | Lectures on low temperatures   | 1976-1979     |
|              | Manuscript notes, typescript drafts, transparencies etc for lectures, principally on historical themes in cryogenics, in Britain, Canada and Europe.               |               |
|              | 1977 was the hundredth anniversary of the first liquefaction of oxygen.  |               |
|              | 7 folders.   |               |



**Lectures and broadcasts, F.1-F.276**

- |              |   |                              |
|--------------|---|------------------------------|
| F.109        | <p>Manuscript notes, transparencies, background papers, etc.</p> <p>Contents of unlabelled plastic folder.</p> <p>Topics include laws of thermodynamics, physics and the senses, history of low temperatures.</p>   | <p>1976, 1981-1982, n.d.</p> |
| F.110-F.120  | <p>'La Temperature n'est qu'une Sensation (Amédée Guillet, 1927)', Cherwell-Simon Lecture for 1976-77, Oxford, 20 May 1977</p> <p>Correspondence and papers <i>re</i> preparation of the Cherwell-Simon Lecture (?and other speaking engagements) including drafts and illustrative material.</p> <p>This diverse group of papers was found together and is presented in the order found. It includes correspondence with the Government Chemist (F.114) and <i>re</i> low temperature biology and the Society for Low Temperature Biology (F.117).</p> <p>Kurti visited the Laboratory of the Government Chemist in March 1977 and was guest of honour and gave a short address at the Annual Dinner of the Society for Low Temperature Biology, 14 October 1977.</p> <p>11 folders.</p> | 1977-1980                    |
| F.121        | <p>Lectures 1977</p> <p>Typescript draft (in English) of lecture titled 'Le stockage and le transport de l'énergie', 8 June and manuscript notes for lecture at 'Casimir Seminar', 14 June and talk at 'ETSV', 18 October.</p>  |                              |
| F.122-F.128  | <p>'Cailletet et après', Centenary celebrations of the first liquefaction of oxygen, Châtillon-sur-Seine, France, 2 December 1977</p> <p>Correspondence and papers <i>re</i> centenary celebrations and Kurti's address at Châtillon.</p> <p>7 folders.</p>   | 1977                         |
| F.129, F.130 | <p>'The Physicist in the Kitchen'</p>   | 1978-1979                    |

**Lectures and broadcasts, F.1-F.276**

Manuscript notes, correspondence, newspaper cuttings,  
etc *re* lectures in Germany and USA.

See also F.48-F.63.

2 folders.

- |             |   |           |
|-------------|---|-----------|
| F.131       | 'Points from the DHA [District Heating Association] Luncheon Speech by Prof. N. Kurti CBE FRS', Energy World, August/September 1978 | 1978      |
|             | Published text.   |           |
| F.132       | 'Reminiscences and Random Thoughts of a Francophile Physicist', University College, Cardiff, 8 February 1979                        | 1979      |
|             | Manuscript notes.   |           |
| F.133       | 'How mankind uses heat and cold', Royal Institution Humphrey Davy Lectures for Schools, June 1979                                   | 1978-1979 |
|             | Manuscript notes, correspondence.   |           |
| F.134       | Lectures 1980   | 1980      |
|             | Manuscript notes, notices, press-cutting, etc for lectures in North America.  |           |
|             | Topics include culinary physics and physics in Oxford.  |           |
| F.135-F.137 | Course on Thermal Energy Storage, Ispra (Varese), Italy, 1-5 June 1981  | 1980-1983 |
|             | Kurti lectured on 'Thermal energy storage and the energy system'.   |           |
| F.135       | Correspondence <i>re</i> arrangements   | 1980-1981 |
| F.136       | Typescript draft and figures etc.   | 1981      |

**Lectures and broadcasts, F.1-F.276**

F.137	Correspondence arising	1981-1983
F.138-F.140	<p>'Lecture Notes and Transparencies 1981-82'</p> <p>Contents of bundle so labelled divided into three for ease of reference: manuscript and typescript notes and drafts, transparencies, abstracts, notices, correspondence, background papers etc. for lectures in the UK, North America and Europe.</p> <p>Topics include culinary physics.</p>	1962-1984
F.141	<p>'From the first mist of liquid oxygen to nuclear ordering. Anecdotes from the history of refrigeration'</p> <p>Notice of lecture, typescript draft as prepared for publication, offprint.</p>	1981-1982
F.142-F.144	<p>Lectures 1982</p> <p>Manuscript notes, correspondence, transparencies etc for lectures in the UK and USA.</p> <p>Topics include 'The Scientist in the Kitchen' and 'Physics and the Joys of Life'.</p> <p>3 folders.</p>	1982
F.145-F.146	<p>Lectures in Hungary, September-October 1984</p> <p>Manuscript notes for talks on history of refrigeration, history of cryophysics and on culinary physics, transparencies for lecture on culinary physics, articles from Hungarian publications on Kurti and culinary physics.</p> <p>2 folders.</p>	1984-1985
F.147	<p>Lectures 1985</p> <p>Manuscript notes, lecture notice.</p>	1985

**Lectures and broadcasts, F.1-F.276**

- |             |  |      |
|-------------|--|------|
| F.148-F.150 | Lectures 1986  | 1986 |
|             | <p>Manuscript and typescript notes, notices, correspondence, transparencies, etc for lectures in UK and Australia.</p> <p>Topics include 'Physics and the Joys of Life', 'Science and Technology: Curse or Blessing to the Arts' and 'Myths, Mishaps and Mysteries in Cryogenics'.</p> <p>3 folders.</p> |      |
| F.151       | 'Cailletet, Clifton, Helmholtz, Max Müller, Pictet, Simon - Myths, Mishaps and Mysteries in Cryogenics'  | 1986 |
|             | <p>Typescript draft with manuscript inscription '30 March 1986', transparencies, etc.</p>  |      |
| F.152       | Lectures May 1987  |      |
|             | <p>Manuscript notes, etc for lectures.</p>   |      |
| F.153       | Lectures in Berlin, 14 and 15 October 1987   |      |
|             | <p>Correspondence and manuscript notes for lectures on 'Hermann von Helmholtz und Walter Nernst - Physik zwischen Berlin und Oxford' and 'Der Physiker als Dilettant-Historiker und als Hedonist'.</p>   |      |
| F.154       | 'The Sensual Aspects of Eating', ICUS 1987, Atlanta, Georgia, November 1987  | 1987 |
|             | <p>Typescript draft of Kurti's paper, n.d.; typescript draft reply by J. Audrey Ellison headed 'The Human Food Chain (Committee V) ICUS 1987' and dated 'Atlanta, November 1987'.</p> <p>See also H.684-H.690.</p>   |      |
| F.155       | Lectures 1989  |      |
|             | <p>Manuscript notes, transparencies for lectures at Manchester on 'Physics and the Joys of Life' and at Norwich on 'Food and its Enjoyment'.</p>   |      |



**Lectures and broadcasts, F.1-F.276**

F.156, F.157	<p>'Friends and Foes of the Pleasures of Eating', Friday Evening Discourse Royal Institution London, 25 May 1990</p> <p>Royal Institution Lectures programme, abstracts and manuscript and typescript draft of Kurti's lecture, letter arising.</p> <p>2 folders.</p> <p>For tape of the Discourse see K.65.</p>	1989-1990
F.158-F.162	<p>'Friends + Foes of the pleasures of eating 1990 + lectures 1993-1996'</p> <p>Contents of folder so inscribed divided into five for ease of reference: correspondence, manuscript notes and drafts, transparencies, etc.</p> <p>Includes papers <i>re</i> Kurti's 1990 Royal Institution lecture (see also F.156, F.157) and lectures for Open University (1990), International Wine and Food Society (1994) and in Geneva (1996).</p>	1989-1996
F.163	<p>Lectures on science and gastronomy themes</p> <p>Manuscript notes and typescript draft attached together by treasury tag.</p>	1990-1993
F.164-F.167	<p>'Birmingham, Oxford and the Bomb', Clarendon Laboratory, Oxford, 24 November 1995</p> <p>Manuscript notes, abstract, lecture notice, transparencies, correspondence, etc.</p> <p>4 folders.</p>	1995-1996
F.168, F.169	<p>'Lectures'</p> <p>Contents of folder so inscribed divided into two for ease of reference: manuscript notes, typescript draft, transparencies, background papers for lecture or lectures on atom bomb.</p>	1990, 1996

**Lectures and broadcasts, F.1-F.276**

F.170	<p>Talk in a series of lectures on the theme 'Inside the two cultures'</p> <p>Two typescript drafts, one with manuscript additions and corrections.</p>	1997
F.171-F.173	<p>After dinner speeches</p> <p>Manuscript and typescript notes for after dinner speeches and similar, background papers etc.</p> <p>3 folders.</p>	1970-1983
F.174-F.180	<p>Lectures on ferromagnetism and antiferromagnetism, low temperatures, etc.</p> <p>Contents of folder divided into seven for ease of reference: manuscript and typescript notes and drafts.</p> <p>At F.180 is photograph of equipment.</p>	n.d.
F.181	<p>Untitled manuscript draft</p> <p>Kurti explains that 'I'll first of all talk about the methods of producing a high vacuum...and then will say something about the methods to measure the degree of high vacuum...'</p>	n.d.
F.182	<p>'Bristol'</p> <p>Manuscript draft of lecture on recent experiments relating to ?liquid helium.</p>	n.d.
F.183	<p>Manuscript notes for two talks (same format paper and ink)</p>	n.d.
F.184	<p>'Aberdeen'</p> <p>Manuscript notes, duplicated background papers</p>	n.d.

**Lectures and broadcasts, F.1-F.276**

F.185-F.187	Manuscript and typescript notes and drafts on culinary topics  3 folders.	n.d.
F.188	'Remarks made by Nicholas Kurti after the Graduates' Dinner...transcribed from the audiocassette and slightly edited by Giana Kurti'  Typescript of autobiographical remarks by Kurti. Undated but 1985 or later.	n.d.
F.189	'Science and technology: blessing or curse to the arts?'  Incomplete typescript draft.	n.d.
F.190	Manuscript notes and transparencies for lecture in Hungary  Contents of plastic folder.	n.d.
F.191-F.193	Miscellaneous manuscript and typescript notes and drafts  3 folders.	n.d.
F.194-F.202	Transparencies  Includes transparencies on culinary themes and in Hungarian.  9 folders.	n.d.
F.203-F.208	Background papers.  6 folders.	1959-1984
F.209-F.247	<b>Correspondence re arrangements</b>  Contents of three bulky folders labelled 'Engagements':	<b>1958-1997</b>

**Lectures and broadcasts, F.1-F.276**

principally relate to speaking engagements in the UK to a great variety of audiences including university student societies, schools, Royal Institution and regional groups of professional bodies such as the Institute of Physics and Institution of Electrical Engineers.

F.209	1958, 1959
F.210	1961
F.211-F.213	1962 3 folders.
F.214	1963
F.215	1964
F.216	1965
F.217	1966
F.218	1967
F.219	1968
F.220	1969
F.221	1970



**Lectures and broadcasts, F.1-F.276**

F.222, F.223	1971  2 folders.
F.224	1972
F.225, F.226	1973  2 folders.
F.227, F.228	1974  2 folders.
F.229	1975
F.230	1976
F.231	1977
F.232	1978
F.233	1979  Includes 2pp typescript draft by Kurti 'Scientific research and enquiry: ivory tower or market place? Slaughterhouse or Shangri-La?'
F.234, F.235	1980  2 folders.
F.236	1981

**Lectures and broadcasts, F.1-F.276**

F.237, F.238            1982  
2 folders.

F.239                    1983

F.240                    1984

F.241                    1985

F.242                    1986

F.243                    1987

F.244                    1988

F.245                    1989

F.246                    1990

F.247                    1993-1997

**F.248-F.276            BROADCASTS            1959-1997**

See also K.86-K.104.

F.248-F.256            Drafts

F.257-F.276            Correspondence *re* arrangements

**Lectures and broadcasts, F.1-F.276**

<b>F.248-F.256</b>	<b>Drafts</b>	<b>1961-1997</b>
	<p>Kurti's drafts, broadcast scripts and related papers.</p> <p>Tape recordings of some of Kurti's broadcasts are at K.53-K.85.</p>	
F.248-F.254	<p>'Broadcast and TV talks'</p> <p>Contents of folder so inscribed.</p>	
F.248, F.249	<p>'Low Temperature and Ultimate Order'</p> <p>Duplicated typescript and broadcast script for Kurti's contribution to Granada TV science programme 'Discovery', April.</p> <p>2 folders.</p>	1961
F.250	<p>'Hydrogen - Fuel of the Future'</p> <p>Broadcast script for Kurti's contribution to BBC External Services Programme 'Discovery', March.</p>	1973
F.251	<p>'Sober Thoughts on Cold Facts'</p> <p>Manuscript notes for 'Seminar 6 March 1975' found with television and broadcast material.</p>	1975
F.252	<p>BBC TV programme 'Frontiers of science: towards Absolute Zero' programme 4: 'Nearer to Zero', filmed 31 December 1968</p> <p>Transcript.</p> <p>The film was presented by Dr Mike Leask.</p>	1968, 1969
F.253	<p>'The Frontiers of Knowledge'</p>	n.d.

**Lectures and broadcasts, F.1-F.276**

Duplicated typescript interview with Kurti for 'BBC Topical Tapes'.

F.254	Miscellaneous manuscript notes including notes headed 'From zero to infinity and beyond'	n.d.
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F.255	'Kitchen Science'	1976
	'Filming Schedule' for Bavarian Television, 29-31 March and related correspondence.	

F.256	'Lettre au Père Noel: Mr Kurty'	1996-1997
	Drafts and related papers for Kurti's contribution to Archimede programme on Chaîne 5 of French Television, 24 December 1996.	

<b>F.257-F.276</b>	<b>Correspondence re arrangements</b>	<b>1959-1996</b>
	Includes contracts and letters from viewers of programmes in which Kurti appeared.	

F.257-F.272	'BBC and other films'	1959-1996
	Contents of folder so inscribed.	

F.257	1959	
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F.258, F.259	1960	
	Includes draft treatment and script for programme on 'Absolute Zero' in BBC television Eye on Research series (see also K.86-K.91)	
	2 folders.	



**Lectures and broadcasts, F.1-F.276**

F.260	1961	
F.261, F.262	1964	
	Includes 'Camera Script' for programme on 'Science - Toys & Magic' in BBC Television series 'Horizon'.	
	2 folders.	
F.263	1965-1969	
F.264	1971-1972	
F.265	1973-1974	
F.266	1975-1979	
F.267	1980-1981	
F.268-F.270	1982	
	Re BBC television food programme 'The Proof of the Pudding' filmed partly at the Kurti home and partly at the Clarendon Laboratory.	
	3 folders.	
F.271	1983-1985	
F.272	1988-1996	
F.273-F.275	'Granada'	1960-1961
	Contents of folder so inscribed divided into three for ease	

**Lectures and broadcasts, F.1-F.276**

of reference: correspondence and papers *re* Kurti's contribution to Granada TV's Discovery series of programmes on low temperature physics.

F.276

'Clarendon Laboratory'

1982

Correspondence arising from BBC filming at the Laboratory.

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CONTEMPORARY SCIENTISTS

Catalogue of the papers and correspondence of

**Nicholas Kurti, FRS (1908-1998)**

**VOLUME 2**

Section G: Visits and conferences

Section H: Societies and organisations



By Anna-K. Mayer, Peter Harper and Timothy E. Powell  
NCUACS catalogue no. 165/8/08

SECTION G	VISITS AND CONFERENCES, G.1-G.376	1927-1999
G.1	<p>'Visit to some American Laboratories Engaged in Preparation and Assay of Tracer Elements', March 1946</p> <p>Typescript of report submitted (with W.G. Marley) to the Ministry of Supply, 22 pp.</p>	1946
G.2	<p>'Les Phénomènes Cryomagnétiques: Hommage National à Paul Langevin et Jean Perrin', Collège de France, Paris, France, 16 November 1948</p> <p>Copy of published proceedings.</p>	c. 1948
G.3	<p>International Conference on Low Temperature Physics, Oxford, 1951</p> <p>Copies of circulars, menu of the conference dinner and correspondence <i>re</i> the supply of Wensleydale cheese that was part of the dinner. Also includes correspondence <i>re</i> the proceedings.</p> <p>Wensleydale cheese was difficult to obtain in 1951, owing to continued wartime rationing. Kurti's arrangements to procure the cheese from Yorkshire involved an exchange of it for peacock feathers needed for the Bolton Castle Festival, North Yorkshire. See also G.287, G.288.</p>	1951-1952, 1967-1968
G.4	<p>Science Forum, Schenectady, New York, USA, 25 November 1953</p> <p>Copies of two slightly different versions of Kurti's presentation 'Atomic Nuclei at Very Low Temperatures'.</p>	1953
G.5	<p>IXè Congrès International du Froid, Paris, France, 31 August-7 September 1955</p> <p>?Lecture from conference; copies of two illustrated dinner menus.</p>	1955
G.6	<p>International Conference on Low Temperature Physics, Rice Institute, Houston, Texas, USA, 17-22 December 1955</p> <p>Abstract of Kurti's paper 'Nuclear Orientation Work at the</p>	1955



**Visits and conferences, G.1-G.376**

Clarendon Laboratory'.

G.7-G.9	Visit to the USA, 22 August-11 September 1959  3 folders.	1959
G.7	Report to the Astor Foundation  Copy of Kurti's report to the Astor Foundation, which sponsored the trip. Also includes a letter to Sir William Penney.	
G.8	4th International Symposium on Free Radical Stabilization, Washington, D.C., 31 August-11 September  Programme, preregistration list etc.	
G.9	14th Annual Calorimetry Conference, Yale University, 10-12 September 1959  Copies of circulated material.	
G.10	Discussion on Magnetism and Transition Metals, Oxford 15-16 September 1959  Circulars, programme, list of participants, etc.	1959
G.11	Colloquium on the Occasion of the 25th Anniversary of the Laboratory for Low Temperatures, Catholic University of Leuven, Leuven, Belgium, 9-10 November 1959  Copy of the programme.	1959
G.12	Visit to Israel, 9 March-1 April 1960  Copy of Kurti's schedule.	1960
G.13	'Franz Simon-Gedächtniskolloquium' [Francis Simon Memorial Colloquium], Humboldt-Universität, Berlin, East Germany, 9-11 November 1960	1960  /...

**Visits and conferences, G.1-G.376**

- /...
- Annotated copy of the printed programme, featuring Kurti, K. Mendelssohn etc. Also includes a copy of the programme for the 150th anniversary of the Humboldt-Universität Berlin and the 250th anniversary of the Charité Berlin, 6-20 November 1960. The Francis Simon Memorial Colloquium formed part of these festivities.
- G.14                      Visit to Prague, Czechoslovakia, November 1960                      1960
- Correspondence arising.
- G.15                      International Conference on Properties of Reactor Materials and the Effects of Radiation Damage, Central Electricity Generating Board, Berkeley Nuclear Laboratories, Berkeley Castle, Gloucestershire, 29 May-2 June 1961                      1961
- Copy of the final programme.
- G.16-G.18              Visit to the USA, 30 October-18 November 1961                      1961
- G.16                      Correspondence with the Astor Foundation etc.
- Includes a copy of Kurti's report.
- G.17, G.18              International Conference on High Magnetic Fields, Massachusetts Institute of Technology, Cambridge, Massachusetts, USA, 1-4 November 1961
- G.17 includes a copy of the programme. An annotated typescript of Kurti's presentation 'High Magnetic Fields and Low Temperature Physics' can be found at G.18.
- 2 folders.
- G.19, G.20              Visit to the Philips Research Laboratories, N.V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands, 6-7 February 1962                      1961-1962
- Correspondence etc *re* a meeting of the Low Temperature Group of the Institute of Physics and Physical Society (IPPS), on the present state and future prospects of cryogenics primarily in the liquid hydrogen-liquid helium range. G.19 contains correspondence. Notes (including

**Visits and conferences, G.1-G.376**

notes from an informal preparatory meeting in London on 18 January 1962), copies of a provisional programme, etc. can be found at G.20. See also H.759.

2 folders.

- |            |  |           |
|------------|--|-----------|
| G.21       | Meeting with W.H. Roberts, UKAEA Reactor Engineering Laboratories, Risley, Lancashire, 11 April 1962   | 1961-1962 |
|            | Correspondence etc. <i>re</i> helium vessels and superinsulating materials. Includes drawings of schemes for two types of calorimeter to make measurements of superinsulation.   |           |
| G.22, G.23 | Visit on the Occasion of the Exhibition 'Le Froid et ses Merveilles', Palais de la Découverte, Paris, France, 3 May-31 August 1962   | 1962      |
|            | Correspondence <i>re</i> the exhibition and <i>re</i> Kurti's contribution to the lecture series that accompanied it. Kurti's talk ('Le noyau atomique dans la réalisation des très basses températures') took place on 7 July. An illustrated pamphlet of the exhibition (with a catalogue) can be found at G.23.   |           |
|            | 2 folders.   |           |
| G.24-G.27  | Visit to the USA, 12 August-14 September 1962  | 1962-1963 |
|            | Chiefly correspondence <i>re</i> Kurti's trip to attend the 'Cryogenic Engineering Conference' (University of California, Los Angeles, 14-16 August 1962), the '17th Annual Calorimetry Conference' (University of California, Berkeley, 22-24 August 1962) and the summer meeting of the American Physical Society (Seattle, Washington, 27-29 August). A programme of the calorimetry meeting, where Kurti delivered an after dinner speech entitled 'What's Cooking?', can be found at G.26. G.27 includes correspondence <i>re</i> the cause of the delay of Kurti's outgoing flight and Kurti's report to the Astor Foundation, which helped pay for the visit. |           |
|            | 4 folders.   |           |
| G.28       | Visit to Grenoble, France, 3-5 April 1963  | 1963      |
|            | Correspondence.  |           |



**Visits and conferences, G.1-G.376**

G.29, G.30	<p>High Magnetic Field Conference, Oxford, 10-12 July 1963</p> <p>Notes on planning meetings, circulars, provisional programme, conference booklet etc.</p> <p>2 folders.</p> <p>This conference was sponsored by the Institute of Physics and Physical Society.</p>	1960-1963
G.31, G.31A	<p>Cryogenics meeting of Sulzer Brothers Ltd, Winterthur, Switzerland, 26-27 August 1963</p> <p>Copies of programme, list of participants, typescript of lecture by J. Hännay.</p>	1963
G.32-G.64	<p>Sabbatical 1963-1964</p> <p>The Kurtis spent the sabbatical abroad. Their itinerary ran as follows: after a term at City University, New York (September 1963-January 1964), they spent the spring and part of the summer at the University of California, Berkeley. During this time Kurti delivered the Howard Hughes guest lecture and the Xerox Lecture at Cornell (22 May), followed by a brief visit home in the UK. Leaving San Francisco in mid-June, the Kurtis spent a week on Fiji, to arrive in Auckland, New Zealand, on 22 June. 1-27 July Kurti taught a postgraduate lecture course in low temperature physics at the University of Monash, Australia, also visiting facilities in Melbourne, Newcastle in New South Wales, Canberra and Perth. At the end of July he flew to Hong Kong and embarked on a trip to China (1-9 August), followed by a brief sojourn in Thailand (24-27 August).</p>	1961-1967, n.d.
G.32	<p>'University Registry Correspondence'</p> <p>Contents of a batch so labelled.</p>	1961-1963
G.33	<p>'Travel Plans'</p> <p>Contents of a batch of correspondence so labelled.</p>	1962-1963
G.34-G.39	<p>'City College New York'</p>	1961-1964



**Visits and conferences, G.1-G.376**

Chiefly correspondence.

G.34-G.36 is correspondence *re* arrangements for Kurti's term at City College, New York (CCNY), with labelled batches at G.34, G.35, and loose correspondence (including invitations) in chronological order at G.36.

G.37-G.39 dates from the time of Kurti's stay, with correspondence (in chronological order) at G.37 and G.38. G.39 includes examination questions, including a set of questions in low temperature physics and magnetism from the Honour School of Natural Science, University of Oxford, 1949-1954. Further includes a copy of an outline for a 3-year research programme on 'Thermal Properties in the Temperature Range 0.0001°K-0.1°K' at City College.

6 folders.

At City College, Kurti was Buell G. Gallagher Visiting Professor.

G.40-G.43

'California'

1962-1967

Chiefly correspondence.

G.40, G.41 is chiefly *re* arrangements for Kurti's term at the University of California at Berkeley, with labelled batches at G.40 and loose correspondence (in chronological order) at G.41.

G.42 is *re* Kurti's Howard Hughes guest lecture on 'Megamagnetism and Cryophysics', 12 March 1964. G.43 is *re* his Xerox Lecture on 'Spins and Cryogenics', given at the Materials Science Center of the University of Cornell on 22 May 1964 (see also E.26-E.29).

4 folders.

G.44

'The Royal Society Hungarian Academy of Sciences Exchange of Lecturers'

1964

Copy of the programme of the visit of L. Pál to the UK.

Kurti helped host the Oxford visit of academician Pál on 5 June 1964.

G.45-G.54

'Round the World'

1962-1965

Covers the period 22 June-27 August 1964.

**Visits and conferences, G.1-G.376**

G.45-G.51	Fiji-New Zealand-Australia	1962-1964
Chiefly correspondence.		
G.45-G.47 is chiefly arrangements <i>re</i> Kurti's visit, with correspondence batches 'R.S. Street' at G.45 and 'British Council' at G.46, G.47.		
G.48-G.50 is mixed correspondence in chronological order.		
G.51 includes notices, notes etc.		
7 folders.		
R.S. Street was Professor of Physics at Monash University, Australia, and Kurti's main academic contact in arranging funding and invitations for his antipodean tour.		
G.52, G.53	China	1963-1965
G.52 is correspondence. G.53 includes Kurti's spiral-bound notebook, his 'Notes on a visit to the Shin-An-Chiang Hydro-Electric Power Station ...15th August 1964' and a copy of his published report on the trip 'Notes on a Visit to China, 1-19 August 1964'.		
Includes correspondence in Chinese.		
2 folders.		
G.54	Thailand	1964
Correspondence.		
G.55-G.63	Correspondence with Oxford	1963-1964
In alphabetical order. Includes extensive exchanges with Kurti's secretary at the Clarendon Laboratory (G.55-G.57) and with M.F. Wood of the Oxford Instrument Company (G.60-G.63). G.58 is correspondence Bleaney-Croft, G.59 Geissler-Phillips.		
9 folders.		
G.64	Miscellaneous	n.d.

**Visits and conferences, G.1-G.376**

- |            |   |      |
|------------|---|------|
| G.65, G.66 | <p>Visit to East Berlin, Czechoslovakia and Hungary, September-October 1964</p> <p>Chiefly correspondence <i>re</i> Kurti's visit to East Berlin (28 September-4 October), Prague (4-7 October) and Budapest (7-14 October). In Berlin Kurti attended and contributed to a memorial symposium for the German chemist W. Nernst. In Prague and Budapest he was at the invitation of the Academy of Sciences of the respective country. Also includes a programme of the 'Walther-Nernst-Gedächtnissymposium'.</p> <p>2 folders.</p> <p>Includes correspondence in Hungarian.</p> | 1964 |
| <br>       |   |      |
| G.67       | <p>Conference on Cryogenics in Relation to Vacuum, Institution of Electrical Engineers, London, 26 February 1965</p> <p>Programme and list of participants.</p>   | 1965 |
| <br>       |   |      |
| G.68       | <p>Symposium on Superconducting Magnets, Clarendon Laboratory, Oxford, 22 April 1965</p> <p>Draft programme and conference booklet.</p>   | 1965 |
| <br>       |   |      |
| G.69       | <p>European Symposium on 'Electrical Conduction at Low Temperatures', Royal Aeronautical Society, London, 20-21 May 1965</p> <p>Programme and conference booklet (with annotations in Kurti's hand).</p>  | 1965 |
| <br>       |   |      |
| G.70-G.73  | <p>'Reunion of the International Institute of Refrigeration, Commission 1', Grenoble, France, 9-11 June 1965</p> <p>Provisional programme (including the Ladies' programme), final programme and set of abstracts, lists of participants, etc. Also includes a pack for the inauguration of the Centre d'Études Cryogéniques de L'Air Liquide (Sassenage, France) on 11 June 1965.</p> <p>The reunion was preceded by 'Lectures on Liquid Hydrogen' on 8 June 1965 (programme included).</p> <p>4 folders.</p>  | 1965 |



**Visits and conferences, G.1-G.376**

- |           |   |           |
|-----------|---|-----------|
| G.74-G.76 | Visit to Rumania, 9-19 September 1965   | 1965      |
|           | <p>Correspondence and reports on the visit (including reports by the pharmacologist A.S.V. Burgen and the chemist A.J. Birch, who joined Kurti in this visit). Also includes offprints (in Rumanian, French and German) from Rumanian scientists.</p> <p>3 folders.</p> |           |
| G.77      | Inauguration of the Deep Low Temperature Helium Refrigerator, Rutherford High Energy Laboratory, Chilton, Didcot, Berkshire, 20 October 1965  | 1965      |
|           | <p>Includes programme, list of 'People You May Meet', press statement by British Oxygen Company (BOC) Ltd, photograph of the helium refrigerator, etc.</p>  |           |
| G.78      | 'Journée d'étude sur la création des champs magnétiques intenses et leur utilisation en physique', Saclay, France, 22 February 1966   | 1966      |
|           | <p>Programme and list of participants (in French).</p>  |           |
| G.79      | Visit to New York, USA, March 1966  | 1965-1966 |
|           | <p>Correspondence.</p>  |           |
| G.80      | Informal Discussion on 'European Cooperation in the Field of Practical Applications of Superconducting Materials', Royal Society, London, 17 December 1966  | 1966      |
|           | <p>Agenda, copy of Kurti's report.</p> <p>This meeting was held to discuss arrangements for the Royal Society-Wates Study Conference on Superconductor Technology in Europe, London, 3 June 1967 (G.86).</p>  |           |
| G.81-G.85 | 'Journées internationales des états extrêmes de la matière aux très hautes et très basses températures, très hautes et très basses pressions', Paris, France, 4-8 April 1967  | 1965-1968 |
|           | <p>The conference was organised by the Institut Français des Combustibles et de l'Énergie (IFCE).</p>   |           |



**Visits and conferences, G.1-G.376**

- G.81 Correspondence and typescript of Kurti's paper on 'The Millidegree and Microdegree Absolute Temperature Range: the Problem and the Realization'
- G.82 Conference programme; manuscript draft of Kurti's introductory remarks (in French); etc.
- G.83 Correspondence *re* the published (French) version of Kurti's paper, and publication of remarks he made at the conference banquet
- Also includes a copy of Kurti's comments on a paper by H.M. Strong.
- G.84, G.85 Drafts and offprints of other papers presented
- 2 folders.
- G.86 Conference on Physics in Industrial Research, Manchester, 19-20 April 1967 1967
- Invitation, programme, Kurti's notes etc.
- Kurti opened this conference.
- G.87 Royal Society-Wates Study Conference on Superconductor Technology in Europe, London, 3 June 1967 1966-1967
- Correspondence and papers *re* arrangements and arising, programme, summary report.
- Material *re* informal discussion meeting preceding the Conference, 17 December 1966, is at G.80.
- G.88-G.90 International Advanced Summer Physics Institute on 'Physics of Solids in Intense Magnetic Fields', Chania, Crete, Greece, 16-29 July 1967 1966-1967
- Grant application of E.D. Haidemenakis, correspondence, programme etc.
- See also F.29, F.30, J.153. /...

**Visits and conferences, G.1-G.376**

- /... 3 folders.
- A number of scheduled speakers withdrew from the meeting in the aftermath of the military coup in Greece in the spring of 1967.
- G.91 XIIth International Congress of Refrigeration, Madrid, Spain, 30 August-6 September 1967 1967-1968
- Correspondence, chiefly *re* Kurti's presentation on 'Low Temperatures in the Generation and Transmission of Electric Power'. See also H.468.
- G.92, G.93 Symposium on Physics and Magnetic Fields in Honour of Francis Bitter, Massachusetts Institute of Technology, Cambridge, Mass., USA, 20-21 November 1967 1937, 1967
- Correspondence, programme, etc. Includes a letter *re* magnets from F. Bitter to F.E. Simon, 11 June 1937 (with illustration).
- 2 folders.
- G.94 Symposium on Low Temperature Devices, Salford University, Lancashire, 9-10 April 1968 1968
- Report of the meeting.
- G.95, G.96 Visit to the Netherlands, 9-13 June 1968 1967-1968
- Correspondence; Kurti's report.
- 2 folders.
- G.97 Science of Science Foundation discussion on 'Measuring the Effectiveness of Scientific Research and Research Workers', London, 18 September 1968 1968
- Correspondence, list of participants, summary of a UNESCO project on research organisation (under P.-H. Giscard).

# Visits and conferences, G.1-G.376

- |       |  |      |
|-------|--|------|
| G.98  | <p>European Study Conference on 'The Technological Aspects of Large Superconducting Magnets', CERN, Geneva, Switzerland, 25 October 1968</p> <p>Conference minutes.</p>  | 1968 |
| G.99  | <p>Meeting to discuss the career prospects of young physicists with a doctor's degree, CNRS, Paris, France, February 1969</p> <p>Correspondence following Kurti's report.</p>  | 1969 |
| G.100 | <p>'Postgraduate Education Centre: Low Temperature Technology', Harwell, Berks, 17-20 March 1969</p> <p>Programme, list of students.</p>   | 1969 |
| G.101 | <p>Conference on 'Low Temperatures and Electric Power', Royal Society, London, 24-26 March 1969</p> <p>Programme and list of participants.</p> <p>The meeting was organised under the aegis of Commission 1 of the International Institute of Refrigeration (IIR/IIF).</p> | 1969 |
| G.102 | <p>Course on the Technology of Temperatures Below 20° K, British Academy, London, 27-28 March 1969</p> <p>Announcement; programme; Kurti's manuscript notes.</p>   | 1969 |
| G.103 | <p>'Cross Channel Transport: Under, Over and On', College of Aeronautics, Cranfield, Bedfordshire, 19-20 July 1969</p> <p>Announcement, programme, acceptance list. See also H.107-H.112.</p>  | 1969 |
| G.104 | <p>'High Magnetic Fields and Their Applications', University of Nottingham, 17-19 September 1969</p> <p>Correspondence, minutes, conference announcement, provisional list of participants, fragment of conference report (in Kurti's hand).</p>                           | 1969 |

/...

**Visits and conferences, G.1-G.376**

- /...
- This was the fourth in a series of international conferences on the subject, the first being held in 1961 (MIT), the second in 1963 (Oxford), the third in 1966 (Grenoble).
- G.105                      Visit to Helsinki, Finland, September 1969                      1967, 1969
- Correspondence with O.V. Lounasmaa, draft of Kurti's lecture on 'Nuclear Cooling' (dated 24 September 1969).
- G.106                      Visit to Philips Research Exhibition, Philips Research Laboratories, Eindhoven, The Netherlands, 31 October 1969                      1969
- Exhibition booklet, list of visitors on the day.
- G.107                      Visit to the International Research & Development Co Ltd, Newcastle Upon Tyne, 16 December 1969                      1969
- Correspondence.
- G.108-G.110              Miscellaneous, 1960s                      1965-1969, n.d.
- Declined invitations, cancelled meetings, etc.
- 3 folders.
- G.111-G.113              Visit to the USA, April 1970                      1970
- Chiefly correspondence.
- A copy of the proceedings of the 'Symposium on the Production and Use of Ultra-Low Temperatures', Naval Research Laboratory, Washington, DC, 23-24 April 1970, is at G.113.
- 3 folders.
- G.114                      Simon Memorial Prize presentation, Cambridge, 14 May 1970                      1970
- Monochrome photograph of the ceremony inscribed on the back with a message from the low temperature physicist L. Rinderer.



**Visits and conferences, G.1-G.376**

- |              |  |      |
|--------------|--|------|
| G.115        | <p>Third International Cryogenic Engineering Conference and Exhibition (ICEC 3), West Berlin, Germany, 25-27 May 1970</p> <p>Copy of the programme, list of participants, typescript of Kurti's contribution, correspondence <i>re</i> publication of proceedings.</p> <p>Kurti spoke on 'Problems of cooling below 1 mK'.</p>   | 1970 |
| G.116        | <p>European Physical Society Summer School on Low Temperature Physics', Twente, The Netherlands, 22 June-4 July 1970</p> <p>Copy of the preliminary programme, abstracts etc.</p>  | 1970 |
| G.117        | <p>Twelfth International Conference on Low Temperature Physics (LT 12), Kyoto, Japan, 4-10 September 1970</p> <p>Copy of the third notice.</p>   | 1970 |
| G.118        | <p>Conférence Internationale de Magnétisme 1970, Grenoble, France, 14-19 September 1970</p> <p>List of participants.</p>   | 1970 |
| G.119, G.120 | <p>Summer Course on Low Temperature Physics for the Verein Schweizerischer Mathematik- und Physiklehrer [Association of Swiss Mathematics and Physics Teachers], Zürich, Switzerland, 7-10 October 1970</p> <p>Correspondence, provisional programme, synopsis (in English) of Kurti's lecture on 'Les températures les plus basses', etc. G.120 is drafts (handwritten and typescript, English and French).</p> <p>2 folders.</p> | 1970 |
| G.121        | <p>Departmental dinner, Department of Physics, University of Exeter, 4 March 1971</p> <p>Correspondence.</p>   | 1970 |

**Visits and conferences, G.1-G.376**

G.122	<p>'Engineering Application of Superconductivity', discussion meeting hosted by International Research &amp; Development Co Ltd, Newcastle Upon Tyne, 3 May 1971</p> <p>Copy of statement to the Science Research Council on the discussion meeting.</p>	1971
G.123, G.124	<p>Visit to the South of France, 26 May-2 June 1971</p> <p>Schedules, correspondence etc. <i>re</i> a visit with Sir Harold Thompson, J. Kendrew and J.-F. Miquel. At G.124 is Kurti's report in various stages of composition.</p> <p>2 folders.</p>	1971
G.125-G.137	<p>'World Trip'</p> <p>Kurti's world trip covered the period 20 June-4 September 1971. The itinerary ran roughly as follows: Copenhagen (20-22 June); Leningrad, Tbilisi, Moscow (22 June-1 July); Japan (2-31 July); Australia (1-14 August); USA (15 August-4 September).</p>	1970-1971
G.125	<p>Travel arrangements</p> <p>Flight schedules and correspondence <i>re</i> them.</p>	1971
G.126	<p>Copenhagen</p> <p>Correspondence.</p>	1971
G.127, G.128	<p>Soviet Union</p> <p>G.127 is correspondence, G.128 drafts of Kurti's report.</p> <p>2 folders.</p>	1971
G.129-G.132	<p>Japan</p> <p>G.129-G.131 is correspondence. Kurti's report is at G.132.</p> <p>4 folders.</p>	1970, 1971

**Visits and conferences, G.1-G.376**

- |             |   |            |
|-------------|---|------------|
| G.133       | Australia<br><br>Correspondence.  | 1971       |
| G.134       | United States of America<br><br>Correspondence etc., chiefly about the XIIIth International Congress of Refrigeration, Washington, DC, 27 August-3 September 1971. Also includes correspondence (in Hungarian) with Kurti's friend, C. Vambery.   | 1970, 1971 |
| G.135-G.137 | Oxford Correspondence<br><br>Correspondence with colleagues at home and <i>re</i> mail arriving while Kurti was abroad. Includes drafts of Kurti's report on the international magnetism conference in Grenoble in 1970, his comments on an OECD Report on science policy, correspondence with J. Reynolds of British Insulated Callender's Cables <i>re</i> research into cryoresistive cables in Japan, accounts of the Kurtis's experiences while travelling, etc.<br><br>3 folders. | 1971       |
| G.138       | Visit to Helsinki, 30 September-23 October 1971<br><br>Correspondence. Kurti acted as external examiner of R. Gylling's thesis and attended an extraordinary meeting of the Finnish Academy of Science and Letters.   | 1971       |
| G.139       | Discussion on dielectric design criteria for solid-insulated superconducting a.c. cables, etc., Institution of Electrical Engineers, 3 March 1972<br><br>Correspondence, chiefly <i>re</i> the publication of Kurti's contribution.   | 1972-1973  |
| G.140       | 'How to be a Physicist - and let others enjoy it', 12th Royal Society BAYS Lecture, Liverpool, 23 March 1972<br><br>Correspondence.<br><br>The BAYS (British Association Young Scientists) lecture is primarily intended for science 5th and 6th formers.   | 1972       |

**Visits and conferences, G.1-G.376**

- |             |   |           |
|-------------|---|-----------|
| G.141       | <p>Europhysics Study Conference on 'Thermometry and Thermal Contact Below 50 mK', Albé, France, 11-14 April 1972</p> <p>Programme; conference information; correspondence; Kurti's report on proceedings.</p> <p>See also H.450.</p>  | 1971-1972 |
| G.142       | <p>Fourth International Cryogenic Engineering Conference (ICEC 4), Eindhoven, The Netherlands, 24-26 May 1972</p> <p>Correspondence; copies (master and corrected) of Kurti's report on a 'Seminar on Magnetic Levitation and Power Transmission' on 25 May.</p>  | 1971-1972 |
| G.143-G.145 | <p>Colloquium on 'Science and Society', St. Paul-de-Vence, Alpes-Maritimes, France, 5-7 June 1972</p> <p>Correspondence, circulars, provisional programme, list of participants, draft and final report of the meeting, etc.</p> <p>3 folders.</p> <p>Kurti missed the end of the proceedings to attend a conference on electricity in Paris (see G.146).</p> | 1971-1973 |
| G.146       | <p>Symposium 'Électricité 2000', Paris, France, 7-9 June 1972</p> <p>Copy of published proceedings.</p>   | 1972      |
| G.147       | <p>Symposium on the Occasion of the Retirement of H.B.G. Casimir, Eindhoven, Netherlands, 14 June 1972</p> <p>Copy of the programme.</p>  | 1972      |
| G.148       | <p>Third International Conference and Sixth Annual Meeting of CODATA, Le Creusot, France, 26-29 June 1972</p> <p>Correspondence.</p> <p>See also H.570.</p>   | 1972      |



**Visits and conferences, G.1-G.376**

- |              |   |                           |
|--------------|---|---------------------------|
| G.149, G.150 | Science Research Council Vacation Course in Physics, 'Fundamental and Technical Aspects of Magnetism and Related Topics', Nottingham, 17 July-3 August 1972   | 1960, 1970,<br>1972, n.d. |
|              | <p>G.149 is correspondence etc. G.150 is miscellaneous material recycled here for Kurti's lectures at this summer school. Includes copies of a lecture (in French) on adiabatic demagnetisation, part of a transcript of a television programme on 'Absolute Zero' (both from May 1960, see K.86-K.91), correspondence with B.S. Blaisse and notes (1970?), etc.</p> <p>2 folders.</p>  |                           |
| G.151        | Thirteenth International Conference on Low Temperature Physics (LT 13), Boulder, Colorado, USA, 21-25 August 1972   | 1972                      |
|              | <p>Correspondence and copy of the final programme.</p>  |                           |
| G.152-G.154  | Visit to the USA, September 1972  | 1971-1972                 |
|              | <p>Correspondence, flyers, etc.</p> <p>G.152 is <i>re</i> a lecture by Kurti on 'Physics and Happiness: A Balance Sheet' in Salt Lake City, 18 September. G.153, G.154 concerns the Fiftieth Anniversary (and the XIVth General Assembly) of the International Union of Pure and Applied Physics (IUPAP) in Washington, DC, 20-25 September (see also H.727, H.728). Also includes material <i>re</i> a presentation by Kurti at the National Bureau of Standards, Washington, DC, on 26 September.</p> <p>3 folders.</p> |                           |
| G.155        | Visit to the British Railways Research Laboratories, Derby, 16 November 1972  | 1972                      |
|              | <p>Copy of the schedule etc.</p>  |                           |
| G.156        | Visit to the University of Essex, November 1972   | 1972                      |
|              | <p>Correspondence.</p>  |                           |

**Visits and conferences, G.1-G.376**

G.157-G.160	Visit to Rumania and Hungary, 21 March-11 April 1973	1972-1974
G.157-G.159	<p>Rumania</p> <p>At G.157 is correspondence and manuscript draft for a presentation on 'Nuclear Cooling and Nuclear Refrigeration' given in Bucharest on 30 March (and repeated in Debrecen on 6 April). At G.158, G.159 are Kurti's report on his visit (in various stages of completion) and copies of reports of previous visitors to Rumania under Royal Society auspices.</p> <p>3 folders.</p>	1973-1974
G.160	<p>Hungary</p> <p>Correspondence (some in Hungarian). Also includes announcements of Kurti's presentations and newspaper coverage of his visit.</p>	1972-1973
G.161	<p>Congrès du Centenaire de la Société Française de Physique, Vittel, France, 28 May-2 June 1973</p> <p>Conference booklet, correspondence.</p>	1973
G.162	<p>'Cours Internationaux Post-Universitaires', Gand (Gent), Belgium, 19-25 August 1973</p> <p>Summary of Kurti's contribution.</p>	1973
G.163, G.164	<p>'Franco-British Centenary Conference', St Helier, Jersey, 5-9 April 1974</p> <p>Correspondence (chiefly circulars). A bound copy of abstracts is at G.164.</p> <p>This meeting was arranged to coincide with the 100th anniversaries of the UK Physical Society and the French counterpart. See H.768-H.780.</p>	1971-1974
G.165-G.167	<p>Seminar on Energy Technology, British Insulated Callender's Cables, London, 17 April 1974</p> <p>Correspondence, synopses of papers presented, notes on</p>	1974

**Visits and conferences, G.1-G.376**

the discussion, typescript of Kurti's (expanded) introductory review of current views on the future course of energy technology, etc.

3 folders.

G.168	Fifth International Cryogenic Engineering Conference (ICEC 5), Kyoto, Japan, 14-17 May 1974	1973
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Correspondence.

G.168A	Royal Society discussion meeting on Food Technology in the 1980s, London, 22-23 May 1974	1974
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Programme; remarks made by Kurti.

G.169	'Peierls Symposium', Oxford, 11-12 July 1974	1974
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Programme, list of participants, high table seating plan etc.

The occasion for this symposium was R.E. Peierls's retirement.

G.170-G.175	'Physique sous Champs Magnetiques Intenses-Physics in High Magnetic Fields', Grenoble, France, 18-21 September 1974	1964, 1974, n.d.
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G.170 is correspondence (some in French). G.171 is Kurti's presentation on 'High Magnetic Fields: in retrospect and prospect' (handwritten, in French; typescript abstract in English). G.172 is copies of the conference announcement, programme, etc. G.173 is a bound copy of abstracts. G.174 is correspondence etc. *re* the publication of Kurti's presentation. G.175 is miscellaneous (includes Russian offprints with handwritten dedication to Kurti).

6 folders.

G.176	Visit to Hungary, 12-25 October 1974	1973-1974
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Correspondence (some in Hungarian), etc.

During his visit Kurti attended the conference on Dielectric and Phonons (a meeting of the European Physical Society Condensed Matter Division), Budapest, 21-25 October 1974.



**Visits and conferences, G.1-G.376**

- |              |   |           |
|--------------|---|-----------|
| G.177-G.181  | Visit to West Germany, 18-21 April 1975   | 1964x1975 |
|              | <p>G.177 is correspondence <i>re</i> Kurti's visit to Karlsruhe, Würzburg and Stuttgart. Also includes a handwritten draft of Kurti's lecture in Karlsruhe and Würzburg. G.178-G.180 is lecture notes and draft lectures dating from c.1964 onwards, presented in locations all over the globe; mostly handwritten and in English, but including typescripts and material in German and French. G.181 is loose miscellaneous notes.</p> <p>5 folders.</p> |           |
| G.182-G.184  | 'The Hungarian Academy of Sciences 150th Anniversary', Budapest, Hungary, 5-8 May 1975  | 1975      |
|              | <p>Includes correspondence, typescripts of Kurti's address during the festivities, programme, list of participants, report on the visit, media coverage, etc. Much of the material is in Hungarian.</p> <p>3 folders.</p> <p>See also J.389.</p>  |           |
| G.185        | '39. Physikertagung 1975 München' (Meeting of the Deutsche Physikalische Gesellschaft), Munich, West Germany, 31 August-5 September 1975  | 1975      |
|              | <p>Correspondence etc. Includes a dinner speech (in German).</p>  |           |
| G.186        | European Physical Society Third General Conference on 'Energy and Physics', Bucharest, Rumania, 9-12 September 1975   | 1973-1975 |
|              | <p>Programme, lists of participants, set of abstracts etc.</p>  |           |
| G.187, G.188 | 'The Chemical Age', round table meeting of the Special Commission on Internal Pollution (SCIP), London, 22-24 October 1975  | 1975-1976 |
|              | <p>Correspondence, programme, etc. Includes circulated papers.</p> <p>2 folders.</p>  |           |

/...



**Visits and conferences, G.1-G.376**

- /... The organisers described SCIP as 'essentially a "think tank" of a completely independent nature, unsponsored by governments or international organisation'.
- G.189-G.191 Visit to the USA, 7-30 November 1975 1975
- Correspondence *re* Kurti's trip, which included visits to academic and industrial institutions on both coasts.
- 3 folders.
- G.192 Visit to Berlin, East Germany, 12-17 December 1975 1975-1977
- Correspondence. Also includes a handwritten copy of Kurti's presentation 'Vom Nernst'schen Wärmesatz' [on the Nernst heat theorem], given on the occasion of the 75th anniversary of the publication of M. Planck's paper which laid the foundations of the quantum.
- G.193-G.196 Visits to scientific institutions in Hungary, 18 September-4 October 1976 1971, 1976-1978, n.d.
- G.193 is correspondence. G.194 is outlines and drafts of presentations (in Hungarian). G.195 is two sets of transparencies, one of them a time chart of high magnetic field facilities (in English)). G.196 is schedules of the visit and correspondence. Includes Kurti's report.
- 4 folders.
- G.197 International Conference on Superconducting Quantum Devices (IC SQUID), Berlin, West Germany, 5-8 October 1976 1975
- Correspondence. For evidence that Kurti participated, see G.192.
- G.198 'Ouverture de l'Année Cailletet pour commémorer le Centième Anniversaire de la Liquéfaction de l'Oxygène' [100th anniversary of the first liquefaction of oxygen], Châtillon-sur-Seine, France, 3 December 1977 1977?
- Includes a copy of Kurti's remarks on the occasion.

**Visits and conferences, G.1-G.376**

- |             |  |            |
|-------------|--|------------|
| G.199       | <p>Fifteenth International Conference on Low Temperature Physics (LT 15), Grenoble, France, 23-29 August 1978</p> <p>Copy of the programme, list of participants, Kurti's notes on the best poster-session presentations, etc.</p> <p>Also includes Kurti's typescript 'Note on the Franco-Swedish meeting on Energy Economics held 17-18 March 1977 in Grenoble, France'.</p> | 1977, 1978 |
| G.200       | <p>'The Applications of High Magnetic Fields in Semiconductor Physics', Oxford, September 1978</p> <p>Correspondence (chiefly <i>re</i> supply of coffee to conference delegates), list of participants, handwritten draft of Kurti's introduction, etc.</p>   | 1978       |
| G.201       | <p>International Assembly on Energy Storage, Dubrovnik, Yugoslavia, 27 May-1 June 1979</p> <p>Correspondence, copies of Kurti's introductory remarks as chairman of the Panel on Thermal and Thermochemical Energy Storage.</p>  | 1979       |
| G.202-G.211 | <p>Sabbatical at Amherst College, Massachusetts, USA, September-December 1979</p>  | 1979, 1984 |
| G.202-G.210 | <p>Teaching</p> <p>Includes correspondence (G.202), Kurti's notebook (G.203), loose lecture notes etc. (G.204, G.205), transparencies (G.206), and examination questions including some unmarked scripts (G.207-G.209).</p> <p>9 folders.</p> <p>Kurti taught 'Physics 75' in the Fall Semester of 1979.</p>   | 1975, 1984 |
| G.211       | <p>Seminars</p> <p>Announcements of Kurti's seminars, including 'An Historical Survey of Nuclear Cooling and Nuclear Refrigeration' (includes a handwritten draft), 'A Physicist in the Kitchen', and 'Physics and Happiness' ('An informal talk with slides to discuss ways in which physics can</p>  | 1979       |

**Visits and conferences, G.1-G.376**

contribute to happiness by enhancing the pleasures derived from the stimulation of the senses - especially tactile, auditory and visual').

G.212, G.213	Miscellaneous, 1970s  Declined invitations, cancelled meetings, etc.  2 folders.	1969-1978, n.d.
G.214	Oxford Symposium on Food and Cookery, St Antony's College, Oxford, May 1980, and Food and Wine Festival, London, 23-26 May 1980  Press clipping etc. <i>re</i> Oxford symposium and copy of the Food and Wine Festival programme.	1980
G.215	Joint meeting of the Royal Society and the American Philosophical Society, London, 5 June 1980  Programme and list of participants.	1980
G.216	Visit to 'Budapest-Vienna', 9-26 September 1980  Correspondence.	1980
G.217	Institution of Chemical Engineers meeting on Heat Pumps - Energy Savers in Process Industry, Salford, 7-8 April 1981  Correspondence <i>re</i> arrangements and arising.	1980-1981
G.218	Meeting on 'The History of Discovering\Zur Geschichte des Entdeckens', Wolfenbüttel, West Germany, 6-8 July 1981  Correspondence, provisional list of participants, draft of Kurti's presentation on discovery in physics, etc.	1976, 1980, 1988, n.d.
G.219, G.219A	Sixteenth International Conference on Low Temperature Physics (LT-16), University of California at Los Angeles, USA, 19-25 August 1981	1981

**Visits and conferences, G.1-G.376**

Correspondence *re* arrangements, programme, typescript of Kurti's talk.

2 folders.

Kurti gave a plenary talk on 'From the first mist of liquid oxygen to nuclear ordering: anecdotes from the history of refrigeration'.

G.220-G.223	Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 19-20 September 1981	1981
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Correspondence, programme, list of participants, proceedings, etc.

Proceedings at G.221-G.223 includes drafts of Kurti's contribution to *Symposium Fare*, a collection of recipes for the dishes enjoyed on the occasion.

4 folders.

G.224	Visit to Israel, 14-31 October 1981	1981
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Correspondence, itinerary, etc.

G.225	Visit to the USA and Canada, 25 March-27 April 1982	1982, 1986
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Correspondence, including *re* Kurti's share in a class action lawsuit against several US airlines alleged to have been involved in violations of antitrust law.

G.226, G.227	Meeting on the Application of High Magnetic Fields in Semiconductor Physics, Grenoble, France, 13-17 September 1982	1982-1983
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Correspondence and drafts of Kurti's presentation 'Magnets I have known'. Includes three monochrome photographs of the ?Bellevue magnet (with negatives).

2 folders.

G.228-G.233	Anglo-Hungarian Round Table Discussion on Energy Resources, 20-24 September 1982	1981-1982
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Correspondence, programme schedule, reports, etc.



**Visits and conferences, G.1-G.376**

Kurti's report is at G.232. Includes material in Hungarian.

6 folders.

- |             |   |           |
|-------------|---|-----------|
| G.234       | Ceremony to Commemorate the 50th Anniversary of the First Liquefaction of Helium in the UK, ?Oxford, 8 January 1983   | 1983      |
|             | List of participants.   |           |
| <br>        |   |           |
| G.235-G.237 | Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 24-26 June 1983  | 1983      |
|             | Circulars, delegates' contributions, copy of the proceedings, list of participants.   |           |
|             | 3 folders.  |           |
| <br>        |   |           |
| G.238       | Meeting on Ecological Effects of Deposited Sulphur and Nitrogen Compounds, Royal Society, London, 5-7 September 1983  | 1983      |
|             | Programme, abstracts, list of participants, etc.  |           |
| <br>        |   |           |
| G.239       | Department of Engineering Science, Oxford '75th Anniversary Celebration', 28 September 1983   | 1983      |
|             | Copy of the programme.  |           |
| <br>        |   |           |
| G.240       | Visit to Hungary, ?6-20 October 1983  | 1982-1983 |
|             | Correspondence (some in Hungarian), including <i>re</i> the Fifth Ethnological Food Research Conference (Mátrafüred, 16-20 October), which Kurti attended, and <i>re</i> a paper by Kurti on 'Science and Technology: Blessing or Curse to the Arts'. |           |
| <br>        |   |           |
| G.241-G.247 | Conference on Coal as an Energy Source, Budapest, Hungary, 28-30 May 1984   | 1982-1986 |
|             | Correspondence, circulars, list of participants, etc.   |           |
|             | A copy of Kurti's introduction at the first session is at   |           |

**Visits and conferences, G.1-G.376**

G.246, his account of the discussion at the last session at G.247. Includes material in Hungarian.

7 folders.

Tape recordings of the discussion at the end of the conference are at K.57-K.59.

The conference had been preceded by a preparatory meeting held also in Hungary, 18-19 April 1983.

To Kurti's dismay, the proceedings of the meeting were not published.

- |             |  |      |
|-------------|--|------|
| G.248       | Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 30 June-1 July 1984                                   | 1984 |
|             | Correspondence, draft of Kurti's contribution.   |      |
| G.249       | Royal Society discussion meeting on 'Technology in the 1990s: Agriculture and Food', London, 17-18 October 1984          | 1984 |
|             | Programme, abstracts, list of participants.  |      |
| G.250       | 'Modelling of Economic and Technical Processes', Balatonfüred, Hungary, 27-31 May 1985                                   | 1985 |
|             | Correspondence; copy of lecture of Armand Hammer delivered at 1984 Conference on Coal as an Energy Source (G.241-G.247). |      |
| G.251-G.253 | Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 29-30 June 1985                                       | 1985 |
|             | Correspondence, circulars, programme, copy of proceedings, etc.  |      |
|             | 3 folders.   |      |
| G.254       | Eleventh International Cryogenic Engineering Conference (ICEC 11), Berlin, West Germany, 22-25 April 1986                | 1986 |
|             | Correspondence.  |      |

**Visits and conferences, G.1-G.376**

G.255-G.257	<p>Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 28-29 June 1986</p> <p>Correspondence, circulars, programme, list of participants, etc. G.256, G.257 is pre-circulated contributions.</p> <p>3 folders.</p>	1985-1986
G.258	<p>Conference in Hungary, 4-9 August 1986</p> <p>Correspondence (English and Hungarian).</p>	1985
G.259-G.262	<p>Trip to the USA, Australia and New Zealand, 11 September-1 November 1986</p> <p>Correspondence.</p> <p>4 folders.</p>	1985-1986
G.263, G.264	<p>'Physics and Culture', Como, Italy, 18 March 1987</p> <p>Correspondence etc.</p> <p>A copy of Kurti's presentation 'How Can Physics Contribute to the Evolution of Culture' is at G.264. Includes transparencies.</p> <p>2 folders.</p>	1986x1987
G.265-G.267	<p>Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 27-28 June 1987</p> <p>Circulars, programme, list of participants, etc. At G.266, G.267 are pre-circulated contributions.</p> <p>3 folders.</p>	1986-1987
G.268, G.269	<p>Meeting on 'Superconductivity: The Opportunities, Implications and Application', London, 19 October 1987</p> <p>Correspondence etc.</p> <p>2 folders.</p>	1987

**Visits and conferences, G.1-G.376**

G.270, G.271	<p>Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 25-26 June 1988</p> <p>Circulars, programme, list of participants, etc. G.270 is pre-circulated contributions.</p> <p>2 folders.</p>	1988
G.272	<p>Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 24-25 June 1989</p> <p>Circulars, programme, list of participants, etc.</p>	1989
G.273	<p>'Liberal Democratic Societies: Their Present State and Their Future Prospects', London, 25-29 August 1989</p> <p>Correspondence, programme, list of participants, etc.</p>	1989
G.274	<p>International Conference on Energy Alternatives Risk Education, Balaton, Hungary, 7-13 September 1989</p> <p>Programme etc. Includes a typescript draft of Kurti's presentation on 'Thermodynamics, economics, comfort: how to heat a house'.</p> <p>See also K.7.</p>	1989
G.275	<p>British Nutrition Foundation Annual Conference on 'How Safe is Our Food?', London, 30 October 1989</p> <p>Includes programme, abstracts, list of participants etc.</p>	1989
G.276	<p>Miscellaneous, 1980s</p> <p>Correspondence etc.</p>	1982, 1984, 1986, 1989
G.277	<p>Meeting, '?Énergie du Futur?', [unknown location], [19] March 1990</p> <p>Copy of Kurti's paper on 'L'Emploi Efficace de l'Énergie'.</p>	1990



**Visits and conferences, G.1-G.376**

- |              |   |                     |
|--------------|---|---------------------|
| G.278        | 'Food Matters', Exhibition and Soirée on Science into Industry, Royal Society, London, 10 May 1990<br><br>Correspondence, programme, etc.<br><br>Kurti presented and exhibited.   | 1990                |
| <br>         |   |                     |
| G.279        | British Nutrition Foundation Annual Conference on 'Why We Eat What We Eat', London, 27 June 1990<br><br>Includes programme and abstracts.   | 1990                |
| <br>         |   |                     |
| G.280, G.281 | International Conference on Low Temperature Physics, Brighton, Sussex, 16-22 August 1990<br><br>Copies of the conference booklet, list of participants, annotated typescript of Kurti's remarks at the opening ceremony (with transparencies) etc.<br><br>2 folders.  | 1990                |
| <br>         |   |                     |
| G.282-G.288  | Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 22-23 September 1990   | 1951-1990           |
| <br>         |   |                     |
| G.282, G.283 | Symposium<br><br>Correspondence, circulars, etc. Proceedings at G.283<br><br>2 folders.   | 1990                |
| <br>         |   |                     |
| G.284-G.288  | Kurti's contribution<br><br>Includes correspondence (G.284), drafts of Kurti's contribution (G.285) and additional material (G.286-G.288). G.287, G.288 is chiefly correspondence <i>re</i> arrangements for the conference dinner of the International Conference on Low Temperature Physics, Oxford, 1951. See G.3.<br><br>5 folders. | 1951, 1955,<br>1990 |
| <br>         |   |                     |
| G.289        | Meeting, 'Énergie du Futur?', [unknown location], [8] April 1991  | 1991                |

**Visits and conferences, G.1-G.376**

Handwritten draft of Kurti's contribution (in French), etc.

Recycles Kurti's 1989 paper on 'Thermodynamics, Economics and Comfort' (see G.274).

G.290	'IVth International Workshop on Low Temperature Particle Detectors', Oxford, 4-6 September 1991	1991
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Correspondence, copy of Kurti's after-dinner speech. Includes information on R. R. Haering's rechargeable Molicell Battery.

G.291	Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 7-8 September 1991	1991
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Circulars, list of participants, etc.

G.292	Centenary Celebrations of the Eötvös Lóránd Physical Society, Hungary, October 1991	1991
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List of participants, programme, etc. In Hungarian.

G.293	Meeting, 'Énergie du Futur?', [unknown location], 25-29 November 1991	1991
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Circulars, copy of Kurti's paper on 'L'Emploi Efficace de l'Énergie'.

G.294	'A Kind of Loving: The Spiro Jewish Food Conference', London, 26 January 1992	1991-1992
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Correspondence, programme.

G.295	Meeting on Energy, Royal Society, London, 22 May 1992	1991-1992
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Correspondence etc.

G.296-G.317	International Workshop on Molecular and Physical Gastronomy, Erice, Sicily, Italy, 9-12 August 1992	1990-1993
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Material *re* a workshop originally planned for 8-13 August

**Visits and conferences, G.1-G.376**

1992.

For tapes of parts of proceedings see K.69, K.70. See also G.369.

G.296-G.299

'Erice '92'

1991-1992

Contents of a folder so inscribed. In chronological order. Correspondence, chiefly with the Ettore Majorana Centre for Scientific Culture, Erice. Also includes some correspondence with sponsors and some participants.

4 folders.

G.300, G.301

'Zichichi'

1990-1992

Contents of a folder so inscribed. In chronological order. Correspondence with A. Zichichi, S.A. Gabriele and J. Pilarski (all of the Ettore Majorana Centre for Scientific Culture).

2 folders.

G.302-G.310

'A-Z'

1990-1992

Contents of a file so inscribed.

G.302 is correspondence Berwick-Busse, G.303 Clarke-Goutefongea, G.304 Healy-Heron, G.305 Humphrey-Langley, G.306 Lanting-Mégnin, G.307 Palma-Szenhágothai, G.308, G.309 H. This, G.310 Thomas-Waldegrave.

9 folders.

G.311, G.312

'Travel'

1991-1992

Contents of a folder so inscribed. In chronological order. Correspondence and circulars *re* travel arrangements.

2 folders.

G.313-G.317

General

1990x1993

Poster, circulars, miscellaneous notes etc. Also includes photographs and correspondence *re* future meetings. See

**Visits and conferences, G.1-G.376**

also G.369.

5 folders.

G.318, G.319	Meeting, 'l'Énergie du Futur?', Paris, France, 26-27 November 1992	1992, n.d.
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Circulars, copy of Kurti's updated paper on 'L'Emploi Efficace de l'Énergie'. G.319 is transparencies, inserted in a notebook.

2 folders.

G.320	'The University in Transition', [unknown location: Hungary?], ?1992	1992
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Correspondence, copy of Kurti's paper on 'Diversity and Specialization in Primary, Secondary and Higher Education'.

G.321	'IOP Congress', [unknown location], April 1993	1993
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Copy of Kurti's ?after-dinner speech, dated 20 April 1993.

G.322, G.323	Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 17-18 July 1993	1992-1994
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Correspondence, circulars, list of participants, etc. Includes a draft of Kurti's paper 'Is a Meal a Gesamtkunstwerk in the Wagnerian Sense?'. Further includes correspondence *re* food safety and *re* the publication of the symposium papers.

2 folders.

Kurti translated 'Gesamtkunstwerk' as a work encompassing all art forms.

G.324, G.325	'Science in the Future of Europe. An International Meeting of Eminent Scientists and other Outstanding Personalities', Budapest, Hungary, 26-28 November 1993	1993-1994
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Correspondence etc. Includes a copy of Kurti's paper on 'Pure Science vs Applied Science'. A set of 'Comments and Papers' prepared by the participants to the main topics



**Visits and conferences, G.1-G.376**

of the meeting is at G.325.

2 folders.

- |             |   |           |
|-------------|---|-----------|
| G.326       | Meeting on 'Technology in the Third Millennium: Energy',<br>Royal Society, London, 16-17 March 1994   | 1993-1994 |
|             | Correspondence, list of participants, abstracts.  |           |
|             |   |           |
| G.327       | Oxford Symposium on Food and Cookery, St Antony's<br>College, Oxford, September 1994  | 1993-1994 |
|             | Correspondence, lists of participants and papers, etc.<br>Includes draft and copy of Kurti's paper 'Going Today,<br>Gone Tomorrow ... Whose to Blame?'. |           |
|             |   |           |
| G.328       | 'Oxford Instruments Seminar', Oxford, 17 November 1994  | 1994      |
|             | Correspondence.   |           |
|             |   |           |
| G.329-G.345 | International Workshop on Molecular and Physical<br>Gastronomy, Erice, Sicily, Italy, 22-26 April 1995  | 1993-1996 |
|             | Chiefly correspondence <i>re</i> arrangements and arising.  |           |
|             | See also K.8, K.73.   |           |
|             |   |           |
| G.329       | 1993  |           |
|             |   |           |
| G.330-G.334 | 1994  |           |
|             | 5 folders.  |           |
|             |   |           |
| G.335-G.342 | 1995  |           |
|             | 8 folders.  |           |
|             |   |           |
| G.343       | 1996  |           |

**Visits and conferences, G.1-G.376**

G.344	Poster, programme, list of participants, etc.	1995
G.345	Account of meeting from magazine <i>Lettre des Sciences Chimiques</i> (May-June-July 1995)  Also includes copies of the 'Molecular and Physical Gastronomy Newsletter', 1992-1993.	1992-1995
G.346-G.348	Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 9-10 September 1995  Correspondence, circulars, programme etc. G.348 is Kurti's contribution 'Rumford and Culinary Science'.  3 folders.	1994-1995
G.349	Lunch to commemorate the 40th anniversary of the first nuclear cooling experiment in which a nuclear spin temperature of 10 $\mu$ K was reached, Royal Society, London, 7 June 1996  Correspondence, seating plan.	1996
G.350-G.353	Twenty-first International Conference on Low Temperature Physics (LT-21), Prague, Czech Republic, 8-14 August 1996  Correspondence etc. <i>re</i> Kurti's contribution, 'The Prehistory and Early History of Nuclear Cooling: Reflections of a Cryo-Dinosaur'. Annotated transcript of the sound recording (G.351), original offprints of papers by W.F. Giauque and other pioneers (G.352), draft of 'Réflexions d'un cryodinosaur' for the French magazine <i>Pour la Science</i> , including the final product which appeared posthumously (G.353).  4 folders.  See also K.74 for tape-recording of Kurti's contribution.	1927, 1996-1999
G.354, G.355	Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 7-8 September 1996  Correspondence, circulars, programme, list of participants	1996

**Visits and conferences, G.1-G.376**

etc. A copy of Kurti's contribution 'Space, Time and Food (Barbecued Elephant, Saucisses mi-Cheval-mi-Porc, Whale's milk)' is at G.355.

2 folders.

G.356, G.357	'100th Anniversary of Tungsram', Budapest, Hungary, 1 November 1996	1996, n.d.
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Correspondence etc. Includes a handwritten draft of a speech made by Kurti on the occasion. Also includes a copy of the magazine *Fizikai Szemle*, containing an article by Kurti about his uncle József Pintér, an electrical engineer who was Vice President of Egyesült Izzó (the Tungsram Works in Budapest).

Includes 2 monochrome photographs.

2 folders.

G.358	'Promotion of ENSBANA', Université de Bourgogne, Dijon, France, 25 January 1997	1996-1997
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Correspondence, copy of Kurti's address (in French).

ENSBANA stands for 'École Nationale Supérieure de Biologie Appliquée à la Nutrition et à l'Alimentation'.

G.359-G.369	'Heat in Cooking', Third International Workshop on Molecular and Physical Gastronomy, Erice, Sicily, Italy, 4-8 April 1997	1992-1998
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G.359-G.361	'Erice '97'	1994-1997
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Contents of a binder so inscribed. Correspondence etc.

3 folders.

G.362-G.369	General	1992-1998
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Correspondence, circulars, programme, list of participants etc. Kurti's paper is at G.366. G.369 is material from the first Erice workshop, in 1992 (see G.296-G.317).

8 folders.

**Visits and conferences, G.1-G.376**

G.370, G.371	Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 18-19 July 1997  Correspondence, programme, list of participants etc.  2 folders.	1996-1998
G.372	Oxford Symposium on Food and Cookery, St Antony's College, Oxford, 5-6 September 1998  Correspondence, programme, list of participants (styled 'symposiasts').	1998
G.373-G.375	Miscellaneous, 1990s  Correspondence etc. <i>re</i> meetings that may not have taken place, which Kurti may not have attended or which he declined to attend.  G.374, G.375 is material on the 4th International Workshop on Molecular and Physical Gastronomy, Erice, May 1999, which Kurti helped organise but which took place 6 months after his death.  3 folders.	1988-1999
G.376	'Berkeley Seminar Adiabatic demagnetisation'.  Manuscript notes so titled.	N.d.



**SECTION H**

**SOCIETIES AND ORGANISATIONS, H.1-H.992**

**early 1940s-  
1997**

H.1	ACADEMIA EUROPAEA
H.2	AMERICAN ACADEMY OF ARTS AND SCIENCES
H.3-H.5	AMERICAN INSTITUTE OF WINE AND FOOD
H.6-H.8	ATOMIC SCIENTISTS' ASSOCIATION
H.9-H.15	BRITISH ACADEMY
H.16	BRITISH COUNCIL
H.17-H.28	BRITISH CRYOGENICS COUNCIL
H.29-H.36	BRITISH INSULATED CALLENDERS' CABLES
H.37-H.51	BRITISH NUTRITION FOUNDATION
H.52-H.92	CNRS ATP 'PROBLÈMES SOCIO-ÉCONOMIQUE DE L'ÉNERGIE'
H.93-H.112	COLLEGE OF AERONAUTICS, CRANFIELD
H.113, H.114	COMBINED HEAT AND POWER ASSOCIATION
H.115-H.122	CONSERVATIVE PARTY 'ENERGY POLICY GROUP'
H.123-H.270	CONTEMPORARY SCIENTIFIC ARCHIVES CENTRE, OXFORD
H.271	CORPUS VITREARUM MEDII AEVI
H.272-H.277	COUNCIL FOR THE PROTECTION OF RURAL ENGLAND

**Societies and organisations, H.1-H.992**

H.278-H.399	DEPARTMENT FOR SCIENTIFIC AND INDUSTRIAL RESEARCH/SCIENCE RESEARCH COUNCIL
H.400, H.401	DEPARTMENT OF EDUCATION AND SCIENCE ADVISORY COMMITTEE FOR SCIENTIFIC AND TECHNICAL INNOVATION
H.402	DEPARTMENT OF ENERGY COMBINED HEAT AND POWER GROUP
H.402A	ELECTRICITY COUNCIL RESEARCH CENTRE
H.403-H.433	ELECTRICITY SUPPLY RESEARCH COUNCIL
H.434-H.450	EUROPEAN PHYSICAL SOCIETY
H.451-H.455	FRENCH EMBASSY IN LONDON
H.456	GREAT BRITAIN/EAST EUROPE CENTRE
H.457	HUNGARIAN ACADEMY OF SCIENCES
H.458-H.481	INSTITUT INTERNATIONAL DU FROID
H.482-H.560	INSTITUTE OF PHYSICS/INSTITUTE OF PHYSICS AND PHYSICAL SOCIETY
H.561-H.566	INTER-UNIVERSITE
H.567-H.627	INTERNATIONAL COUNCIL OF SCIENTIFIC UNIONS
H.628-H.725	INTERNATIONAL CULTURAL FOUNDATION
H.726	INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY
H.727, H.728	INTERNATIONAL UNION OF PURE AND APPLIED PHYSICS

**Societies and organisations, H.1-H.992**

H.729	INTERNATIONAL UNION OF THE HISTORY AND PHILOSOPHY OF SCIENCE
H.730-H.737	LOW TEMPERATURE BIOLOGY CLUB (later SOCIETY FOR LOW TEMPERATURE BIOLOGY)
H.738-H.742	MINISTRY OF TECHNOLOGY ADVISORY COMMITTEE FOR RESEARCH ON MEASUREMENTS AND STANDARDS
H.743	NATIONAL INDUSTRIAL FUEL EFFICIENCY SERVICE (NIFES)
H.744-H.754	NATIONAL PHYSICAL LABORATORY
H.755-H.762	NATIONAL RESEARCH AND DEVELOPMENT CORPORATION
H.763, H.764	NORTH ATLANTIC TREATY ORGANISATION
H.765-H.780	PHYSICAL SOCIETY
H.781, H.782	ROYAL INSTITUTION
H.783-H.926	ROYAL SOCIETY
H.927-H.931	SCIENCE POLICY FOUNDATION
H.932-H.935	SOCIÉTÉ FRANÇAISE DE PHYSIQUE
H.936-H.944	SOCIETY FOR ANGLO-CHINESE UNDERSTANDING
H.945-H.954	UNITED KINGDOM ATOMIC ENERGY AUTHORITY
H.955	VOLUNTEERS FOR IONISING RADIATION
H.956-H.992	WORKING PARTY ON CRYOGENIC TERMINOLOGY

**Societies and organisations, H.1-H.992**

**H.1                      ACADEMIA EUROPAEA                      1997**

Papers of the Annual Meeting and Annual Business Meeting of the Academia Europaea, Ghent, Belgium, 3-5 July 1997.

**H.2                      AMERICAN ACADEMY OF ARTS AND SCIENCES                      1968-1997**

Correspondence, including with the Academy's Committee on Intellectual Freedom, *re* the Academy's journal *Daedalus*, etc.

Kurti was elected a Foreign Honorary Member in May 1968.

**H.3-H.5                      AMERICAN INSTITUTE OF WINE AND FOOD (AIWF)                      1981-1988**

Correspondence *re* Kurti's membership and his suggestions for the future expansion of the new Institute.

Kurti joined the Institute in 1982. He discontinued his membership in 1988, because he considered benefits from membership negligible for someone living in the UK and because the AIWF did not develop his area of interest, science in gastronomy.

**H.6-H.8                      ATOMIC SCIENTISTS' ASSOCIATION                      1948, n.d.**

Founded by J. Rotblat in 1946, the Atomic Scientists' Association was a group of eminent scientists concerned with questions of public policy regarding the applications and dangers of nuclear physics.

**H.6                      Correspondence                      1948**

Correspondence *re* an event at Rhodes House during the



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Oxford Atomic Week and reaction of the Warden of Rhodes House.

H.7, H.8

Draft lectures

N.d.

2 folders.

In Kurti's hand.

H.9-H.15

**BRITISH ACADEMY**

**1970-1985**

Correspondence *re* collaboration between the British Academy and the Royal Society. The project related to British participation in 'Corpus Vitrearum Medii Aevi', an international research project aiming to record the medieval stained glass windows of Europe. See also H.271.

7 folders.

Kurti became involved in the preservation aspects of this research project and fostered exchanges on scientific approaches to stained glass conservation.

H.16

**BRITISH COUNCIL**

**1966-1985**

Correspondence, including *re* Anglo-Hungarian cultural exchange.

H.17-H.28

**BRITISH CRYOGENICS COUNCIL**

**1961-1982**

The British Cryogenics Council (BCC) was founded in 1967 to promote cryogenics and support the application of cryogenic processes in industry. Kurti represented the Institute of Physics on the BCC (see his 1969 report at H.483).

**Societies and organisations, H.1-H.992**

- |           |   |           |
|-----------|---|-----------|
| H.17-H.21 | <p>Committee 'B' 'The Future of Cryogenics'</p> <p>Correspondence, committee papers and circulated background material. Also includes minutes of BCC Steering Committee Meetings. H.20 includes correspondence with members of the Low Temperature Group of the Institute of Physics and Physical Society.</p> <p>5 folders.</p> <p>Occasionally the title of this committee appears as 'Technological Forecasting'. Its objectives were to study world-wide trends of cryogenics, covering the temperature range from 170°K to absolute zero, and to advise the BCC Steering Committee of any steps that it should take or recommend to further the development of cryogenics in the UK.</p> | 1971-1977 |
| H.22      | <p>Sub-Committee on Helium Supply</p> <p>Correspondence with J.A. Bayliss. Also includes drafts of the 'Memorandum to the British Cryogenics Council from the Subcommittee on Helium Supply'.</p>   | 1971      |
| H.23-H.28 | <p>Background materials on helium supply etc.</p> <p>Includes reference materials created by the Cryogenic Equipment Panel of the Department of Scientific and Industrial Research and the Science Research Council in the 1960s, and correspondence and reports <i>re</i> helium supply and helium conservation outside Europe.</p> <p>6 folders.</p>  | 1961-1982 |
| H.29-H.36 | <p><b>BRITISH INSULATED CALLENDERS' CABLES (BICC)</b></p> <p>Correspondence, reports, etc.</p> <p>8 folders.</p> <p>From 1961 to 1980 Kurti acted as a consultant on cryogenics for BICC (from 1975 onwards also on energy problems). After 1980 he was retained on a small fee as an occasional adviser.</p> <p>See also G.165-G.167.</p>  | 1965-1987 |

**Societies and organisations, H.1-H.992**

<b>H.37-H.51</b>	<b>BRITISH NUTRITION FOUNDATION (BNF)</b>	<b>1986-1996</b>
	<p>Kurti was a member of Council for the period covered by these papers.</p>	
<b>H.37-H.47</b>	<p>Council papers</p> <p>In chronological order.</p> <p>11 folders.</p>	<b>1987-1995</b>
<b>H.48-H.50</b>	<p>Correspondence</p> <p>3 folders.</p>	<b>1986-1996</b>
<b>H.51</b>	<p>Reports</p> <p>Copies of 'Sugars and Syrups' (Report of the BNF's Task Force, 1987) and of the BNF's Annual Report and Accounts, 1989-1990, featuring Kurti who provided the Annual Lecture, 1989.</p>	<b>1987, 1990</b>
<b>H.52-H.92</b>	<p><b>CNRS ATP 'PROBLÈMES SOCIO-ÉCONOMIQUE DE L'ÉNERGIE'</b></p> <p>For the period covered by these papers Kurti was a member of the Comité that allocated research grants within the ATP ('Action Thématique Programmée'). ATP was a French model for a research project that brings together a wide array of scholars and institutions around a broad theoretical topic.</p>	<b>1974-1978, n.d.</b>
<b>H.52-H.54</b>	<p>General correspondence</p> <p>3 folders.</p>	<b>1974-1978</b>
<b>H.55-H.91</b>	<p>Applications</p>	<b>1974-1977</b>

**Societies and organisations, H.1-H.992**

H.55-H.65	1974	
	Applications, in numerical order.	
	Copy of the key at H.55. Applications 1, 2, 5 are missing. Application 4 (at H.57-H.60) includes correspondence and material <i>re</i> a Franco-Swedish Round Table on Energy Economics, 17-18 March 1977.	
	11 folders.	
H.66-H.71	1975	
	Applications, in numerical order.	
	Copy of the key at H.66. Applications 1, 4 are missing.	
	6 folders.	
H.72-H.81	1976	
	Complete set of 8 applications, in numerical order.	
	Copy of the key at H.72, which also includes correspondence and Kurti's comments on applications.	
	10 folders.	
H.82-H.91	1977	
	Complete set of 7 applications, in numerical order.	
	Copy of the key at H.82, which also includes correspondence.	
	10 folders.	
H.92	Graphs on heat content of conducting electrons and nuclear spins, etc.	n.d.
	Found with CNRS ATP material.	



**Societies and organisations, H.1-H.992**

**H.93-H.112                      COLLEGE OF AERONAUTICS, CRANFIELD                      1953-1985**

Kurti was a Governor of the College of Aeronautics, Cranfield, 1953-1969. After the College received its Royal Charter and became the Cranfield Institute of Technology (1969), he served on its Court. The Institute changed its name to Cranfield University in 1993.

H.93-H.106                      Correspondence                      1953-1985

In chronological order.

See also J.33-J.37, J.43, J.87, J.88, J.91, J.221, J.222, J.232-J.234.

H.93-H.95                      1953-1958

H.93                      Correspondence with R.V. Goddard and B. Lockspeiser

Includes memorandum by Lockspeiser on 'The present situation of the College of Aeronautics'.

Goddard was Principal of the College 1951-1954. Lockspeiser was on the Board of Governors.

H.94, H.95                      Includes arrangements re a talk by Kurti on his recent LT research

2 folders.

H.96-H.100                      1961-1966

Includes assessments of theses and discussions *re* the extent of the association between the College and the University of Oxford, *re* the Robbins Report (1963), *re* whether the Universities of Oxford and Birmingham should 'sponsor' Cranfield degrees, etc.

5 folders.

The Robbins Report included a recommendation that Colleges of Advanced Technology should be given the status of universities.

**Societies and organisations, H.1-H.992**

- |              |   |                  |
|--------------|---|------------------|
| H.101, H.102 | 1968-1969   |                  |
|              | Correspondence <i>re</i> the transition of the College into the Cranfield Institute of Technology and the appointment of a new Principal.   |                  |
|              | 2 folders.  |                  |
| H.103-H.106  | 1970-1985   |                  |
|              | Chiefly correspondence and committee papers, 1970. Includes a letter from Sir Victor Goddard thanking Kurti for taking his side when Goddard was 'turned out of Cranfield' in 1954.   |                  |
|              | 4 folders.  |                  |
| H.107-H.112  | Cranfield Society Symposium 'Cross Channel Transport - Under, Over or On', 19-20 July 1969  | 1969             |
|              | Correspondence, programme, papers etc. from the Symposium. See also G.103.  |                  |
|              | 6 folders.  |                  |
|              | Kurti chaired the first session of this symposium.  |                  |
| H.113, H.114 | <b>COMBINED HEAT AND POWER ASSOCIATION (CHPA)</b>   | <b>1977-1990</b> |
|              | Correspondence, circulars, etc.   |                  |
|              | Kurti became an honorary member of the District Heating Association (DHA) in the 1970s. By 1989 he still lectured regularly 'on CHP and other energy questions' at the University of Paris, but his active involvement with the DHA (now CHPA) had become 'negligible'. He was also a member of the Department of Energy's CHA Group (see H.402). |                  |
|              | There is further material relating to CHP at D.14-D.18.   |                  |
| H.113        | Includes correspondence <i>re</i> Kurti's disagreement with the Combined Heat and Power (CHP) enthusiast N. Jenkins   |                  |

**Societies and organisations, H.1-H.992**

See also E.258-E.261.

H.114 Includes correspondence *re* J.M. Cassels's pioneering role in the CHP movement

**H.115-H.122 CONSERVATIVE PARTY 'ENERGY POLICY GROUP' 1975-1979**

In June 1975 Kurti was invited to join a new policy group on energy set up and chaired by P. Jenkin, MP on behalf of the then Shadow Cabinet. Initially termed 'Energy Policy Group', it was also referred to as the 'Rational Use of Energy Policy Group'.

H.115-H.119 'Jenkin's Group' 1 1975-1979

Contents of a folder so inscribed. Correspondence (chiefly with the Conservative MP P. Rost), minutes of meetings, circulated material etc.

5 folders.

H.120, H.121 'Jenkin's Group' 2 ca. 1975

Contents of a folder so inscribed. Duplicated material including minutes of the early meetings of the Energy Policy Group.

2 folders.

H.122 Duplicated and photocopied background material n.d.

**H.123-H.270 CONTEMPORARY SCIENTIFIC ARCHIVES CENTRE 1965-1998**

The Contemporary Scientific Archives Centre (CSAC) started its work as an archive processing centre in April 1973. Upon the retirement of its founding director (M.M.

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Gowing) in 1986, followed by the Executive Director (J.B. Alton) in 1987, the Centre was moved to the University of Bath, where it continued under the name 'National Cataloguing Unit for the Archives of Contemporary Scientists' (NCUACS). Kurti was involved with the project - the preservation of contemporary scientific archives - from its early beginning in the mid-1960s.

H.123-H.167	Establishment of the CSAC
H.168-H.221	Administration of the CSAC
H.222-H.245	General correspondence
H.246-H.253	Relocation of the CSAC to Bath
H.254-H.258	CSAC and NCUACS publications
H.259-H.270	Background material <i>re</i> scientific archives

<b>H.123-H.167</b>	<b>Establishment of the CSAC</b>	<b>1965-1986</b>
H.123-H.136	'General Correspondence H.M.C.'	1965-1973
	Contents of two folders so inscribed. Chiefly correspondence resulting in the establishment of a joint committee of the Royal Commission on Historical Manuscripts (HMC) and the Royal Society - the Joint (Standing) Committee for Scientific and Technological Records. See also H.259-H.261.	
H.123-H.129	'1965-1969 + Simon Papers for RS Exhib. + H.M. Bill'	1965-1969
	Contents of folder so further inscribed. Includes correspondence <i>re</i> 'the fate of papers of distinguished British scientists' (H.123-H.127).	
	7 folders.	



**Societies and organisations, H.1-H.992**

H.130-H.136	'1970-19[73]'	1970-1973
<p>Contents of folder so further inscribed. Chiefly correspondence between members of the Joint Committee. Includes correspondence <i>re</i> the papers of Max Born and the biometrician Karl Pearson, <i>re</i> the question of whether objects such as Newton's prisms or genetical specimens of the late Sir R. A. Fisher should be included in personal archives, etc.</p> <p>H.136 includes papers for consideration by the Joint Committee at its meeting on 25 May 1973, its first meeting after the new CSAC began its work on 2 April.</p> <p>7 folders.</p>		
H.137-H.146	'M.M.G. Original Report 19.3.68 - Gowing\Pye Pilot Scheme - R.S. 4th June '69-Aslib 25th Nov '70 - Cherwell Papers'	1967-1973
<p>Contents of a folder so inscribed. See also H.259-H.261.</p> <p>No material <i>re</i> 'Cherwell Papers' was found.</p>		
H.137, H.138	Gowing Report	1967-1968
<p>Correspondence <i>re</i> arrangements to preserve the personal papers of eminent scientists, <i>re</i> Gowing's report on the topic (dated 19 March 1968), <i>re</i> the availability of a suitable archivist to carry out a pilot project, etc. A copy of Gowing's report, entitled 'Pilot Survey of "Contemporary" Scientists Papers', can be found at H.137.</p> <p>2 folders.</p> <p>The archivist chosen to carry out the pilot project was J.M. Pye of the Atomic Energy Research Establishment (AERE) at Harwell, Berks.</p>		
H.139-H.141	Pilot Study	1968-1969
<p>Correspondence and working papers <i>re</i> the pilot study (also referred to as 'Pilot Scheme'), i.e. the 'arrangement and listing of the papers of two or three scientists recently deceased'. Includes detailed discussions on archival procedures, chiefly involving Gowing, R.H. Ellis of the Historical Manuscripts Commission (HMC), E.N. da C. Andrade and Kurti, but in particular Pye.</p>		

**Societies and organisations, H.1-H.992**

3 folders.

The scientists chosen for the pilot study were Sir Francis Simon, L.R. Wager and Sir John Gaddum. The physicist Andrade was one of Kurti's allies in the creation of CSAC.

H.142                      Exhibition of the Pilot Study                      1969

Correspondence *re* an exhibition on the pilot scheme in the Royal Society, 'for members of the Joint Committee, members of R.S. Council, and other interested people to ... see what the results look like'. Includes sketches of the displays.

The exhibition took place on 4 June 1969.

H.143                      Aftermath of the Pilot Study                      1969-1970

Correspondence *re* what provisions could be made (on the basis of the pilot scheme) for the systematic preservation of the personal papers of Fellows of the Royal Society. Includes copy of the recommendations made by the Joint Committee.

H.144                      Aslib Conference, 25 November 1970                      1970

Correspondence *re* an evening meeting of the Association of Special Libraries and Information Bureaux (Aslib) on 'The Archives of 20th Century Scientists and Technologists'. Includes an offprint of the papers presented on the occasion by Kurti, Gowing, Pye and Ellis.

H.145, H.146              'Sir Leslie Scarman - Sir Alan Bullock - Wolfson Foundation'              1970-1973

Contents of a folder.

Correspondence etc. *re* applications for funding from, among others, the Wolfson Foundation. Eventually this application met with success.

2 folders.

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H.147-H.167	<p>Standing Joint Committee for Scientific and Technological Records</p> <p>Correspondence, reports of meetings, minutes, circulated material etc. relating to the joint activities of the Royal Society and the Historical Manuscripts Commission on behalf of the preservation of scientific and technological records.</p>	1966-1976, 1986
H.147	<p>Origins</p> <p>Duplicated material. Includes a memorandum on scientific manuscripts by R.N. Quirk of the HMC and a copy of the proceedings of a meeting of representatives of the Royal Society and the HMC on 12 July 1966.</p> <p>Quirk, who died in 1964, was an early champion of the preservation of scientific manuscripts.</p>	1964x1966
H.148, H.149	<p>1966-1968</p> <p>Circular letters, copies of agendas and minutes of the first meetings of the Joint Committee. H.149 includes an introductory note on Sir John Gaddum by his colleague W.S. Feldberg.</p> <p>2 folders.</p>	
H.150	<p>1969</p> <p>Copies of agendas and minutes. Also includes correspondence.</p>	
H.151	<p>1970</p> <p>Correspondence and circulated material, including <i>Historical Archives of British Men of Science</i> by R.M. MacLeod, specimen entry (from the MacLeod survey) for the papers of J.L. Baker, and a document produced by the Joint Committee outlining its plans for 'The Preservation of the Records of Science and Technology'.</p> <p>MacLeod, who was based at the University of Sussex, had launched an independent project 'to locate, identify, count and briefly catalogue existing collections of letters, papers and unpublished materials of approximately 3,000 British men of science who flourished between 1850 and 1939'. Funded by the Social Science Research Council, it began</p>	



**Societies and organisations, H.1-H.992**

in January 1969. See also H.222.

H.152

1971

Copies of agendas and minutes (annotated). Also includes correspondence *re* funding for the cataloguing of scientific archives and *re* the Guide to the papers of leading British scientists from the 16th to the 20th century, to be compiled by R.E.W. Maddison.

Further includes a duplicated report from the Standing Commission on Museums and Galleries *re* collecting activities of all bodies which have collections in science and technology.

The Guide was funded by a grant from the Goldsmiths' Company.

H.153, H.154

1972

Correspondence, copies of agendas and minutes (some annotated). Correspondence covers the development of the Guide, funding applications, the quality of the MacLeod survey etc.

2 folders.

H.155, H.156

1973

Copies of agendas and minutes (some also in draft). Also includes correspondence *re* the work of the new CSAC, the name and letter head of the Joint Committee etc.

2 folders.

H.157-H.159

1974

Copies of agendas and minutes (some annotated). Also includes correspondence, circulars, a draft progress report of CSAC for its first year, a note by Kurti on the future finances of the Centre etc.

3 folders.



**Societies and organisations, H.1-H.992**

H.160-H.162	1975	
	<p>Copies of agendas and minutes (some annotated). Also includes correspondence, circulars, budget projections, etc.</p> <p>At H.161 is an 'Aide-memoire on Salaries at the Contemporary Scientific Archives Centre' and a statement about CSAC, sent to the new President of the Royal Society (A.L. Hodgkin), and at H.162 a duplicated account of the achievements of CSAC since it started operating in April 1973.</p> <p>3 folders.</p>	
H.163-H.166	1976	
	<p>Correspondence, copies of agendas and minutes (some annotated). Topics covered by the correspondence include the future of the Joint Committee, which in the view of some had 'amply and successfully discharged its original function', and <i>re</i> revisions to the Guide.</p> <p>4 folders.</p>	
H.167	1986	
	<p>Correspondence with B.S. Smith of the HMC <i>re</i> material documenting the story of the Joint Committee.</p>	
H.168-H.221	<b>Administration of the CSAC</b>	<b>1968-1987</b>
H.168-H.197	<p>Subcommittee on Contemporary Scientific Archives, British National Committee for History of Science, Medicine and Technology</p> <p>Agendas and minutes of the Subcommittee meetings, with committee papers. On occasion, inquiries received by CSAC were circulated together with these committee papers.</p> <p>The Subcommittee on Contemporary Archives met for the first time on 10 December 1976 and for the last time on 8 September 1986. Its membership constituted itself from the former Joint Committee and Gowing (ex-officio member). Kurti proposed that a nominee each of the British Library and of the Historical Association be added, as well as a</p>	1973-1987

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university librarian or archivist.

- |              |           |  |
|--------------|-----------|--|
| H.168        | 1973-1974 | <p>Correspondence and minutes of a meeting of the British National Committee for History of Science, Medicine and Technology.</p> <p>This predates the foundation of the Subcommittee on Contemporary Scientific Archives.</p> |
| H.169        | 1976      | <p>Correspondence, agenda of the first meeting of the new Subcommittee on 10 December 1976. Also includes material from the last meeting of the Joint Committee on 13 April 1976.</p>  |
| H.170, H.171 | 1977      | <p>Includes minutes from meetings of the British National Committee for History of Science, Medicine and Technology.</p> <p>2 folders.</p>   |
| H.172, H.173 | 1978      | <p>Includes minutes of a British National Committee for History of Science, Medicine and Technology meeting and a copy of an estimated budget of CSAC, April 1979-March 1980.</p> <p>2 folders.</p>                            |
| H.174, H.175 | 1979      | <p>Includes correspondence <i>re</i> the transfer of the CSAC catalogues to microfilm.</p> <p>2 folders.</p>   |

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- |              |  |
|--------------|--|
| H.176, H.177 | 1980   |
|              | Includes correspondence.   |
|              | 2 folders.   |
| <br>         |  |
| H.178-H.180  | 1981   |
|              | Includes minutes of a British National Committee for History of Science, Medicine and Technology meeting (H.179).  |
|              | 3 folders.   |
| <br>         |  |
| H.181-H.183  | 1982   |
|              | Includes correspondence <i>re</i> the microfilm versions of CSAC catalogues, etc. At H.183 is material from a British National Committee for History of Science, Medicine and Technology meeting.  |
|              | 3 folders.   |
| <br>         |  |
| H.184-H.186  | 1983   |
|              | Includes correspondence <i>re</i> the Royal Society's attitude to the CSAC. Also includes material from a British National Committee for History of Science, Medicine and Technology meeting.  |
|              | 3 folders.   |
| <br>         |  |
| H.187, H.188 | 1984   |
|              | Includes material from a British National Committee for History of Science, Medicine and Technology meeting.   |
|              | 2 folders.   |
| <br>         |  |
| H.189-H.193  | 1985   |
|              | Includes correspondence <i>re</i> the minutes of the meeting on 16 January 1985 and <i>re</i> the relocation of CSAC to Bath. Also includes transparencies for a presentation by Kurti on the performance of CSAC 1973-1984 (H.191) and material |

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from a British National Committee for History of Science, Medicine and Technology meeting (H.193).

5 folders.

H.194, H.195

1986

Includes correspondence. H.195 is British National Committee for History of Science, Medicine and Technology material.

2 folders.

H.196, H.197

1987

Agenda, committee papers, minutes of British National Committee for History of Science, Medicine and Technology meetings.

2 folders.

Kurti retired from the British National Committee for History of Science, Medicine and Technology as of 31 December 1987.

H.198-H.204

Management Committee

1973-1976

Agendas and minutes of the Management Committee meetings, with committee papers.

H.198

*Ad Hoc* Committee

1973

Notes and minutes from meetings of the *ad hoc* committee for the CSAC.

The *ad hoc* committee predated the Management Committee proper, which was designated by the Joint Committee as a formal management committee to provide for the day-to-day running of the CSAC, while the Joint Committee was responsible for the larger questions of policy and finance.

H.199, H.200

1973

Includes correspondence *re* the Progress Report.



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2 folders.

H.201

1974

Includes correspondence *re* the papers of J. Fisher, naturalist, broadcaster, publisher.

H.202, H.203

1975

Includes correspondence.

2 folders.

H.204

1976

H.205-H.207

Management Group

1983-1985

Agendas and minutes of the Management Group meetings, with committee papers. Also includes correspondence.

The Group was set up in November 1983. On it were the Chairman of the BNC, the Chairman of the Subcommittee, the Honorary Director of the CSAC, and the Treasurer and the Executive Secretary of the Royal Society.

H.205

1983

H.206

1984

H.207

1985

H.208-H.221

Finances

1968-1985

H.208-H.219

Fundraising

1968-1984

Correspondence.

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H.208	1968-1969	
		Includes material relating to a scheme for the preservation of scientific manuscripts instigated by D.O. Edge.
H.209	1970-1971	
H.210	1972	
		Includes an undated draft of the application to the Wolfson Foundation (see also H.145, H.146).
H.211	1973	
H.212, H.213	1974	
		Includes a copy of Gowing's application for a Royal Society Research grant in the History of Science.
		2 folders.
H.214	1975-1979	
		Includes a summary of a discussion with C. Jolliffe of the Leverhulme Trust and a copy of Gowing's application for funding.
H.215-H.217	1980	
		3 folders.
H.218	1981-1983	
H.219	1984-1993	
H.220	Accounts	1973-1985

**Societies and organisations, H.1-H.992**

Miscellaneous balance statements, budget projections and correspondence.

H.221                      'Salary discussions mainly [19]75-[19]76'                      1975x1976

Top sheet so inscribed. Correspondence etc, treasury-tagged. In original order.

**H.222-H.245                      General correspondence                      1969-1998**

H.222                      1969-1971

Includes correspondence with R.M. Macleod (see also H.151).

H.223, H.224                      1972

H.223 includes correspondence *re* the papers of E.N. da C. Andrade.

2 folders.

H.225-H.227                      1973

3 folders.

H.228-H.230                      1974

H.228 includes a draft of article about the CSAC, written for *Nature*. H.230 includes notes by Kurti *re* the purpose and achievements of the CSAC and its future finances.

3 folders.

H.231-H.233                      1975

3 folders.

**Societies and organisations, H.1-H.992**

- |              |           |   |
|--------------|-----------|---|
| H.234        | 1976-1977 |   |
|              |           | Includes a draft survey of 'the present work and future plans' of the CSAC and a handwritten account by Gowing on why its work must continue. |
| H.235        | 1978-1979 |   |
| H.236        | 1980      |   |
| H.237        | 1981      |   |
|              |           | Includes correspondence <i>re</i> the Guide for Owners produced by the CSAC and distributed through the Royal Society.                        |
| H.238        | 1982      |   |
| H.239        | 1983      |   |
| H.240        | 1984      |   |
|              |           | Includes correspondence with the historian W.H. Brock <i>re</i> the papers of Sir James Dewar.  |
| H.241, H.242 | 1985      |   |
|              |           | Includes correspondence <i>re</i> disagreements on archival procedures between Alton on the one hand and Gowing and Kurti on the other.       |
|              |           | 2 folders.  |
| H.243, H.244 | 1986      |   |
|              |           | Continues the dispute over archival procedures.   |
|              |           | 2 folders.  |



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H.245	1987-1998	
	Includes Kurti's comments on the first Progress Report after the relocation of the CSAC to Bath, where it was renamed National Cataloguing Unit for the Archives of Contemporary Scientists (NCUACS).	
<b>H.246-H.253</b>	<b>Relocation of the CSAC to Bath</b>	<b>1979-1988</b>
H.246	'Bath-Oxford-Cambridge'	November 1984-June 1985
	Treasury-tagged, with a label so inscribed. Correspondence discussing the future of the CSAC, with additional material.	
H.247	'NK, MMG, Regist. WP Corresp.'	November 1984-July 1985
	Treasury-tagged, with a label so inscribed. Correspondence chiefly between Kurti, Gowing, Sir William Paton and the Registry of the University of Oxford. Includes an account by Gowing of the story of the CSAC.	
	Paton was a supporter of the CSAC of long standing.	
H.248	Transition to NCUACS	1986
	Correspondence and draft publicity statements for the new NCUACS.	
H.249-H.253	General	1979-1988
	Includes various drafts <i>re</i> the future of the CSAC. A copy of the first Progress Report of the NCUACS can be found at H.253.	
	5 folders.	
<b>H.254-H.258</b>	<b>CSAC and NCUACS publications</b>	<b>1973-1987</b>
H.254-H.257	Progress Reports	1973-1987

**Societies and organisations, H.1-H.992**

Incomplete set (1, 2 and 5 are missing).

A report for the first three years and one for the first five years can be found at H.257.

4 folders.

H.258	Other publications	1973-1986
	Includes copies of the first catalogue produced by the CSAC, 'Report on the papers of William Hume-Rothery', the original Guide, Catalogues Compiled by the Contemporary Scientific Archives Centre, etc.	
<b>H.259-H.270</b>	<b>Background material <i>re</i> scientific archives</b>	<b>1960x1989</b>
H.259-H.261	'Pilot Scheme General'	1965x1970
	Contents of a folder so inscribed. Original and duplicated papers <i>re</i> the Gowing-Pye pilot project and the early Joint Committee. See also H.123-H.146.	
	3 folders.	
H.262-H.265	Preservation and Export of Scientific Manuscripts	1965x1980
	Original and duplicated material.	
	H.264 is copies of the Secretary's Report to the Commissioners, 1973-1974 and 1974-1975.	
	H.265 is documents from a folder inscribed 'Export of MSS' and includes papers <i>re</i> a proposed Parliamentary Bill to ensure stronger control of the export of historical manuscripts.	
	4 folders.	
H.266-H.269	'MMG'	1966x1989
	Contents of a folder so inscribed.	

**Societies and organisations, H.1-H.992**

H.266	Correspondence	1966-1986
	<p>Includes correspondence between Kurti and Gowing <i>re</i> the 'Simon-Kurti Atomic Energy Papers'. Also includes correspondence <i>re</i> Gowing's valedictory dinner in 1986 and <i>re</i> the Gowing Festschrift (ed. N.A. Rupke).</p> <p>The 'Simon-Kurti Atomic Energy Papers' referred to material created by Kurti and F.E. Simon during their involvement with the Tube Alloys project. Since neither Kurti nor Simon were full-time employees of the project, the papers were not technically official records and, subject to classification, were private property. Nevertheless Gowing persuaded Kurti to hand them over as she considered them an important addition to the archives of the UK atomic energy project.</p>	
H.267	CV and nomination for Balzan Prize	1986x1989
H.268, H.269	Supporting Documentation	1975-1986
	2 folders.	
H.270	'Paris Meeting'	1981
	<p>Contents of an envelope so inscribed. Correspondence etc. (some in French) <i>re</i> a meeting of the Commission d'Histoire de la Physique of the Société Française de Physique. on 29 April 1981. Also includes material on the teaching of the history of science in the UK.</p> <p>Kurti presented a paper on the work of the CSAC on the occasion.</p>	
H.271	<b>CORPUS VITREARUM MEDII AEVI (CVMA)</b>	<b>1972-1973</b>
	<p>Includes correspondence <i>re</i> the state of the stained glass windows of Canterbury Cathedral and <i>re</i> scientific methods for the conservation of medieval glass, a topic of interest to the Technical Subcommittee of the British Committee of the CVMA. See also H.9-H.15.</p>	

**Societies and organisations, H.1-H.992**

**H.272-H.277      COUNCIL FOR THE PROTECTION OF RURAL      1967-1972**  
**ENGLAND (CPRE)**

Contents of two folders so inscribed.

Chiefly correspondence. Also includes drafts of a document on 'Power Transmission', produced by the CPRE's Working Party on Power Transmission.

6 folders.

Kurti's association with the CPRE was initiated by a letter of his published in *The Times*. He resisted attempts to recruit him into the Working Party as a formal member, but agreed to act as a consultant.

**H.278-H.399      DEPARTMENT FOR SCIENTIFIC AND INDUSTRIAL      1960-1989**  
**RESEARCH (DSIR)/SCIENCE RESEARCH COUNCIL**  
**(SRC)**

H.278-H.296      General and miscellaneous correspondence and papers

H.297-H.341      High Magnetic Field projects

H.342-H.371      Cryogenic Equipment Panel

H.372-H.389      Physics Committee

H.390-H.392      Data Compilation Committee

H.393-H.399      Energy Round Table, Worcester College Oxford, 18-19 September 1978

**H.278-H.296      General and miscellaneous correspondence and      1963-1975,**  
**papers      n.d.**



**Societies and organisations, H.1-H.992**

- |              |   |           |
|--------------|---|-----------|
| H.278-H.286  | 'General Correspondence'  | 1963-1977 |
|              | Contents of a folder so inscribed.  |           |
| H.278        | 1963-1965   |           |
|              | Includes correspondence <i>re</i> the DSIR Cryogenic Equipment Panel, the length of DSIR Research Studentships, proposals for new MSc courses in cryogenic engineering, etc.  |           |
| H.279, H.280 | 1966-1967   |           |
|              | Includes correspondence <i>re</i> SRC Council Meetings and university-industry collaboration.   |           |
|              | H.280 is an exchange with the Earl of Hailsbury, May 1966-January 1967, chiefly <i>re</i> acronyms.   |           |
|              | 2 folders.  |           |
| H.281, H.282 | 1967  |           |
|              | Includes correspondence <i>re</i> making techniques developed in government laboratories available to industry, SRC Council Minutes and the Annual Report, the 'brain drain', the Oxford Advanced Cryogenics Course, the history of the High Magnetic Field Project, etc.                       |           |
|              | 2 folders.  |           |
|              | For the High Magnetic Field Project (HMF), see H.327-H.340.   |           |
| H.283, H.284 | 1967-1968   |           |
|              | Includes correspondence <i>re</i> the HMF project, the threat posed by new accounting practices to fundamental research carried out in Government establishments, the 'brain drain', the seeming erosion of SRC support for fundamental research, proposed courses in Advanced Cryogenics, etc. |           |
|              | 2 folders.  |           |
|              | Kurti's correspondent here is chiefly B.H. Flowers, who chaired the SRC from 1966.  |           |

**Societies and organisations, H.1-H.992**

- |             |  |                    |
|-------------|--|--------------------|
| H.285       | 1969-1971  |                    |
|             | Continues Kurti's engagement with the question of the SRC's support for fundamental research. Includes correspondence <i>re</i> the Grenoble High Field Laboratory.  |                    |
| H.286       | 1975, 1977   |                    |
|             | Correspondence 1975 <i>re</i> payments to members of the SRC's Physics Committee; papers 1977 <i>re</i> Joint SRC/British Academy/Royal Society Ad Hoc Panel on the History of Science, 1 July 1977.                         |                    |
| H.287-H.292 | 'Royal Society/Science Research Council'   | 1966-1967,<br>n.d. |
|             | Contents of a folder so inscribed. Correspondence, chiefly arising from Kurti's position as Royal Society assessor on the SRC.   |                    |
| H.287-H.289 | 1966   |                    |
|             | Includes correspondence with Sir Patrick Blackett. Also includes notes (in Kurti's hand) on SRC meetings.  |                    |
|             | 3 folders.   |                    |
|             | Blackett was President of the Royal Society at the time.   |                    |
| H.290-H.292 | 1967   | 1967, n.d.         |
|             | Includes correspondence <i>re</i> postgraduate courses, Research Training Support Grants and a grant proposal for space biological experimentation. Also includes drafts of SRC Minutes, Kurti's notes on SRC meetings, etc. |                    |
|             | H.292 is undated material.   |                    |
|             | 3 folders.   |                    |
| H.293-H.296 | 'Misc. Sci. Res. Cou.'   | 1966-1967,<br>n.d. |
|             | Contents of a folder so inscribed. Correspondence etc.   |                    |

**Societies and organisations, H.1-H.992**

H.293, H.294

1966

Includes correspondence *re* the Swann Report, notes on SRC meetings, etc.

2 folders.

The Swann Report was the interim report of the Working Group on Manpower Parameters for Scientific Growth chaired by M.M. Swann. Charged to discover 'whether there was any imbalance in the employment of qualified engineering, technological and scientific manpower', the Working Group presented its interim report to Parliament in October 1966.

H.295, H.296

1967

Correspondence, SRC Minutes, etc. Includes correspondence with A.B. Pippard and M.M. Swann.

2 folders.

Pippard was a member of the Working Group on Manpower Parameters for Scientific Growth.

**H.297-H.341**

**High Magnetic Field projects**

**1960-1989**

Correspondence, committee papers etc *re* the proposed creation of a High Magnetic Field (HMF) Laboratory.

In November 1960 R.A. Smith of the Royal Radar Establishment (RRE) Malvern was invited by the Low Temperature and Solid State Physics Subcommittee of the DSIR Research Grants Committee to form a panel to discuss the production and uses of very high magnetic fields and to prepare a report. The Smith panel decided in favour of setting up a HMF facility on a national scale. In spring 1962 an informal steering committee under Smith met and as a result a grant was awarded for a design study to be carried out at RRE Malvern. Between October of that year and May 1963 a HMF Project Working Party met five times. Their report (presented by Kurti in June 1963) was discussed by the Research Grants Committee which recommended that DSIR should initiate discussions about it with the universities. There ensued dissent *re* the siting of the proposed laboratory. Candidate locations were the Oxford-Harwell area (with its extant centres of flourishing



**Societies and organisations, H.1-H.992**

solid state research), and Newcastle, the option favoured by the then Minister of Science, Sir Quintin Hogg. Nottingham was mentioned as a compromise. Eventually the project ground to a halt. By 1970 Kurti explored the possibility for the UK to become involved with the HMF installation created at Grenoble, France. This too came to nothing.

H.297-H.309	Correspondence	1960-1965
H.297	1960  Correspondents include R.A. Smith and A. H. Cottrell.	
H.298	1961  As before. Also includes correspondence with B. Bleaney.	
H.299	1962  Include draft reports by D.H. Parkinson (a member of the Steering Committee) and correspondence with the DSIR.	
H.300-H.306	1963  Contains sequences of labelled correspondence with named parties (normally in reverse chronological order).  Includes draft documents of the High Magnetic Field Project Working Party, correspondence <i>re</i> the location of the proposed facility, <i>re</i> candidates for the position of Director, <i>re</i> the possibility of a consortium between Bristol, Oxford and Reading to sponsor it, <i>re</i> a visit to high field laboratories in the US, etc.  H.301 is drafts of reports (with appendices) to the DSIR High Field Panel.  H.303 is Parkinson's floor-plans of the facility, if built at Harwell.  7 folders.	1961-1963
H.307, H.308	1964	



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Includes a note on the Clarendon Laboratory's possible relationship with the proposed National Magnet Laboratory.

2 folders.

H.309	1965	1965, n.d.
H.310-H.318	Committee papers and Reports  Includes some correspondence.	1961-1965
H.310	1961  Reports of the Smith panel. Also includes a report by Kurti on 'Applications of New Superconducting Materials Capable of Carrying High Current Densities'.	
H.311	1962  Includes a progress report by D.H. Parkinson on the Design Study and unconfirmed minutes for a meeting of the Magnetic Fields Project Working Party on 26 October 1962.	
H.312-H.316	1963  Contents of a folder inscribed 'High Fields'.	
H.312	Papers for the Fifth Meeting of the Working Party on 31 May 1963, with correspondence	
H.313	D.H. Parkinson's study of the running costs of a HMF Laboratory	
H.314	Papers for meeting of the DSIR Research Grant Committee in June, where the report of the Working Party was discussed	

**Societies and organisations, H.1-H.992**

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|-------------|--|-----------|
| H.315       | Notes by Kurti circulated at a Physics Sub-Faculty Meeting in Oxford   |           |
| H.316       | Correspondence and documents <i>re</i> an extraordinary Sub-Faculty Meeting in Oxford, 24 October<br><br>The purpose of the meeting was 'to consider further the form of liaison, if any, between the National High Magnetic Field Laboratory and the University'. |           |
| H.317       | 1964<br><br>Includes correspondence, committee papers and Kurti's handwritten notes on a combined physics Sub-Committee/High Field Working Party meeting on 24 November 1964.  |           |
| H.318       | 1965<br><br>Correspondence and committee papers. Also includes Kurti's personal notes (typescript) about an OECD meeting on 'International Co-operation in High Magnetic Field Research', held in Paris on 9-10 November.  |           |
| H.319-H.326 | Correspondence and Committee Papers, 1966-1967   | 1964-1967 |
| H.319       | Correspondence, 1966<br><br>Correspondence with W.A. Runciman at MIT, C. Jolliffe of the SRC, H.M. Finniston of the International Research & Development Company (IRDC).   |           |
| H.320-H.324 | Committee papers for 1966  | 1964-1967 |
| H.320-H.322 | Annotated papers for meetings of the SRC University Science and Technology Board and AERE's High Magnetic Field Laboratory Main Project Committee  |           |
| H.323       | Copy of a design study concerning magnets for the proposed laboratory  |           |

**Societies and organisations, H.1-H.992**

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|--------------|--|-----------|
| H.324        | Original sketch plans for a facility at Harwell  |           |
| H.325, H.326 | Correspondence 1967<br><br>Includes a memorandum <i>re</i> a meeting of the SRC UST Board on 21 March, when it was agreed to recommend that the laboratory be built on the SRC site at Chilton in Oxfordshire. Also includes a report of the Deutsche Forschungsgemeinschaft <i>re</i> magnetic fields.<br><br>2 folders.                    |           |
| H.327-H.340  | High Magnetic Field installation, Grenoble, France<br><br>Material <i>re</i> British participation in the HMF installation created at Grenoble.<br><br>Kurti was a member of the Comité de Direction of the Service National des Champs Intenses (SNCI) in Grenoble and urged UK support for or, after 1971, cooperation with this facility. | 1967-1976 |
| H.327, H.328 | 1970<br><br>2 folders.   |           |
| H.329-H.331  | 1971<br><br>3 folders.<br><br>At H.329 is the SRC Physics Committee's decision not to contribute to the Grenoble facility and Kurti's response.  |           |
| H.332        | 1972-1973  |           |
| H.333, H.334 | 1974<br><br>2 folders.<br><br>Includes account of work at Grenoble from <i>Europhysics News</i> , July 1974 (H.333).   |           |

**Societies and organisations, H.1-H.992**

H.335	1975-1976	
	Includes Kurti's notes ?for lecture at Grenoble.	
H.336, H.337	'Topical Information'	1966-1974
	Contents of a folder so inscribed: includes papers of meetings to discuss high field facilities, 1966-1969.	
	2 folders.	
H.338-H.340	Printed background and information material	1967-1976
	3 folders.	
H.341	SERC meeting on UK access to High Magnetic Field Facilities	1986, 1989
	The issue of UK access to these facilities was reopened in the mid-1980s. The material includes Kurti's accounts of previous attempts in this area and lessons thereof.	
H.342-H.371	<b>Cryogenic Equipment Panel</b>	<b>1962-1970</b>
	The Cryogenic Equipment Panel was established as a subgroup of the DSIR's Research Grants Committee at the recommendation of the Low Temperature and Solid State Physics Sub-Committee. It held its first meeting on 16 May 1962 with Kurti was Chairman. With the creation of the SRC the Panel was placed under the Universities Science and Technology Board as the Cryogenics Panel. The panel was wound up in November 1969.	
H.342-H.354	Papers for meetings	1962-1968
	The early meetings were chiefly concerned with the supply of liquid helium for research at UK universities. Later meetings were also concerned with equipment issues.	



**Societies and organisations, H.1-H.992**

H.342	16 May 1962	1962
H.343	12 July 1962 Survey of liquid helium availability and requirements.	1962
H.344	27 September 1962	1962
H.345	19 November 1962	1962
H.346	10 January 1963 Includes first report of the Panel.	1963
H.347	28 February 1963	1963
H.348	24 April 1963	1963
H.349	3 December 1964	1964
H.350	Second report of the Panel, 19 June 1963	1963
H.351	28 October 1965	1965
H.352	1 April 1966	1966
H.353	30 June 1967	1967
H.354	15 January 1968	1968

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H.355-H.370	Correspondence and papers	1964-1970
H.355-H.360	<p>Trade embargo on sale of cryogenic equipment to the USSR and People's Republic of China</p> <p>6 folders.</p> <p>As Chairman of the Cryogenics Panel, Kurti argued that the Board of Trade's embargo covering cryogenic equipment was too sweeping and damaged export opportunities for British industry.</p>	1964-1969
H.361	<p>General correspondence</p> <p>Includes Kurti's 'Notes for a child's guide to helium (liquid and gaseous)', October 1965.</p>	1964-1966
H.362	Postgraduate M.Sc. course in cryogenics and its applications at the University of Southampton	1966, 1968
H.363	Proposed liquid hydrogen centre at the University of Bradford	1966
H.364	Correspondence from Philips Scientific Equipment, manufacturers of liquid helium equipment, February-June	1967
H.365	Survey of supplies of liquid helium to universities, May-June	1967
H.366	General correspondence, May-December	1967
H.367	Meeting on liquid helium supplies, 15 January 1968	1967-1968
H.368	<p>General correspondence, April-September</p> <p>Includes Kurti's draft 'Memorandum of guidance to Universities concerning the provision of helium liquefiers/liquid helium', June, and Ministry of Technology</p>	1968

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summary report on Cryogenic Engineering survey, August.

H.369	Papers, October-November	1968
	Includes 'The cost of refrigeration' by Kurti, October 1968.	

H.370	General correspondence	1969-1970
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H.371	Printed information	1968
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<b>H.372-H.389</b>	<b>Physics Committee</b>	<b>1964-1978</b>
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Kurti was a member of the Physics Committee.

H.372-H.385	Grant applications	1964-1978
	14 folders.	

H.386-H.389	Miscellaneous correspondence and duplicated typescript papers	1967-1975
	4 folders.	

<b>H.390-H.392</b>	<b>Data Compilation Committee</b>	<b>1973-1979</b>
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The Data Compilation Committee was established in April 1974 to review the support of data compilation offered by the SRC and to award grants in this area. It was replaced in 1978 by the Advisory Data Panel which was dissolved the following year. Kurti was a member of the Committee and the Panel.

See also H.826, H.827.

H.390	Correspondence and papers	1973-1979
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Includes letter from Kurti as Chairman of the British National Committee on Data for Science and Technology suggesting the establishment of an SRC committee, terms of reference, April 1974; draft of first report, 1975; correspondence *re* IUPAC Thermodynamic Tables Project Centre, 1977; terms of reference of Advisory Data Panel, April 1978.

H.391, H.392	Minutes of meetings  2 folders.  Also includes 'Comments of SRC's support of data activities' by Kurti as Chairman of the British National Committee on Data for Science and Technology, February 1975 (H.391) and 'The support of data compilation - the second report of the data compilation committee', March 1976 (H.392).	1974-1978
H.393-H.399	<b>Energy Round Table, Worcester College Oxford, 18-19 September 1978</b>  Kurti was a member of the Working Group on Energy Storage.	1977-1978, n.d.
H.393	'Energy Round Table Working Groups. Papers for the meeting to be held on 10th July 1978'  Contents of Kurti's folder so labelled: papers for meeting of Energy Storage Working Group.	1978
H.394, H.395	'Sand storage and other storage. Papers for En. Round Table'  Contents of Kurti's folder so inscribed.	
H.394	Draft of Kurti's contribution to report, August, and of Working Group report September 1978	1978
H.395	Typescript copies of 'Le stoackage et le transport de l'energie', 1977 and of 'Heat storage in sand' by Kurti, used	1977, n.d.



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as material for his contribution

H.396-H.399      'Energy Round Table 1978'      1978

Contents of Kurti's folder so labelled: papers for Energy Round Table, report of the Round Table (H.399).

4 folders.

H.400, H.401      **DEPARTMENT OF EDUCATION AND SCIENCE  
ADVISORY COMMITTEE FOR SCIENTIFIC AND  
TECHNICAL INNOVATION**      1966-1969

Kurti joined this committee at its fourth meeting.

H.400      Minutes of committee meetings      1966-1968

Also includes note for the committee on 'Reports, Preprints and "Preprints" ' by Kurti, February 1968.

H.401      Miscellaneous correspondence and papers found with the minutes      1966-1969

H.402      **DEPARTMENT OF ENERGY COMBINED HEAT AND  
POWER GROUP**      1975-1979

Includes Kurti's 'Notes on heat transport', June 1975 and his 'Reflections on the Combined Heat and Power Working Group', June 1976 beginning 'I am worried about the progress of the CHP Group's work and I've put down on paper my views. The presentation is brief and blunt'.

Kurti was a member of the Department of Energy's Combined Heat and Power Group, chaired by Walter Marshall. He was also a member of the District Heating Association (DHA), later the Combined Heat and Power Association (H.113, H.114).

There is further material relating to CHP at D.14-D.18.

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<b>H.402A</b>	<b>ELECTRICITY COUNCIL RESEARCH CENTRE</b>	<b>1971</b>
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Results of tasting tests.

These comparison tests were made to determine whether there were noticeable differences between frozen and non-frozen food samples.

See also J.399.

<b>H.403-H.433</b>	<b>ELECTRICITY SUPPLY RESEARCH COUNCIL (ESRC)</b>	<b>1960-1979</b>
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Kurti joined the ESRC in 1960. He served to 1979.

<b>H.403-H.420</b>	<b>Papers of meetings</b>	<b>1960-1979</b>
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Chiefly agenda and minutes. Some annotated by Kurti or with manuscript notes appended.

<b>H.403</b>	<b>1960</b>
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<b>H.404</b>	<b>1961</b>
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<b>H.405</b>	<b>1962</b>
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<b>H.406</b>	<b>1963</b>
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<b>H.407</b>	<b>1964-1965</b>
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<b>H.408</b>	<b>1966-1967</b>
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<b>H.409</b>	<b>1968</b>
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H.410 1969

H.411 1970

H.412 1971-1972

H.413 January, April 1973

H.414 July, October 1973

H.415 1974

H.416 1975

H.417 1976

H.418 1977

H.419 1978

H.420 1979

H.421-H.429 'ESRC General correspondence'

1960-1979

Contents of Kurti's folder so labelled. Includes correspondence and papers *re* venues for meetings of the committee, heat pumps and membership.

The meetings of the committee were often held at electricity generating or supply installations and included tours of the facilities.

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|-------|-----------|--|
| H.421 | 1960-1961 |  |
|       |           | Includes invitation to serve and terms of reference, International Conference on Gas Discharges and the Electricity Supply Industry, May 1962.   |
| H.422 | 1962-1963 |  |
| H.423 | 1964-1968 |  |
|       |           | Includes Kurti's 'Notes on a visit to the Shin An Chiang hydro-electric power station [...] China, on August 15th 1964', and draft paper by W.R. Hawthorne on university research, April 1967. |
| H.424 | 1969-1972 |  |
| H.425 | 1974-1975 |  |
|       |           | Chiefly correspondence and papers <i>re</i> heat pumps, including correspondence in the <i>Financial Times</i> .   |
|       |           | Also includes annotated menu for visit of ESRC to CEGB Generation Development and Construction Division, 24-25 July 1975.  |
| H.426 | 1976-1977 |  |
|       |           | Includes 'Report on discussions in Copenhagen on 11-12 December 1975' by Kurti, distributed March 1976.  |
| H.427 | 1978      |  |
|       |           | Includes information for visits to Dungeness 'B' Nuclear Power Station, April, and Berkeley Nuclear Laboratories, July, and proposed visit to a facility in France, June 1979.                 |
| H.428 | 1979      |  |
|       |           | Chiefly <i>re</i> visit to France, 25-27 June. Also includes Kurti's   |



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'Note on a visit to the Electricity Council Research Centre on Friday 22 July 1977' to survey heat pump developments.

H.429	Background information, chiefly in French	1978, 1979
H.430-H.432	'E.S.R.C. Energy storage'  Contents of Kurti's folder so labelled: correspondence and papers.	1961, 1972, 1977
H.430	ESRC discussion meeting on storage of energy by electrochemical methods, 21 July 1961  Includes correspondence and papers <i>re</i> flywheels and fuel cells, Kurti's manuscript notes on meeting.	1961
H.431	Advanced battery for electrical propulsion	1972
H.432	Fuel cells	1977
H.433	Correspondence <i>re</i> application from Chatham House Grammar School for research grant to study paramagnetic resonance	1961
H.434-H.450	<b>EUROPEAN PHYSICAL SOCIETY (EPS)</b>  Kurti was a founding member of the EPS.	<b>1967-1989</b>
H.434	General correspondence and papers  Includes letter to S.F. Edwards <i>re</i> inaugural meeting of the Society, Florence, September 1968.	1967-1975

**Societies and organisations, H.1-H.992**

H.435	'Setting up the EPS leading up to Florence meeting'  Bundle of correspondence and papers so labelled.	1967-1969
H.436	'S.F. Edwards <i>re</i> Roy. Soc. + finances'  Bundle of correspondence and papers so labelled.	1969-1970
H.437	'N.K. draft proposals for Europhysics Conferences (Gordon type) & comments'  Bundle of correspondence and papers so labelled.	1970
H.438	'General correspondence Conf. Comm & Sub Comm'  Bundle of correspondence and papers so labelled.	1970-1972
H.439, H.440	'Study conferences. Conference Committee'  Contents of folder so labelled: chiefly <i>re</i> planned Europhysics Study Conferences, Kurti's reports on meetings of the EPS Council and Conference Committee.  2 folders.  Kurti served on the Europhysics Conference Committee to 1975.	1970-1976, 1982
H.441-H.445	Papers of meetings of Council and Executive Committee of the EPS  Kurti attended meetings of the Executive Committee and Council as the editor of the journal <i>Europhysics Letters</i> .	1984-1989
H.441	1984-1985	
H.442	1986	
H.443	1987	

**Societies and organisations, H.1-H.992**

H.444	1988	
	Includes Kurti's 'Comments on the proposed Advisory Committee on Energy', November 1988	
H.445	1989	
H.446-H.450	'Low Temperature Division EPS 1968-1973'	1968-1972
	Contents of folder so labelled.	
H.446	'Foundation of the LTP Division of the EPS'	1968-1969
	Bundle of correspondence and papers so labelled.	
H.447	'Draft of the letter from Gorter to Guinier - <i>re</i> closer co-operation between divisions + comments on letter'	1968-1971
	Bundle of correspondence and papers so labelled.	
	The letter to A. Guinier, Chairman of the Physics of Condensed Matter Division was drafted in 1971 by Kurti on behalf of C.J. Gorter, Chairman of the Low Temperature Division.	
H.448	'Summer schools [...] Twente June 22-Jul 4, 1970 Grenoble - June 28-July 10, 1971'	1970-1971
	Bundle of correspondence and papers so labelled.	
H.449	'Freudenstadt. Correspondence leading up to it - all notes + papers relating to discussions'	1969-1972
	Bundle of correspondence and papers so labelled relating to meeting at Freudenstadt, Germany to discuss relation of the Low Temperature and Condensed Matter Divisions, and possible establishment of the Low Temperature group as a section of the Condensed Matter Division.	
H.450	'Albé 11-14 April 1972'	1971-1972

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Bundle of correspondence and papers so labelled, chiefly *re* arrangements for Europhysics Study Conference on Thermometry and Thermal Contact below 50 Millidegree Kelvin', Albé, France (see also G.141).

<b>H.451-H.455</b>	<b>FRENCH EMBASSY IN LONDON</b>	<b>1971-1987</b>
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Contents of Kurti's folder inscribed 'France': includes correspondence *re* television broadcast by Kurti for French television, correspondence and papers *re* meetings of French research workers in Britain organised by the Scientific Department of the French Embassy at the Maison Française in Oxford, visits by French scholars to Oxford and French Government scholarships and related material.

H.451	Reunions des Chercheurs Français en Grande-Bretagne	1973, 1977
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H.452	Correspondence <i>re</i> television broadcast for Office de Radiodiffusion Télévision Française	1973-1975
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H.453	General and miscellaneous correspondence	1973-1987
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H.454, H.455	Printed background and information material	1971-1976
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<b>H.456</b>	<b>GREAT BRITAIN/EAST EUROPE CENTRE</b>	<b>1969-1990</b>
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Miscellaneous correspondence and papers.

<b>H.457</b>	<b>HUNGARIAN ACADEMY OF SCIENCES</b>	<b>1993-1998</b>
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Correspondence.

/...



**Societies and organisations, H.1-H.992**

/... In Hungarian.

**H.458-H.481**

**INSTITUT INTERNATIONAL DU FROID**

**1958-1982**

The Institut International du Froid (IIF) or International Institute of Refrigeration was established in 1920, as the successor to the International Association of Refrigeration. When Kurti joined it had nine commissions, of which he was concerned with Commission 1, Scientific problems of low temperature physics and thermodynamics. In 1971 the IIF divided itself into four sections. The first, A, was concerned with Cryology. This in turn had three commissions, A1, Cryophysics, A2 Cryoengineering and A3 Separation of Gases. Commission A1 was not felt to be as active as it should be and it was proposed to merge it with A2. Kurti opposed this and a ballot was held the result of which supported Kurti. Kurti was nominated to serve as a UK representative on Commission A1 1971-1975 and served as Vice-President.

In 1969 it was agreed to coordinate activities with the Commission on Very Low Temperatures of the IUPAP, with Kurti serving as a common member to liaise between them.

Kurti was also a member of the UK Standing Committee on IIF. He served until its dissolution in 1981.

See also G.102

H.458-H.465	General correspondence and papers
H.466-H.468	International Congresses of Refrigeration
H.469-H.473	Meetings of Commission 1 and Commission A1
H.474-H.480	Meetings of UK Standing Committee of the International Institute of Refrigeration
H.481	Background and information material

**Societies and organisations, H.1-H.992**

<b>H.458-H.465</b>	<b>General correspondence and papers</b>	<b>1961-1982</b>
H.458	1961-1963  Includes correspondence <i>re</i> possible IIF commission in cryogenic engineering, proposed by Kurti.	
H.459	1967-1971  Chiefly correspondence 1971 with E.F. Hammel, <i>re</i> possible reform of IIF Commission 1.	
H.460	1972-1973  Includes Kurti's definitions of terms for cryology section of IIF dictionary.	
H.461	1974  Chiefly correspondence on Commission A1 and proposal to merge it with A2.	
H.462	January-March 1975  Chiefly <i>re</i> future of Commission A1. Also correspondence <i>re</i> Canadian participation in IIF.	
H.463	May-December 1975  Chiefly correspondence <i>re</i> presidency of Commission A1.	
H.464	1976-1977	
H.465	1978-1982	

**Societies and organisations, H.1-H.992**

<b>H.466-H.468</b>	<b>International Congresses of Refrigeration</b>	<b>1962-1963, 1967</b>
H.466, H.467	11th Congress, Munich, Germany, 27 August-4 September 1963  Correspondence and papers <i>re</i> arrangements; minutes of meetings; etc.  2 folders.	1962-1963
H.468	12th Congress, Madrid, Spain  Conference information; programme.  See also G.91	1967
<b>H.469-H.473</b>	<b>Meetings of Commission 1 and Commission A1</b>	<b>1966-1975</b>
H.469	Commission 1, 17 June 1966; 29 August 1967	1966, 1967
H.470	Commission 1, 6 May 1968; 24 March 1969; 11 September 1970	1968-1970
H.471	Commission 1, 2 September 1971	1971
H.472	Commission A1, 24 September 1972	1972
H.473	Commission A1, 17 August 1975	1975
<b>H.474-H.480</b>	<b>Meetings of UK Standing Committee of the International Institute of Refrigeration</b>	<b>1973-1981</b>
H.474	1st meeting, 15 February 1973  Includes invitation to serve.  Kurti was not at this stage a member of the Committee.	1973

# **Societies and organisations, H.1-H.992**

H.475	2nd meeting, 15 August 1973	1973
H.476	3rd meeting, 12 March 1974	1974
H.477	4th meeting, 10 October 1974	1974
H.478	6th meeting, 14 October 1975	1975
H.479	7th meeting, 25 March 1976	1976
H.480	Meetings 1979, 1980  Also includes letter <i>re</i> dissolution of Committee, October 1981.	1979-1981
H.481	<b>Background and information material</b>	<b>1958-1978</b>
H.482-H.560	<b>INSTITUTE OF PHYSICS/INSTITUTE OF PHYSICS AND PHYSICAL SOCIETY</b>	<b>1958-1990</b>

See also Physical Society H.765-H.780.

Kurti joined the Physical Society in 1942 and the Institute of Physics in 1945. The Institute of Physics and Physical Society merged in 1960 to become the Institute of Physics and Physical Society. Subsequently this was shortened to the Institute of Physics.

H.482-H.489      General

H.490-H.495      Merger of the Institute of Physics and the Physical Society



**Societies and organisations, H.1-H.992**

	H.496-H.498	Council	
	H.499-H.510	Awards Committee	
	H.511-H.513	Fellowships etc	
	H.514-H.517	Advisory Panel for Physics Bulletin	
	H.518-H.520	External and Professional Affairs Committee	
	H.521	Meetings Committee	
	H.522-H.547	Low Temperature Group	
	H.548-H.556	History of Physics Group	
	H.557-H.560	Holweck Reunion Meetings	
<b>H.482-H.489</b>	<b>General</b>		<b>1961-1982</b>
H.482	1961-1967	Includes correspondence <i>re</i> publications of the Institute.	
H.483	1968-1969	Includes material <i>re</i> response to Warsaw Pact invasion of Czechoslovakia, 1968, including correspondence <i>re</i> publications.	
H.484	1970	Includes papers of meeting to discuss the report of the Science Research Council's Physics Committee; correspondence <i>re</i> publications.	

**Societies and organisations, H.1-H.992**

H.485	1971	
	Includes correspondence <i>re</i> honorary fellowships, European relations, charges for conferences, and the Presidency.	
H.486	1972	
	Includes obituaries of Claude Bloch and Peter Frank.	
H.487	1973-1974	
	Includes draft of article on 'Professional etiquette' by Kurti, submitted to <i>Physics Bulletin</i> (see also H.520), and letter to O.S. Heavens explaining his resignation from Council, 1973.	
H.488	1975-1976	
H.489	1977-1982	
	Includes correspondence <i>re</i> publications.	
H.490-H.495	<b>Merger of the Institute of Physics and the Physical Society</b>	<b>1958-1974</b>
	The two organisations agreed to merge in 1960. As a member of the former Physical Society Kurti was exercised by the constitutional treatment of that Society's legacy within the new merged body. This came to a head in 1973-1974 with the question of the status to be accorded to Fellows of the former Physical Society.	
H.490	Papers <i>re</i> merger	1958-1959
H.491-H.495	Correspondence and papers <i>re</i> status of Fellows of the former Physical Society	1968-1974
	5 folders.	/...

**Societies and organisations, H.1-H.992**

/...

When the Institute of Physics and Physical Society gained its charter of incorporation, the title Fellow of the Physical Society ceased to be recognised and became instead Fellow of the former Physical Society. However, those Fellows of the former Physical Society who were also Fellows of the Institute of Physics were told they could only be referred to as Fellows of the Institute of Physics. Some including Kurti were angered at what they saw as a breaking of the terms upon which the two bodies had agreed to merge and unfairness to the legacy of the Physical Society.

**H.496-H.498**

**Council**

**1969-1973**

Kurti served from 1969 to his resignation in July 1973.

H.496

Miscellaneous correspondence

1969-1973

Includes notification of election, July 1969, and letter of thanks for service, October 1973.

H.497

Papers for meeting, 7 July 1970

1970

H.498

Minutes of meetings, 1972-1973

1972-1973

**H.499-H.510**

**Awards Committee**

**1968-1974**

H.499-H.505

Meetings

1968-1974

H.499

29 October 1968; 28 October 1969; 27 November 1969

1968-1969

H.500, H.501

30 September 1970

1970

2 folders.

H.502

7 October 1971

1971

**Societies and organisations, H.1-H.992**

H.503	12 October 1972	1972
H.504	15 June 1973; 16 October 1973	1973
H.505	9 October 1974	1974
H.506-H.510	Correspondence and papers <i>re</i> award nominations	1969-1974
H.506	1969-1970	
H.507	1971	
H.508	1972	
H.509	1973	
H.510	1974	
<b>H.511-H.513</b>	<b>Fellowships etc</b>	<b>1958-1973</b>
	Applications to be admitted as a Graduate, Associate or Fellow of the Institute.	
H.511	1958, 1963-1965	
H.512	1967-1968	
H.513	1970-1973	



**Societies and organisations, H.1-H.992**

**H.514-H.517      Advisory Panel for Physics Bulletin      1981-1984**

Correspondence and papers, including agenda, notes and minutes of meetings.

The Panel was established in 1981 and Kurti was invited to serve as Chairman (accepted).

H.514      1981

H.515      1982

H.516      1983

H.517      1984

**H.518-H.520      External and Professional Matters Committee      1970-1973**

Correspondence and papers *re* matters for discussion by the Committee.

H.518      1970

Training of physicists

H.519      1971

Promotion of the Institute of Physics and its activities.

H.520      1972-1973

Chiefly Kurti's paper on 'Professional etiquette' (see also H.487); and employment of women in physics (with Kurti's note 'Employment of women graduates', June 1973, drawing attention to unfair discrimination).

**Societies and organisations, H.1-H.992**

<b>H.521</b>	<b>Meetings Committee</b>	<b>1972, 1975</b>
	<p>Papers of meetings.</p> <p>Kurti was a member of the committee representing the European Physical Society Conference. He stepped down in 1975.</p>	
<b>H.522-H.547</b>	<b>Low Temperature Group</b>	<b>1960-1990</b>
	<p>Kurti was a member of the Physical Society's Low Temperature Group prior to the merger with the Institute (see H.766). He was elected to the Committee in 1966 as Vice-Chairman and was Chairman from 1967 to 1970.</p>	
H.522	Constitution of the Group	1961
	<p>Following the amalgamation of the Physical Society and Institute of Physics the Constitution of the Group had to be revised.</p>	
H.523-H.526	Annual General Meetings	1960-1992
	<p>Agenda, minutes and papers of meetings. Not a complete sequence.</p>	
H.523	1961-1964	
H.524	1965-1969	
H.525	1970-1974	
H.526	1975-1992	
H.527-H.529	Committee meetings	1966-1970
	<p>Agenda, minutes and papers of meetings.</p>	

**Societies and organisations, H.1-H.992**

H.527	1966-1967	
H.528	1968	
H.529	1969-1970	
H.530-H.532	Scientific meetings Programmes of meetings, some annotated by Kurti. 3 folders.	1962-1977
H.533-H.538	General correspondence and papers  Chiefly <i>re</i> Council and Committee meeting business (including membership), and for themes and arrangements for Scientific Meetings.	1961-1970
H.533	1961-1966	
H.534	1967	
H.535	January-June 1968	
H.536	July-December 1968	
H.537	1969	
H.538	1970	
H.539-H.546	The Simon Memorial Prize  The Simon Prize was awarded for distinguished work in	1961-1990

**Societies and organisations, H.1-H.992**

low temperature physics.

H.539	General correspondence <i>re</i> Prize	1968-1969
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H.540	1961 Prize	1961
	Awarded to I.M. Lifshitz.	

H.541	1963 Prize	1963
	Awarded to H.E. Hall and W.F. Vinen.	

H.542	1965 Prize	1965, 1975
	Awarded to J.C. Wheatley.	

H.543, H.544	1967 Prize	1967-1968
	2 folders.	
	Awarded to K.A.G. Mendelssohn. Mendelssohn delivered his Simon lecture the following year.	

H.545, H.546	1970 Prize	1969-1970, 1990
	2 folders.	
	Includes at H.546 Kurti's remarks made in presenting the Prize to Professor W. Meissner, 14 May 1970.	

H.547	Newsletters	1963-1990
	Not a complete sequence.	

H.548-H.556	<b>History of Physics Group</b>	<b>1983-1989</b>
	This Group was founded in 1984, with Kurti as a founder member. He served on the Committee to 1989.	



**Societies and organisations, H.1-H.992**

H.548	Establishment of the Group  Includes papers of discussion meeting 1 February 1984.	1983-1984
H.549	Steering Committee  Meeting of Steering Committee, 1 March 1984; application for recognition as a Group; draft constitution.	1984
H.550	Meetings on Experimenters and Instruments, 20 February 1985, and Projects in the History of Physics, 10 July 1985  Correspondence and papers <i>re</i> arrangements.  Kurti spoke on the subject of laboratory notebooks at both meetings.	1984-1985
H.551	Committee meeting, 17 December 1984 and 20 February 1985	1984-1985
H.552	Meeting on the Education of Physicists between the Wars, Manchester, 30 October 1985  Correspondence and papers, including Kurti's notes on his university education in Paris and Berlin, 1926-1931.	1985
H.553	Committee meeting, 30 October 1985	1985
H.554	Miscellaneous correspondence and papers	1986
H.555	Meeting on the History of Physics for the Physicist, Oxford, 2-4 July 1986  Correspondence and papers.  Kurti spoke on 'Reflections of an Amateur Historian of Science'.	1985-1986

**Societies and organisations, H.1-H.992**

H.556	Miscellaneous correspondence and papers	1987-1989
<b>H.557-H.560</b>	<b>Holweck Reunion Meetings</b>	<b>1970, 1977, 1987</b>
	Chiefly material relating to dining and social arrangements for reunion meetings of Holweck prize-winners.	
	The Holweck Prize was established in 1945, jointly by the French and British Physical Societies as a memorial to Fernand Holweck, Director of the Curie Laboratory of the Radium Institute in Paris, who was tortured and killed by the Gestapo in 1941. The award was made in alternate years by the Councils of the two societies (the Physical Society to 1960, then the Institute of Physics, and the Société Française de Physique) to a physicist selected from a list of nominees submitted by the other.	
H.557	1970 Reunion	1970
H.558, H.559	1977 Reunion	1977-1979
	2 folders.	
	At H.559 are 4 group photographs of participants.	
H.560	1987 Reunion	1987
<b>H.561-H.566</b>	<b>INTER-UNIVERSITÉ</b>	<b>1966-1970</b>
	Contents of Kurti's folder, chiefly papers <i>re</i> Inter-Université but includes material on science in France.	
	Inter-Université was the common form of the Association des enseignants et chercheurs pour la coopération universitaire en Europe (or Association of University Staff to Promote Inter-University Cooperation in Europe).	
H.561	Colloque de Caen	1966-1967
	Report of the 'Colloque National de Caen, 11-13 November	

**Societies and organisations, H.1-H.992**

1966', sent to Kurti for information by the Scientific Office of the French Embassy in London.

H.562	Correspondence and papers	1967-1969
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Includes Kurti's 'Notes on a meeting held at the ... CNRS Headquarters in Paris on Wednesday 5 February 1969 to discuss the career prospects of young physicists'.

H.563, H.564	Papers <i>re</i> Inter-Université seminar on 'Towards a European Community of teachers and research workers', Brussels, Belgium, 23-25 October 1969	1969
	2 folders.	

H.565	Inter-Université papers	1970
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H.566	Newspaper cuttings etc.	1968-1969
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H.567-H.627	<b>INTERNATIONAL COUNCIL OF SCIENTIFIC UNIONS (ICSU)</b>	<b>1966-1994, n.d.</b>
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See also British National Committee for ICSU, H.829.

H.567, H.568	General
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H.569-H.627	Committee on Data for Science and Technology (CODATA)
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**Societies and organisations, H.1-H.992**

<b>H.567, H.568</b>	<b>General</b>	<b>1977</b>
H.567	Correspondence <i>re</i> General Assembly of ICSU Abstracting Board, York, June 1977	1977
H.568	Correspondence <i>re</i> expulsion of Taiwan from International Union of Geodesy and Geophysics at the behest of the People's Republic of China	1977
<b>H.569-H.627</b>	<b>Committee on Data for Science and Technology (CODATA)</b>	<b>1966-1994, n.d.</b>
	<p>This material includes papers for CODATA meetings and correspondence <i>re</i> policy issues. However, the bulk is Treasurer's correspondence <i>re</i> CODATA funding from ICSU/UNESCO, sums to be awarded for CODATA activities, claims for reimbursement of expenses.</p> <p>CODATA was established by ICSU in 1966 as an interdisciplinary committee to promote the evaluation, compilation and dissemination of data for science and technology and to foster international collaboration in this area. Kurti joined as the Union delegate for IUPAP in 1973, also serving on the Bureau. He became Treasurer of CODATA in 1974, serving to 1980. See also the British National Committee on Data for Science and Technology H.819-H.828.</p>	
H.569	Minutes of first meeting of CODATA, 16-17 June 1966	1966
H.570	Third International CODATA Conference, Le Creusot, France, 26-29 June 1972	1972
	<p>Correspondence and papers, including programme.</p> <p>See also G.148.</p>	
H.571	Miscellaneous correspondence and papers, July-December 1972	1972
	<p>Includes draft of revised constitution, and Kurti's 'Some notes about the future of Codata', December.</p>	



**Societies and organisations, H.1-H.992**

H.572-H.574	<p>Papers responding to CODATA questionnaire, reporting on data compilation activities of the international scientific unions</p> <p>Probably assembled for ICSU General Assembly, September, Helsinki, Finland.</p> <p>3 folders.</p>	1972
H.575	<p>Miscellaneous correspondence and papers</p> <p>Includes notes for meeting of drafting committee, 18 January; minutes of 8th CODATA General Assembly, Stockholm, Sweden, 10-11 September.</p>	1973
H.576	<p>Notes of joint meeting between representatives of CODATA, the Federation of Astronomical and Geophysical Sciences, ICSU Panel on World Data Centres, Committee on Geological Data and the Scientific Committee on Oceanic Research, 8 June 1973</p> <p>Kurti was a CODATA representative.</p>	1973
H.577	<p>CODATA Officers Meeting, Paris, France, 31 January-2 February 1974</p> <p>Correspondence and papers.</p>	1973-1974
H.578	<p>Miscellaneous correspondence and papers, January-April</p>	1974
H.579	<p>CODATA and ICSU meeting, Paris, France, 1 May 1974</p> <p>The meeting considered room allocation at ICSU headquarters.</p>	1974
H.580	<p>Miscellaneous correspondence and papers, May-June</p> <p>Chiefly re CODATA publications.</p>	1974
H.581, H.582	<p>Fourth International CODATA Conference, Tsakhadzor, Armenia, USSR, 24-27 June 1974</p>	1974

**Societies and organisations, H.1-H.992**

Papers of the conference and meetings held during its proceedings; correspondence arising.

2 folders.

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|--------------|--|------|
| H.583        | Miscellaneous correspondence, July-October   | 1974 |
|              | Includes notes on CODATA Bulletin 'Proposition'.   |      |
| <br>         |  |      |
| H.584        | Correspondence and papers <i>re</i> CODATA at ICSU General Assembly, Ankara, Turkey, September 1974  | 1974 |
|              | Includes Kurti's 'remarks' when presenting reports of CODATA, ICSU/AB and the ICUS Panel on World Data Centres.  |      |
|              | Kurti represented CODATA at the meeting.   |      |
| <br>         |  |      |
| H.585        | Miscellaneous correspondence   | 1975 |
|              | Chiefly travelling expenses, preparation of CODATA brochure.   |      |
| <br>         |  |      |
| H.586        | CODATA financial papers  | 1975 |
| <br>         |  |      |
| H.587, H.588 | Miscellaneous correspondence and papers  | 1976 |
|              | Includes correspondence <i>re</i> expenditure by task groups of CODATA.  |      |
|              | 2 folders.   |      |
| <br>         |  |      |
| H.589-H.593  | Fifth International CODATA Conference, Boulder, Colorado, USA, 28 June-1 July 1976   | 1976 |
|              | Includes correspondence <i>re</i> arrangements; papers of the conference; Kurti's remarks made at the conference wine-tasting (H.589); task group, panel and national committee reports (H.590-H.592). |      |
|              | 5 folders.   |      |

**Societies and organisations, H.1-H.992**

H.594	Miscellaneous correspondence, January-May  Includes correspondence <i>re</i> CODATA brochure, and associate organisations of CODATA.	1977
H.595, H.596	Meeting of the CODATA Advisory Panel on the Biosciences, Royal Society, London, 18-19 April 1977  Correspondence <i>re</i> arrangements etc.  2 folders.	1976-1977
H.597	Miscellaneous correspondence and papers, June-July  Includes 'Principal decisions of the 22nd CODATA Executive Committee meeting, Paris, 28-29 June 1977'.	1977
H.598	Correspondence <i>re</i> scientific relations with Taiwan and the People's Republic of China, August	1977
H.599, H.600	Miscellaneous correspondence, August  2 folders.	1977
H.601	Miscellaneous correspondence and papers, September-December	1977
H.602	Miscellaneous correspondence and papers  Includes draft minutes of CODATA officers' meeting, Paris, France, 6-7 February.	1978
H.603	11th CODATA General Assembly, Santa Flavia, Italy, May 1978  Draft minutes of General Assembly and Executive Committee meetings.	1978

**Societies and organisations, H.1-H.992**

H.604	Miscellaneous correspondence and papers	1979
H.605	CODATA Executive Committee Meeting, Paris, France, 30 April-2 May 1979  Papers of meeting.	1979
H.606	'Proposal on interchange methodology for numerical data in science and technology'. Report of the CODATA Task Group on Computer Use, July 1979	1979
H.607, H.608	Correspondence <i>re</i> misunderstanding on CODATA contracts and funding  2 folders.	1979-1980
H.609	Miscellaneous correspondence and papers	1980
H.610	1982-1994, n.d.	
H.611	Newsletters  Issues 17, 33-35.	1977, 1985, 1986
H.612	Notes on 'Data needs for energy - a discussion' and 'A CODATA vade-mecum for energy?'	N.d.
H.613-H.626	Alphabetical copy correspondence  Office set of carbon copies and photocopies of Kurti's outgoing correspondence as Treasurer.  Not indexed.	1974-1977
H.613	A., B.	



**Societies and organisations, H.1-H.992**

H.614 C., D.

H.615 E., F.

H.616 G.

H.617 H., I.

H.618 J., K.

H.619 L.

H.620 M., N.

H.621 O., P., Q.

H.622 R.

H.623 S.

H.624 T., U., V.

H.625, H.626 W.  
2 folders.

H.626A, H.627 'Secretariat'

1979-1982

Bundle of correspondence so labelled divided into two for ease of reference.

**Societies and organisations, H.1-H.992**

**H.628-H.725                      INTERNATIONAL CULTURAL FOUNDATION (ICF)                      1972-1996**

The International Cultural Foundation (ICF) was founded in 1968 by the Reverend Sun Myung Moon of the Unification Church (popularly known as 'Moonies'). It was the sponsoring organisation behind the International Conferences on the Unity of the Sciences (ICUS), as well as the Professors World Peace Academy and Paragon House Publishers.

The first ICUS was held in 1972 on the 'Moral Orientation of the Sciences'.

H.628-H.703                      International Conferences on the Unity of the Sciences

H.704-H.719                      Correspondence *re* activities of the Unification Church

H.720-H.725                      Background material

**H.628-H.703                      International Conferences on the Unity of the Sciences                      1972-1996**

The material is correspondence and papers *re* arrangements, copies of papers delivered, including Kurti's, and correspondence arising, including *re* publication of proceedings. Correspondence *re* the controversy over participation in the Conferences is at H.704-H.719.

**H.628-H.632                      1st ICUS on the Moral Orientation of the Sciences, New York, USA, November 1972                      1972-1974**

5 folders.

Kurti opened the proceedings with his talk on 'The objectives of the Royal Society as formulated in 1663 and their relevance to unified science'. Incomplete proceedings are at H.631, H.632.

**H.633                      2nd ICUS on Modern Science and Moral Values, Tokyo, Japan, 18-21 November 1973                      1973**

Programme only.

Kurti did not attend.

**Societies and organisations, H.1-H.992**

H.634	3rd ICUS on Science and Absolute Values, London, 21-24 November 1974  Includes annotated programme.	1974
H.635-H.637	4th ICUS on The Centrality of Science and Absolute Values, New York, USA, November 1975  3 folders.  Kurti was an international advisor to the conference.	1974-1976
H.638, H.639	5th ICUS on The Search for Absolute Values: Harmony Among the Sciences, Washington DC, USA, 26-28 November 1976  2 folders.  Kurti was an international advisor to the conference. He chaired the session on Science and Values.	1976
H.640-H.643	6th ICUS on The Search for Absolute Values in a Changing World, San Francisco, USA, 25-27 November 1977  4 folders.  Kurti was an international advisor to the conference. He spoke on 'Scientific research and enquiry: ivory tower or the market place, slaughterhouse or Shangri-La?' (copy at H.641).	1977
H.644-H.646	7th ICUS on The Re-evaluation of Existing Values and the Search for Absolute Values, Boston Massachusetts, USA, 24-26 November 1978  3 folders.  Kurti was an international advisor to the conference.	1978
H.647-H.649	8th ICUS on The Responsibility of the Academic Community in the Search for Absolute Values, Los Angeles, USA, 22-25 November 1979.	1979-1980



**Societies and organisations, H.1-H.992**

3 folders.

Kurti was an international advisor to the conference. He was moderator for the session 'Do new patterns of wealth demand new structures of society?' His notes are at H.649.

H.650-H.654

9th ICUS on Absolute Values and the Search for the Peace of Mankind, Miami Beach, Florida, USA, 27-30 November 1980

1980-1981

5 folders.

Kurti was an international advisor to the conference. He was a Group Chairman for the session on 'Technology and Authority: Centralisation and Control'. His notes for the Chairman's summary are at H.654.

H.655-H.657

10th ICUS on The Search for Absolute Values and the Creation of the New World, Seoul, South Korea, 9-13 November 1981

1981

3 folders.

Kurti was an international advisor to the conference. He was a Group Chairman for the session on 'Materials'.

H.658-H.663

11th ICUS on The Search for Absolute Values and the Creation of the New World, Philadelphia, USA, 25-28 November 1982

6 folders.

Kurti was an international advisor to the conference. He was a Chairman for the session on 'Technology as a panacea?'

H.664-H.668

12th ICUS on The Search for Absolute Values and the Creation of the New World, Chicago, USA, 24-27 November 1983

1983

5 folders.

Kurti was an international advisor to the conference. He spoke on 'Science and technology: blessing or curse to the arts?' (draft and final copies at H.667).



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|--------------|--|-----------|
| H.669, H.670 | <p>13th ICUS on Absolute Values and the New Cultural Revolution, Washington DC, USA, 2-5 September 1984</p> <p>2 folders.</p>  | 1984      |
|              |  |           |
| H.671-H.677  | <p>14th ICUS on Absolute Values and the New Cultural Revolution, Houston, Texas, 28 November-1 December 1985</p> <p>7 folders.</p> <p>Kurti was a 'discussant' in the session on 'Organisation and change in the universe'.</p>  | 1985-1987 |
|              |  |           |
| H.678-H.683  | <p>15th ICUS on Absolute Values and the New Cultural Revolution, Washington D.C., USA, 27-30 November 1986</p> <p>6 folders.</p> <p>Includes Kurti's comments on papers delivered at H.681.</p> <p>Kurti was a 'discussant' in the session on 'Energy'.</p>  | 1986-1987 |
|              |  |           |
| H.684-H.690  | <p>16th ICUS on Absolute Values and the Reassessment of the Contemporary World, Atlanta, Georgia, USA, 26-29 November 1987</p> <p>7 folders.</p> <p>Kurti participated in the session on 'The human food chain', speaking on 'The sensual aspects of food consumption'.</p> <p>See also F.154.</p> | 1986-1989 |
|              |  |           |
| H.691-H.693  | <p>17th ICUS on Absolute Values and the Reassessment of the Contemporary World, Los Angeles, USA, 24-27 November 1988</p> <p>3 folders.</p> <p>Kurti participated in the session on 'Ethnocentrism vs world unity', speaking on 'Are science and ethnocentrism compatible?' (H.693).</p>           | 1988      |

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H.694-H.697	<p>18th ICUS on Absolute Values and the Reassessment of the Contemporary World, Seoul, South Korea, 23-26 August 1991</p> <p>4 folders.</p> <p>Kurti participated in the session on 'The limits of science', speaking on 'The limits of scientists' science' (H.697).</p>	1989-1991
H.698-H.701	<p>18th ICUS on Absolute Values and the New World Order, Seoul, South Korea, 19-22 August 1992</p> <p>4 folders.</p> <p>Kurti participated in the session on 'The Modern University in Transition', speaking on 'Diversity and specialization in primary, secondary and higher education' (H.699).</p>	1992
H.702	<p>20th ICUS August 1995 and 21st ICUS November 1997</p> <p>Brief correspondence only.</p>	1995-1996
H.703	<p>Printed booklets on ICF and ICUS</p>	
H.704-H.719	<p><b>Correspondence re activities of the Unification Church</b></p> <p>Over the years considerable unease was expressed at the activities of the Unification Church, particularly with regard to students and young people thought to be particularly impressionable. In a number of cases it was suggested they had been encouraged to break contact with their families and to leave higher education. Many thought the participation of Kurti and other leading academics in ICUS meetings gave credibility to the Unification Church. Kurti defended his attendance at the ICUS meetings but was concerned at the allegations and attempted to help in a number of cases.</p>	<b>1975-1994</b>
H.704-H.711	<p><b>General correspondence</b></p> <p>Includes correspondence with officials of the Unification Church, colleagues uneasy at the activities of the Church and M.T.M. Casey McCann, who was trying to ensure</p>	1975-1994

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young British recruits to the Church kept in touch with their families and resumed their higher education.

H.704 1975-1976

H.705 1977

H.706 1978-1979

Includes copy of Kurti's article for *Nature*, and responses thereto.

H.707 1980

H.708 1981

Includes correspondence *re* policy of Unification Church to British recruits in the USA, and article by E.V. Barker of the LSE on the Unification Church in *Clergy Review* October 1980.

H.709 1982 (1)

H.710 1982 (2)

Photocopy of circular letter from M.T.M. Casey McCann to participants at 11th ICUS asking them to raise the issue of young recruits to the Unification Church, with photocopies of replies.

H.711 1983-1994

H.712-H.719

**Cases**

1980-1984

8 folders.

This material is closed.

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<b>H.720-H.725</b>	<b>Background material</b>	<b>1975-1984</b>
H.720-H.722	Articles on the Unification Church and related  3 folders.  At H.720 is 'Should scientists attend KGB-sponsored meetings?' by R. Godement, submitted to <i>Nature</i> as a response to Kurti's piece published in November 1978 (see H.706).	1975-1983, 1990
H.723-H.725	Newspaper cuttings  3 folders.	1975-1984
<b>H.726</b>	<b>INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY (IUPAC)</b>  Information on IUPAC activities.	<b>1979</b>
<b>H.727, H.728</b>	<b>INTERNATIONAL UNION OF PURE AND APPLIED PHYSICS (IUPAP)</b>  Correspondence and papers <i>re</i> 14th IUPAP General assembly, USA. At H.728 is Kurti's report on proceedings and conference photograph.  2 folders.  See also G.152, G.153	<b>1971-1972</b>
<b>H.729</b>	<b>INTERNATIONAL UNION OF THE HISTORY AND PHILOSOPHY OF SCIENCE</b>  Chiefly <i>re</i> meeting of the Science Policy Commission, Paris, France, 30-31 July 1980. Includes Kurti's report.	<b>1968, 1970</b>



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Kurti was invited to meetings of the Science Policy Commission (Commission 'Domaine de la Politique de la Science') as part of the preparations for the International Congress for the History of Science to be held in Moscow, USSR in 1971.

**H.730-H.737**

**LOW TEMPERATURE BIOLOGY CLUB (later SOCIETY FOR LOW TEMPERATURE BIOLOGY)**

**1965-1990**

Chiefly correspondence *re* arrangements and papers for meetings.

This society began as the Löwenbrau Low Temperature Biology Club in 1965. It shortly thereafter changed its name to the Society for Low Temperature Biology and Kurti was elected to the committee. He became Chairman in 1967, serving for two years.

H.730

1965

H.731

1965-1966

H.732

1967

H.733, H.734

1968

2 folders.

H.735

1969-1972

Includes newspaper report on 'Cryonic Suspension. An attempt to conquer death', found with the material.

H.736

1973

Includes correspondence *re* Society for Cryobiology 11th International Meeting, London, 4-8 August 1974, and

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relations with that Society.

H.737

1974-1991

1974 material includes correspondence *re* Society for Cryobiology 11th International Meeting.

H.738-H.742

**MINISTRY OF TECHNOLOGY ADVISORY COMMITTEE  
FOR RESEARCH ON MEASUREMENTS AND  
STANDARDS**

1969-1973

This committee was established under the Ministry of Technology in 1969. Kurti was Chairman. It was to identify the requirements of industry and science in the areas of measurement and standards, and survey work carried out in these areas in Ministry establishments such as the National Physical Laboratory. With the dissolution of the Ministry of Technology in 1970 the committee came under the Department of Trade and Industry. It was wound up in 1973. On the dissolution of the committee a separate body was established to oversee work on measurements at the National Physical Laboratory, on which Kurti served (see H.751-H.754).

H.738-H.741

Minutes of meetings and Kurti's Chairman's reports

1969-1972

H.738

1969

H.739

1970

H.740

1971

H.741

1972

H.742

Correspondence *re* winding up of the committee

1973

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<b>H.743</b>	<b>NATIONAL INDUSTRIAL FUEL EFFICIENCY SERVICE (NIFES)</b>	<b>1965-1973</b>
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Correspondence and papers, chiefly *re* Kurti's participation in NIFES course.

Kurti lectured in the NIFES's annual refresher course in 'Current practice in fuel efficiency' in 1965 and 1967.

See also F.19.

<b>H.744-H.754</b>	<b>NATIONAL PHYSICAL LABORATORY (NPL)</b>	<b>1954-1974</b>
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<b>H.744-H.750</b>	<b>Supply of liquid helium</b>	<b>1954-1959</b>
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Correspondence and papers *re* the supply of liquid helium.

In 1954 there was concern at the adequacy of the supply of liquid helium for the needs of university, government and industrial laboratories. The acquisition of a Collins-type helium liquefier at the National Physical Laboratory enabled a greater supply to be made available. Kurti suggested moves be made to make liquid helium from the NPL available. He chaired meetings and corresponded about the demand for liquid helium from universities, government establishments and industry.

H.744	March-September 1954
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Includes Kurti's 'Notes on a central liquid helium supply for Great Britain', 14 September.

H.745	September 1954
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H.746	October 1954
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Includes minutes of meeting held at NPL, 7 October.

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- |             |   |                  |
|-------------|---|------------------|
| H.747       | November-December 1954  |                  |
|             | Includes minutes of meeting, 9 December. Much of the correspondence is <i>re</i> methods of supply of liquid helium.  |                  |
| H.748       | January-March 1955  |                  |
|             | Includes minutes of meeting, 21 April. Correspondence is chiefly on methods of supply and running of Collins liquefier.   |                  |
| H.749       | May-December 1955   |                  |
|             | Includes 'The production and sale of liquid helium at the National Physical Laboratory. Notes on supply procedure and equipment', 1 June and 'Further Notes on production and sale of liquid helium', 28 June, and minutes of meeting, 3 November 1955. |                  |
| H.750       | 1956-1959   |                  |
|             | Includes Kurti's 'Report on visit to Louvain, 12th June, 1956' and memorandum on 'The supply of liquid helium for research purposes 2nd year, April 1956-March 1957'.   |                  |
| H.751-H.754 | <b>Advisory Committee on Measurement</b>  | <b>1973-1974</b> |
|             | This NPL committee was established following the dissolution of the Advisory Committee for Research on Measurements and Standards (see H.738-H.742). It was chaired by Kurti.   |                  |
| H.751       | Correspondence and papers, chiefly <i>re</i> establishment of the committee   | 1973             |
| H.752       | Papers for 1st meeting, 6 February 1974   | 1974             |
| H.753       | Correspondence <i>re</i> and papers of 2nd meeting, 26 February 1974  | 1974             |
|             | Includes draft of proposed remit, and revisions made  |                  |



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thereto.

H.754                      Correspondence and papers, including revised remit,                      1974  
March-December

**H.755-H.762                      NATIONAL RESEARCH AND DEVELOPMENT                      early 1940s,**  
**CORPORATION (NRDC)                      1959-1966**

Contents of Kurti's file labelled 'Cryogenic engineering'. Chiefly correspondence with National Research Development Corporation and industrial companies *re* supply and uses of liquid helium and hydrogen and developments in cryogenic engineering.

H.755                      Early 1940s, 1959-March 1960  
  
Includes note on 'Liquid helium as a fuel for aircraft' by F.E. Simon, 1941x1944, lent to M. Zvegintzov of the NRDC for information March 1960.

H.756                      May-December 1960  
  
Includes DSIR/NRDC Joint Development Committee memorandum on 'Very low temperature engineering' by Zvegintzov.

H.757                      February-June 1961  
  
Includes Kurti's 'Remarks on the availability of atmospheric helium', May 1961 and transcript of Low Temperature Group meeting discussion of 'Very low temperature engineering' by Zvegintzov (summary of longer paper at H.756).

H.758                      July-December 1961  
  
Includes minutes of meeting on very low temperature engineering, NRDC, 5 July, with Kurti's manuscript notes on proceedings.

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H.759	January-May 1962	
	Includes minutes of meeting on cryogenic engineering, NRDC, 18 January 1962; correspondence <i>re</i> visit to Philips Research Laboratories, Eindhoven, The Netherlands, February, during which Kurti and NRDC personnel surveyed work there on cryogenics (see also G.19, G.20).	
H.760	June-November 1962	
	Includes minutes of meeting on cryogenic engineering, NRDC, 2 July 1962, with Kurti's manuscript notes; correspondence and papers for cryo-pumping proposal to NRDC from Elliott Brothers.	
H.761	1963-1966	
H.762	Miscellaneous background material	1959-1961
H.763, H.764	<b>NORTH ATLANTIC TREATY ORGANISATION</b>	<b>1979-1983</b>
	Correspondence and papers including planned NATO Workshop on Nutrition (with correspondence from N.W. Pirie) and <i>re</i> Physics Survey Group.	
	2 folders.	
H.765-H.780	<b>PHYSICAL SOCIETY</b>	<b>1952-1974</b>
	See also Institute of Physics H.482-H.560.	
H.765	General correspondence	1952-1954, 1959

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H.766	Low Temperature Group  Regulations; programmes of meetings.  For the Institute of Physics' Low Temperature Group, see H.522-H.547.	1957-1960
H.767	Holweck and Simon Prizes  Correspondence.	1958-1960
H.768-H.780	100th Anniversaries of the Physical Society and the Société Française de Physique, St Helier, Jersey, 5-9 April 1974  This meeting was arranged to coincide with the 100th anniversaries of the societies.  See also G.163, G.164, J.355, J.356.	1970-1974
H.768-H.772	'General correspondence'  Correspondence so labelled, <i>re</i> possibility of holding a joint celebration, the choice of Jersey as possible venue, and arrangements for the meeting.  5 folders.	1970-1974
H.773	'Subjects for conf. & organisation & collection thereof'  Correspondence so labelled.	1972-1973
H.774, H.775	Meetings of Organising committee, Jersey committee and other meetings  2 folders.	1971-1973
H.776	Conference literature including circulars, list of participants and programme.  The handbook of abstracts is at G.164.	1973-1974

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H.777	Social functions  Menus, lists of guests etc.	1974
H.778	Report of conference by Kurti in <i>Bulletin de la Société Française de Physique</i> , October 1974  Photocopy.	1974
H.779	Financial accounts	1974
H.780	Miscellaneous material  Photocopied extracts from 50th anniversary celebrations of the Physical Society, 1924; figures for logos of the two societies.	1974
H.781, H.782	<b>ROYAL INSTITUTION</b>  Correspondence and papers <i>re</i> speakers for Royal Institution lectures, membership etc.  2 folders.  Kurti was a Manager of the Royal Institution in the early 1970s. He was appointed a Vice-President for 1971-1972. He gave a Royal Institution Discourse in 1978 and the Humphry Davy Lecture on 'How mankind uses heat and cold', June 1979.	<b>1969-1996</b>
H.783-H.926	<b>ROYAL SOCIETY</b>  Kurti was elected a Fellow of the Royal Society in 1956. He served as a Vice President 1966-1967 and was awarded the Hughes Medal 1969. He served on many committees including the British National Committee for Physics (Chairman), British National Committee for History of Science, Medicine and Technology, and International Relations Committee.	<b>1954-1996</b>



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H.783-H.817	General correspondence and papers
H.818-H.896	Committees
H.897-H.910	Meetings
H.911-H.926	Fellowships, honours and awards

<b>H.783-H.817</b>	<b>General correspondence and papers</b>	<b>1958-1996</b>
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Subjects covered range from policy issues, publications, to social functions and Royal Society hospitality, travelling expenses. At H.807-H.812 is correspondence relating to the Royal Society's election policy.

<b>H.783-H.794</b>	<b>'Royal Society - General Correspondence'</b>	<b>1961-1973</b>
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Contents of Kurti's folder so labelled: correspondence arranged in chronological order.

H.783	1961-1962
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H.784	1963-1964
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Chiefly *re* visit of E.L. Hahn to lecture at the Royal Society.

H.785	January-May 1965
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Includes correspondence *re* research chair at Sussex.

H.786	July-November 1965
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Includes material *re* proposed Science Research Council National Instrument Centre.

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H.787	January-June 1966  Includes Kurti's appointment as Vice President.	
H.788	July-December 1966	
H.789	1966-1967  Photocopied correspondence <i>re</i> gift of Australian wine to mark the Royal Society's move to Carlton House Terrace.	
H.790	1967	
H.791	1968	
H.792	1969-1970	
H.793	1971-1972	
H.794	1973	
H.795-H.797	Contents of Kurti's folder  General correspondence arranged in chronological order.	1971-1975
H.795	1971, 1973  1971 material is <i>re</i> 'A Framework for Government Research and Development' (the Rothschild Report).	
H.796	1974  Includes Kurti's letter to Sir Alan Hodgkin PRS, reporting on the ICSU General Assembly, 1974.	

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H.797	1975	
H.798-H.803	Contents of Kurti's folder  General correspondence arranged in chronological order.	1976-1985
H.798	1976-1977  Includes Kurti's request for time at next Council meeting to discuss political persecution of scientists.	
H.799	1978  Includes exchange <i>re</i> celebration of centenary of Albert Einstein's birth.	
H.800	1979-1980	
H.801	1981	
H.802	1982-1984  Includes correspondence <i>re</i> National Physical Laboratory Metrology Awards scheme.	
H.803	1985  Includes Kurti's response to questionnaire on the 'Health of basic science in the UK'	
H.804-H.806	General correspondence found loose	1987-1996
H.804	1987-1990	
H.805	1991-1992	

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H.806	1993-1996	
H.807-H.812	Contents of Kurti's folders	1969-1996
	Correspondence <i>re</i> Royal Society elections policy, especially those under Statute 12.	
	Kurti was a longstanding critic of Statute 12 elections, arguing for their replacement by a new class of Honorary Fellowship. This was brought to a head by the election of the Prime Minister Margaret Thatcher to the Fellowship in 1983, a move that angered many. Kurti also argued for clearer rules regarding the election of Commonwealth and foreign nationals. He also pressed for an increase in membership to reflect the greater number of scientists of distinction.	
H.807	1969, 1973, 1978	
	Statute 12 elections, election of foreign nationals.	
H.808	1982-1983	
	Statute 12 elections.	
H.809	1984	
	Statute 12 elections.	
H.810	1985	
	Statute 12 elections.	
H.811	1988, 1992, 1993	
	Foreign Members (includes copies of earlier correspondence 1966-1971); Statute 12 elections.	
H.812	1994, 1996	
	Election procedure; revision of Statutes.	



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H.813-H.815	'Royal Society appeal'	1966-1995
	Contents of Kurti's folder so labelled: correspondence and papers <i>re</i> appeals and response thereto.	
H.813	1966	
	Includes Kurti's approaches to potential donors.	
H.814	1974	
	Includes Kurti's approaches to potential donors.	
H.815	1995	
H.816, H.817	'Royal Society - reports on papers etc'	1958-1981
	Contents of Kurti's folder so labelled: correspondence and papers <i>re</i> refereeing of papers submitted to the Royal Society or forwarding papers for publication.	
H.816	1958-1960s	
H.817	1977, 1981	
<b>H.818-H.896</b>	<b>Committees</b>	<b>1961-1989</b>
H.818	<b>British National Committee for Physics</b>	1971-1973
	Papers for Kurti's final meeting as chairman 12 December 1972; letter of thanks for service.	
H.819-H.828	<b>British National Committee on Data for Science and Technology</b>	1966-1983
	This was also known as the British National Committee on	

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CODATA (see H.569-H.627). Kurti served from its establishment, being chairman from 1972.

H.819-H.822	Minutes and other papers of meetings  Some annotated by Kurti.  4 folders.	1966-1980
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H.823, H.824	Papers for meeting of ad hoc committee on work at the National Physical Laboratory, January 1981  2 folders.  Concern was expressed at the April 1980 meeting of the BNC on CODATA at the effects of financial cuts at the National Physical Laboratory.	1980-1981
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H.825-H.828	Correspondence <i>re</i> CODATA and related business	1971-1983
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H.825	1971-1973  Includes correspondence <i>re</i> CODATA and industry.	
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H.826	1974  Includes material <i>re</i> Science Research Council Data Compilation Committee (see also H.390-H.392).	
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H.827	1975  Chiefly material <i>re</i> Science Research Council Data Compilation Committee (see also H.390-H.392).	
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H.828	1977-1983	
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H.829	<b>British National Committee for ICSU</b>  Miscellaneous correspondence and papers.	1969-1981
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Includes report on ICSU General Assembly, Istanbul, Turkey, 22-26 September 1974 (Kurti was part of the Royal Society delegation).

H.830-H.855	<b>International Relations Committee</b>	1966-1987
	This material relates to the International Relations Committee (and subcommittees) formed in 1966, when the existing International Relations Committee was renamed the British National Committee for ICSU.	
H.830-H.832	Ad hoc Committee on relations with the Academia Sinica	1964-1966
H.830	Correspondence <i>re</i> exchanges etc	1964-1965
H.831	Papers of meeting, 5 February	1965
H.832	Papers of meeting, 29 April	1966
H.833-H.841	China Selection Subcommittee (later the China Exchanges Committee)	1978-1981
	Chiefly papers for meetings.	
	This subcommittee met to nominate scientists to visit China under the auspices of the Royal Society and to advise on placing Chinese scientists visiting the UK. With the dissolution of the International Relations Committee in 1980, it became the China Exchanges Committee reporting to Council.	
H.833	First meeting, 6 December 1978	
H.834	Second meeting, 6 February 1979	
H.835	Papers <i>re</i> relations with Chinese Academy of Sciences, April	1979

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H.836	Third meeting, 16 May 1979	
H.837	Fourth meeting, 6 November 1979	
H.838	First meeting of the China Exchanges Committee, 16 May 1980	
H.839	Reports on visits to China	1980
H.840	Second meeting, 27 October 1980	
H.841	Third meeting, 30 April 1981	
H.842-H.847	<p>Fellowships Selection Subcommittee (later the European Exchanges Committee)</p> <p>Chiefly papers for meetings.</p> <p>This subcommittee met to select scientists for visiting fellowships to European research institutes under the auspices of the Royal Society. With the dissolution of the International Relations Committee in 1980 it became the European Exchanges Committee reporting to Council.</p>	1978-1980
H.842	Meeting, 14 April 1978	
H.843	Meeting, 14 September 1978	
H.844	Meeting, 23 March 1979	
H.845	Meeting, 18 July 1979	
H.846	First meeting of the European Exchanges Committee, 17	



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March 1980

H.847	Second meeting, 1 July 1980	
H.848	Ad hoc Committees on Soviet Exchanges, 19 January 1968, and East European Exchanges, 14 January 1969  Minutes of meetings.  See also H.909.	1968-1969
H.849-H.854	Visits  Visits made to the UK by foreign scientists and by British scientists abroad under Royal Society schemes.	1964-1987
H.849-H.852	Visits to the UK  Visits of scientists from Communist countries.  4 folders.	1964-1980
H.853	Visits abroad  Reports etc on visits by British scientists.	1965-1987
H.854	Applications  Applications for travel grants.	1968-1985
H.855	Miscellaneous correspondence <i>re</i> Committee and international relations.	1966-1976
H.856-H.872	<b>Committee on Scientific Information</b>	1965-1978
H.856-H.865	Committee  Chiefly committee papers.	1965-1978

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H.856	Miscellaneous correspondence and papers	1965, 1968
H.857	Meeting, 4 May 1965	
H.858	Meeting, 18 April 1969	
H.859	Meeting, 6 January 1972	
H.860	Meeting, 9 January 1973	
H.861	Correspondence on responsibility of editors etc	1974
H.862	Meeting, 10 December 1974	
H.863	Meeting, 13 June 1977	
H.864	Meeting, 12 October 1977	
H.865	Meeting, 14 April 1978	
H.866-H.871	Conferences of Editors	1965-1975
H.866	28 June 1965  Includes Kurti's notes on terminology and nomenclature for the meeting.	
H.867	21 October 1966	

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|-------------|---|-----------|
| H.868       | 8 May 1967  |           |
|             | Includes Kurti's paper on 'The identification of essential data for science and technology in learned journals', and his manuscript notes.  |           |
| H.869       | 11 December 1967  |           |
| H.870       | 21 November 1972  |           |
|             | Kurti spoke on 'The publication of experimental and derived data'.  |           |
| H.871       | 4-5 July 1973; 2 June 1975  |           |
| H.872       | Subcommittee on the Law on Copyright  | 1974      |
|             | Correspondence <i>re</i> and papers for meeting, 3 June 1974.   |           |
| H.873-H.875 | <b>Paul Instrument Fund Committee</b>   | 1971-1981 |
|             | Correspondence and papers <i>re</i> support of work of G.B. Donaldson in development of tunnel junction thermometer.  |           |
|             | 3 folders.  |           |
|             | Kurti was the assessor to the project.  |           |
| H.876-H.893 | <b>Users Catering Committee (formerly the <i>Ad hoc</i> Catering Committee, later the Restaurant Users Committee)</b>   | 1966-1989 |
|             | With the Royal Society's move to new premises at Carlton House Terrace in 1966, the committee was established to look into catering arrangements there. The <i>ad hoc</i> committee was subsequently formalised. Kurti was a member from the beginning to the final dissolution of the committee in 1987. |           |

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H.876-H.882	Correspondence	1966-1989
	<p>This correspondence includes letters regarding the quality and cost of catering on particular occasions, suggestions for improvements, issues to be raised at meetings of the committee.</p> <p>7 folders.</p>	
H.883-H.893	Meetings	1967-1987
	<p>Papers of meetings, some annotated by Kurti.</p>	
H.883	1967-1970	
H.884	1970-1971	
H.885	1972-1973	
H.886	1974-1975	
H.887	1976-1978	
H.888	1979-1980	
H.889	1981-1982	
H.890	1983	
H.891	1984	
H.892	1985	



**Societies and organisations, H.1-H.992**

H.893	1986-1987	
H.894	<b>Ad hoc Committee to consider ways of improving slide projection in the Wellcome Lecture Hall</b>	1972-1975
H.895	<b>Ad hoc Committee on Proceedings A</b>	1963-1964
H.896	<b>Other committees</b>  Correspondence <i>re</i> service on other Royal Society committees	1961-
<b>H.897-H.910</b>	<b>Meetings</b>	<b>1966-1972</b>
H.897-H.906	Royal Society discussion meetings on engineers and scientists in industry  Two meetings, organised by Kurti and S.G Hooker, were held under Royal Society auspices at Brasenose College Oxford, 17 March and 6 July 1967. These meetings considered industry's needs, training scientists and engineers for industry, recruitment, and collaboration between universities and industry. Kurti and Hooker summarised the discussions in an article for <i>Nature</i> 'Engineers and scientists in industry' (vol. 217, 17 February 1968). This was distributed to leaders of industry and academia asking for their views.	1966-1968
H.897	Meeting at Brasenose College Oxford, 17 March 1967  Includes proposal for meeting 1966, notice, draft programme, Kurti's manuscript notes, and report.	1966-1967
H.898	Meeting at Brasenose College Oxford, 6 July 1967  Includes programme, and report.	1967
H.899	Correspondence arising, <i>re</i> following-up the two meetings	1967-1968

**Societies and organisations, H.1-H.992**

H.900	<p>'Engineers and scientists in industry', <i>Nature</i> vol 217 (17 February 1968)</p> <p>Draft; copy of article as published; correspondence with Hooker; circulation lists of offprints.</p>	1968
H.901-H.905	<p>Correspondence received in response to 'Engineers and scientists in industry'</p> <p>5 folders.</p> <p>Not indexed.</p>	1968
H.906	<p>Background material</p>	1967-1968
H.907	<p>Royal Society/US National Academy of Sciences Officers' Discussions, 10-12 June 1967</p> <p>Programme, list of participants, report and Kurti's manuscript notes.</p>	1967
H.908	<p>Meeting of Fellows of the Royal Society in Oxford, Hertford College Oxford, 2 April 1968</p> <p>Arrangements.</p>	1968
H.909	<p>Meeting to discuss visits under the Royal Society exchange schemes with Eastern Europe, Royal Society, London, 14 January 1969</p> <p>Papers for meeting.</p>	1969
H.910	<p>Meeting of Fellows of the Royal Society in Oxford, Brasenose College Oxford, 1 June 1972</p> <p>Papers for meeting, arrangements.</p> <p>This meeting discussed the need for an increase in the size of the Fellowship of the Royal Society.</p>	1972

**Societies and organisations, H.1-H.992**

<b>H.911-H.926</b>	<b>Fellowships, honours and awards</b>	<b>1954-1995</b>
H.911-H.919	<b>Sectional Committees</b>	1961-1967
	Material is subject to restricted access.	
H.911	1961, 1964	
H.912, H.913	1965 2 folders.	
H.914-H.917	1966 4 folders.	
H.918, H.919	1967 2 folders.	
<b>H.920-H.925</b>	<b>Candidates</b>	<b>1954-1995</b>
	Material is subject to restricted access.	
H.920	1954, 1959	
H.921	1960-1962	
H.922	1967-1973	
H.923	1975-1995	
H.924, H.925	Margaret Gowing 2 folders.	1984-1988

**Societies and organisations, H.1-H.992**

Material *re* election of Margaret Gowing to the Fellowship of the Royal Society under Statute 12.

H.926                      Other honours and awards                      1962-1985

**H.927-H.931                      SCIENCE POLICY FOUNDATION                      1972-1989**

Kurti became Chairman of the Committee of Management of the Science Policy Foundation in 1970. The Foundation published the journal *Science Policy* and organised meetings on aspects of science and public life.

H.927, H.928                      General and miscellaneous correspondence                      1972-1989  
  
2 folders.

H.929, H.930                      Papers for Committee of Management meetings                      1973-1975  
  
2 folders.

H.931                      Programme for Science Policy Foundation 4th International Symposium on Social Responsibility, London, 25-26 October 1973                      1973  
  
Kurti chaired the third session.

**H.932-H.935                      SOCIÉTÉ FRANÇAISE DE PHYSIQUE (SFP)                      1968-1991**

Chiefly *re* meetings of the Council of the SFP. Material at H.933 includes Colloques d'Evian de la Société Française de Physique, 25-29 May 1971.

For material on the 100th anniversary of the SFP see G.161. For material on the joint celebrations of the 100th anniversaries of the SFP and the Physical Society see H.768-H.780.



**Societies and organisations, H.1-H.992**

4 folders.

Kurti was a member of Council of the SFP. He was elected an Honorary Member of the Society in 1974.

**H.936-H.944**

**SOCIETY FOR ANGLO-CHINESE UNDERSTANDING**

**1965-1967**

Correspondence *re* early history of the society, papers for meetings,

The Society for Anglo-Chinese Understanding (SACU) was founded in May 1965. Joseph Needham was its first Chairman. Kurti was a founding sponsor and served on the Council of Management and as joint-treasurer 1965-1967. He resigned as a sponsor and then as a member in 1967 in response to the growing politicisation of the Society and its role as an apologist for the regime.

See also J.102.

H.936

1965

Correspondence, chiefly with Sir Gordon Sutherland and Hugh Trevor-Roper, *re* role of Committee of Management, position of treasurer and pro-regime stance of the Society.

H.937

January-April 1966

H.938

May-June 1966

H.939

July-August 1966

Includes Kurti's expression of concern at the finances of the Society.

H.940

September-November 1966

**Societies and organisations, H.1-H.992**

H.941	January-July 1967  Includes Kurti's letter of resignation as sponsor.	
H.942	August-October 1967  Includes Kurti's letter of resignation from the Society.	
H.943	Issues of <i>SACU News</i>	1965-1967
H.944	Miscellaneous undated and background material	N.d.
<b>H.945-H.954</b>	<b>UNITED KINGDOM ATOMIC ENERGY AUTHORITY</b>  Kurti served as a consultant for the UKAEA in various capacities from 1958.	<b>1943-1995</b>
H.945-H.950	'U.K.A.E.A. Harwell'  Contents of Kurti's folder so labelled.	1943-1995
H.945	Wartime 'Tube Alloys' reports by A.S.D. Barrett  'The testing and design of vacuum containing equipment for tube alloys. Part One Section One', 17 September 1943, and 'A review of T.A. vacuum testing technique', 29 December 1944.  These reports may have been used by Kurti in later work for UKAEA.	1943, 1944
H.946	1953-1960  Includes minutes of meeting to discuss possible uses of semi-permeable membranes, 5 January 1953; letter to H. Kronberger on low temperature measurements of physical properties of uranium, 27 May 1959; correspondence 1960 re production of helium.	

**Societies and organisations, H.1-H.992**

- |             |   |            |
|-------------|---|------------|
| H.947       | 1961  |            |
|             | Includes minutes of meeting of Helium Subcommittee, 18 May 1961.  |            |
| H.948       | 1962  |            |
|             | Includes correspondence <i>re</i> visit of Kurti and D.H. Parkinson to UKAEA Capenhurst Works, Cheshire, 11 April.  |            |
| H.949       | 1963-1967   |            |
|             | Includes letter to Sir William Penney <i>re</i> visit to Capenhurst Works, December 1962; correspondence <i>re</i> declassification of reports.                 |            |
| H.950       | 1983, 1986, 1995  |            |
|             | Includes lists of archival material from UKAEA Records, 1995.   |            |
| H.951-H.954 | 'HTFS' and 'Hydrogen energy'  | 1960-1980  |
|             | Contents of Kurti's folder so inscribed.  |            |
|             | HTFS stood for the Heat Transfer and Fluid Flow Service at the Atomic Energy Research Establishment, Harwell. Kurti was a consultant for the service from 1978. |            |
| H.951       | Meetings on 'Hydrogen as a Fuel'  | 1974, 1975 |
|             | These were held on 23 November 1974, 8 February 1975 and 16 May 1975. Includes Kurti's report on the second meeting.  |            |
| H.952       | Correspondence and papers   | 1978       |
|             | Includes Kurti's notes on work of M. Ruheman of Petrocarbon Developments, including meeting with him 19 October 1978.   |            |

**Societies and organisations, H.1-H.992**

H.953 Correspondence and papers 1979-1980

Includes papers of HTFS Cryogenics Heat Transfer Equipment Review Panel, 5 July 1979, with Kurti's 'Some remarks about energy economics in gas separation'.

H.954 Printed and photocopied background material 1960-1976

**H.955 VOLUNTEERS FOR IONISING RADIATION 1986-1990**

Correspondence and papers.

This body was established at the suggestion of Sir Frederick Warner in 1986. He suggested the establishment of a voluntary organisation of engineers and scientists over the age of 65 willing to risk radiation in order to make initial damage assessments in the event of a nuclear accident. He subsequently wrote to members of the Fellowship of Engineering and Royal Society inviting them to participate in the scheme and met with a positive response, including Kurti. Although the idea did not meet with approval in all circles, the VIR were incorporated into the emergency provisions of the Order of St John.

**H.956-H.992 WORKING PARTY ON CRYOGENIC TERMINOLOGY 1966-1992**

This material brings together Kurti's involvement in a range of projects concerned with scientific terminology, particularly to do with low temperatures. In 1969, following a meeting organised by Kurti on 5 May, a working group was established under the auspices of the French Comité d'Étude des Termes Techniques Français. This met again in 1970 and prepared proposals on low temperature terminology. It circulated these in early 1971 and agreed to issue a glossary of terms under the auspices of the Institut International du Froid (see H.458-H.481).

H.956-H.967 'Terminology General Correspondence' 1966-1974

Contents of Kurti's folder so labelled.



**Societies and organisations, H.1-H.992**

- H.956                      1966-1967
- Chiefly general correspondence *re* confusion in scientific terminology. Includes correspondence from Kurti *re* possible joint Royal Society/British Academy committee.
- H.957                      1968
- Includes minutes of meeting of Comité d'Étude des Termes Techniques Français, 24 April, at which Kurti was present; Kurti's criticisms of various uses of the word 'cryogenic'.
- H.958                      January-April 1969
- Includes correspondence *re* and agenda of meeting on cryogenic terminology, Paris, 5 May.
- H.959                      May-September 1969
- Includes reports (in French and English) of meeting on cryogenic terminology, 5 May, and arrangements for the establishment of a working group on cryogenic terminology and further meeting in November/December.
- H.960                      October-December 1969
- Includes arrangements for meeting of working group on cryogenic terminology and report (in French), 9 December.
- H.961                      January-March 1970
- Includes US Department of Commerce Cryogenic Data Center 'Terminology for Cryogenics', responding to proposals of meeting of 9 December 1969.
- H.962                      April-September 1970
- Includes assessment of proposals on cryogenic terminology by N.A. Olien, US Cryogenic Data Center, and report of 'La terminologie dans le domaine des basses températures' by P. Akar, June 1970.

**Societies and organisations, H.1-H.992**

- H.963                      October-December 1970
- Includes arrangements for meeting of working group on cryogenic terminology, 26 October, and 'Recommendations on low temperature terminology' for editors of journals 'wholly or partly devoted to low temperatures'.
- H.964                      January-April 1971
- Includes responses from editors to 'Recommendations on low temperature terminology'; note by Kurti on 'Scientific terminology', reporting to the Royal Society and British Academy on the progress of the working group; notes of meeting between Kurti, P. Agron and R. Thevenot, 18 March, *re* best method to issue the conclusions of the working party.
- H.965                      May-December 1971
- Includes article listing French cryogenic terminology by P. Akar, *Revue Générale du Froid*, June 1971, correspondence *re* progress in preparing general glossary.
- H.966                      1972
- H.967                      1973-1974
- H.968-H.971              'Terminology Administration (a) correspondence'                      1969-1970
- Contents of Kurti's folder so labelled.
- H.968                      January-March 1969
- Chiefly arrangements for meeting, Paris, France, 5 May.
- H.969                      April-December 1969
- Chiefly correspondence and papers *re* meetings of working group, 5 May and 9 December.

### Societies and organisations, H.1-H.992

H.970	January-March 1970	
	Includes 'Recommendations on the use of Supercooled and Subcooled' by W.E. Gifford and 'Draft terminology in superconductivity and cryoconductivity' by B.B. Goodman, compiled at the request of the 9 December meeting.	
H.971	April-November 1970	
	Includes papers for meeting of working group, Paris, France, 26 October.	
H.972-H.975	'Terminology Glossary'	1969-1973
	Contents of Kurti's folder so inscribed.	
H.972	Correspondence and papers	1969-1970
	Includes extracts from scientific journals recording proposals of working group, 9 December 1969; 'Presentation for N. Kurti, April 21 1970' on proposals of working group and of US Cryogenic Data Center.	
H.973	Correspondence, chiefly with R. Thévenot <i>re</i> list of terms for glossary	1972
H.974	Part of draft of <i>Dictionnaire International du Froid</i> (2nd edition), with lists of terms, May	1972
H.975	Correspondence and papers	1973
H.976	Miscellaneous and papers correspondence on low temperature terminology etc	1973-1992
	Includes correspondence <i>re</i> use of term 'ultralow temperatures'.	
H.977-H.983	Meetings of the Comité d'Étude des Termes Techniques Français	1983-1985

/...



**Societies and organisations, H.1-H.992**

/... Chiefly agenda and minutes of meetings. Includes meeting held at the Maison Française, Oxford, 28-29 March 1983 (H.978) at which Kurti was present.

7 folders.

H.984-H.992

Printed background material

1957-1983

Found in three folders, one inscribed 'Terminology Misc. pamphlets'.

H.984, H.985

1950s

2 folders.

H.986, H.987

1960s

2 folders.

H.988-H.990

1970s

3 folders.

At H.988 is copy of *Termes techniques français* (Hermann, Paris, 1972), with typescript and copy of Kurti's book review in *New Scientist*, 1 February 1973.

H.991, H.992

1980s

2 folders.



NATIONAL CATALOGUING UNIT

FOR THE ARCHIVES OF

CONTEMPORARY SCIENTISTS

Catalogue of the papers and correspondence of

**Nicholas Kurti, FRS (1908-1998)**

**VOLUME 3**

Section J: Correspondence

Section K: Non-Textual material



By Anna-K. Mayer, Peter Harper and Timothy E. Powell  
NCUACS catalogue no. 165/8/08

<b>SECTION J</b>	<b>CORRESPONDENCE, J.1-J.1310</b>	<b>1942-1998</b>
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J.1-J.41	'1950s'
J.42-J.46	'1956-PRE-US'
J.47-J.414	ALPHABETICAL SERIES
J.415-J.716	CHRONOLOGICAL SERIES
J.717-J.1036	PERSONAL CORRESPONDENCE
J.1037-J.1190	MISCELLANEOUS SCIENTIFIC AND PERSONAL CORRESPONDENCE
J.1191-J.1310	REFERENCES AND RECOMMENDATIONS

<b>J.1-J.41</b>	<b>'1950s'</b>	<b>1942-1955</b>
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Contents of a folder so inscribed. In alphabetical order.

<b>J.1, J.2</b>	<b>Air Ministry-Avery and Co.</b>	<b>1948-1954</b>
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Includes correspondence with D.N. de G. Allen *re* heat conduction, and with H.S. Arms *re* superconductivity.

2 folders.

Allen was an applied mathematician. At the time, Arms worked out of the Development Laboratory of the Ministry of Supply facilities at Capenhurst.

<b>J.3</b>	<b>Bell Telephone Laboratories-Bunemann</b>	<b>1946-1954</b>
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Includes correspondence with K.K. Darrow *re* adiabatic magnetisation, and with W. Boas *re* his visit to the Clarendon Laboratory, Oxford,

**Correspondence, J.1-J.1310**

J.4, J.5	Capenhurst-Customs and Excise	1946-1955
	<p>J.4 contains mainly arrangements <i>re</i> the 'Atomic Dinner' at Capenhurst in May 1954. J.5 includes correspondence with Sir James Chadwick <i>re</i> possible appointments at Imperial College, London.</p> <p>2 folders.</p>	
J.6	David Davies Memorial Institute-Duyckaerts	1945-1954
	<p>Includes correspondence with P.A.M. Dirac <i>re</i> his jet isotope separation method.</p> <p>Dirac's work on isotope separation through centrifuge science dated back to the early 1940s.</p>	
J.7, J.8	W. Edwards and Co (London) Ltd	1949-1954
	<p>Includes correspondence <i>re</i> the new helium liquifier developed at the Clarendon Laboratory and W. Edwards and Co's potential interest in manufacturing it. Also includes correspondence <i>re</i> Oxford graduates who might be suitable for work as patent agents.</p> <p>2 folders.</p> <p>W. Edwards and Co. produced high vacuum equipment.</p>	
J.9	Fairbank-Freyman	1946-1953
	<p>Includes correspondence <i>re</i> the helium liquifier, etc. Also includes correspondence with the Delegacy for Extra-Mural Studies of the University of Oxford <i>re</i> Kurti's contribution to their course on 'Recent Developments in Science'.</p>	
J.10	Halban-Hubert Jones Ltd	1950-1954
	<p>Includes correspondence with J.H. Hildebrand of the University of California, Berkeley, <i>re</i> a visit of K.S. Pitzer to the UK.</p> <p>K.S. Pitzer was a physical chemist.</p>	



**Correspondence, J.1-J.1310**

J.11-J.15	Harwell Library	1946-1954
	<p>Correspondence with research and library staff at the Atomic Energy Research Establishment (AERE) at Harwell, Berkshire. Correspondence with research staff includes exchanges <i>re</i> the possible use of membranes for the filtering of viruses, neutron diffraction scattering, the model of the gaseous diffusion plant which Kurti made for the 'Atom Train' exhibition and a misleading press announcement about 'lowest ever' temperatures reached in the Clarendon Laboratory.</p> <p>5 folders.</p> <p>The 'Atom Train' exhibition was a touring exhibition that had been organised in 1947. Consisting of two railway carriages filled with exhibits and demonstration experiments, it aimed to educate the public about nuclear energy and its risks.</p>	
J.16	IMPAG Ltd-Institution of Mechanical Engineers	1945-1954
	<p>Includes an extended exchange with staff at Imperial Chemical Industries (ICI) Ltd, among others on the effects of bending on membrane porosity.</p>	
J.17	Jackson- <i>Journal de Physique et le Radium</i>	1946-1954
	<p>Includes correspondence with L.C. Jackson <i>re</i> compressors, storage of liquid oxygen, gas separation etc.</p>	
J.18	Kaldor-Koller	1947-1954
	<p>Includes extended exchanges with fellow physicists, e.g. with C.F. Kearton <i>re</i> 'Monofil' materials, with C. Kittel on a variety of subjects and with D. de Klerk on low-temperature physics.</p>	
J.19	Lang-Luyet	1947-1954
	<p>Includes an extended exchange with H.R. Lang <i>re</i> a paper submitted by R.P. Hudson to the <i>Journal of Scientific Instruments</i>. Also includes correspondence <i>re</i> Kurti giving presentations on low temperature physics to the Odling Society and the Maxwell Society.</p> <p>The Odling Society was an undergraduate science society</p>	



**Correspondence, J.1-J.1310**

at Worcester College, Oxford. The Maxwell Society, another undergraduate society, was based at King's College, London.

- |   |                                 |           |
|---|---------------------------------|-----------|
| J.20, J.21  | Mather-Murray                   | 1945-1954 |
| <p>Includes correspondence with the Rumanian emigré spectroscopist R. Mavrodineanu and with the physical chemist S. Miles, with whom Kurti worked on the separation of uranium isotopes in 1942-1943. Also includes correspondence with Monsanto Chemicals Ltd <i>re</i> heat exchanger tubes. J.21 contains an extended exchange with E. Mendoza, 1950-1954, chiefly <i>re</i> low temperature research.</p> <p>2 folders.</p> |                                 |           |
| J.22  | Nabarro-Oxford University Press | 1948-1953 |
| <p>Includes correspondence with the future Nobel laureate L. Néel. Also includes correspondence with M. Nelkon, the head of the science department of a London grammar school, <i>re</i> low temperature research at the Clarendon Laboratory. Further includes correspondence with the Oak Ridge Institute of Nuclear Studies <i>re</i> the Atomic Train exhibition (see also J.13).</p>                                       |                                 |           |
| J.23  | Philips-Pryce                   | 1950-1954 |
| J.24  | Randle-Runcorn                  | 1945-1955 |
| <p>Includes correspondence on low temperature research with L.D. Roberts of the Oak Ridge National Laboratory, Tennessee, USA. Also includes correspondence with Joseph Rotblat <i>re</i> a model demonstrating the principle of isotope separation which Kurti had built for the Atom Train exhibition (see also J.13, J.22).</p>  |                                 |           |
| J.25-J.27   | Salpeter-Swain                  | 1945-1954 |
| <p>Includes letters to F.E. Simon, summarising incoming mail and news while Simon was abroad; one of the news items concerned E.N. da C. Andrade's court case against the Royal Institution. Also includes an exchange with staff at Metropolitan-Vickers Electrical Company Ltd <i>re</i> generators,</p>  |                                 |           |

**Correspondence, J.1-J.1310**

correspondence with J.E. Spence *re* plans for a liquid hydrogen plant at the University of Liverpool, and with the Oxford University Scientific Club *re* talks by Kurti.

3 folders.

J.28                      Tarbell-Tsai                      1946-1955

Includes correspondence with B. Tsai of the Laboratoire du Grand Électro-Aimant, Bellevue near Paris, France, *re* the magnetic coil ordered for the new generator at the Clarendon Laboratory.

J.29, J.30              Tickford Ltd                      1951-1954

Correspondence *re* the design of electro magnets at the Clarendon Laboratory, to be produced by Tickford Ltd. Includes a monochrome photograph of the microstructure of an electro-magnet casting and a photographic reproduction of a test report on a 'Prototype Electromagnet with Nodular Cast Iron Yokes'.

2 folders.

J.31                      Ubbelohde-United Kingdom Scientific Mission              1947-1954

Includes correspondence with A.R.J. Ubbelohde *re* magnets in the Clarendon Laboratory and with the United Kingdom Scientific Mission (Washington DC) *re* clearance procedures for visits to US facilities.

J.32                      University of Oxford, Appointments Committee              1954

Includes a memorandum *re* the Metal Box Company Ltd.

J.33-J.37              University of Oxford, Registry              1942-1954,  
n.d.

Includes correspondence *re* possible examiners for students engaged in research on the Tube Alloys project. J.33 covers 1942-1947, J.34 1948-1952, J.35 1953, J.36 1954 and undated, including correspondence *re* the 'Chairman-Principal feud' at the College of Aeronautics, Cranfield, Bedfordshire.

5 folders.

**Correspondence, J.1-J.1310**

J.38	<i>Vacuum-Vodar</i>	1947-1953
<p>Includes correspondence with A. M. Vidal-Hall of the Scientific Department of the French Embassy in London <i>re</i> various aspects of Anglo-French scientific exchange, and with B. Vodar <i>re</i> the liquefaction of oxygen.</p> <p>Vodar was an ultra-high temperature physicist.</p>		
J.39, J.40	Wagstaffe-Wylie	1946-1954
<p>An extended exchange with L. Weil of the University of Grenoble, France, <i>re</i> the installation of pioneering equipment to produce liquid helium can be found at J.39. J.40 includes correspondence with W.A. Weyl on the behaviour of liquid helium below its <math>\lambda</math> point, with the Women's Engineering Society <i>re</i> a talk by Kurti to the Society, a visit to the Clarendon Laboratory, etc., and with Sir Francis Wylie <i>re</i> the whereabouts of the Einstein blackboard.</p> <p>Sir Francis Wylie was the Warden of Rhodes House in Oxford, where Einstein delivered a series of three lectures during 1931 (see also J.449).</p>		
J.41	Unidentified	1945-1953
<p>In chronological order.</p>		
J.42-J.46	<b>'1956 PRE-US'</b>	<b>1955-1957</b>
<p>Contents of a folder so inscribed. In alphabetical order.</p> <p>At the end of August 1956, Kurti left for the USA to spend the academic year 1956-1957 at the University of California, Berkeley.</p>		
J.42	Avery-Capenhurst	1955-1956
<p>Includes an exchange with staff at the R&amp;D branch of the United Kingdom Atomic Energy Authority, Capenhurst, Cheshire, chiefly <i>re</i> Kurti's contribution to a 'membrane textbook' - a textbook on some aspects of the Tube Alloys project.</p>		



**Correspondence, J.1-J.1310**

- |            |   |                     |
|------------|---|---------------------|
| J.43       | Chance Brothers Ltd-Daniels   | 1955-1957           |
|            | <p>Includes correspondence with and <i>re</i> the College of Aeronautics, Cranfield, and with J. Daniels <i>re</i> magnet cores.</p> <p>Kurti was a Governor of the College of Aeronautics, Cranfield, 1953-1969.</p>   |                     |
| J.44       | Deacock-Hutter  | 1955-1956           |
|            | <p>Includes correspondence with the Ministry of Fuel and Power <i>re</i> thermal insulation and the Dounreay Fast Reactor (DFR).</p> <p>A prototype fast reactor, the DFR was constructed 1954-1959.</p>  |                     |
| J.45       | Jackson-National Physical Laboratory  | 1956, 1957,<br>n.d. |
|            | <p>Includes correspondence with A.R. Meetham of the National Physical Laboratory (NPL) in Teddington, Middlesex, <i>re</i> the helium supply scheme.</p> <p>In 1955, the NPL started to supply liquid helium for research purposes.</p>   |                     |
| J.46       | <i>Nature</i> -Young  | 1955-1956           |
|            | <p>Includes correspondence with the editor of <i>Nature</i> <i>re</i> Kurti <i>et al</i> article on nuclear cooling (see E.1). Also includes correspondence with Plyglass Ltd <i>re</i> a report on window casements that Kurti prepared for a committee advising the University of Oxford, and correspondence <i>re</i> G.F.J. Temple's work on supersonic and hypersonic flows.</p> |                     |
| J.47-J.414 | <b>ALPHABETICAL SERIES</b>  | <b>1962-1977</b>    |
|            | <p>Chiefly outgoing correspondence.</p>   |                     |
| J.47-J.71  | 'Feb 62-Jan 63'   | 1962-1963           |



**Correspondence, J.1-J.1310**

Contents of a ring-binder so inscribed. Found arranged alphabetically by first letter of correspondent's name, and in reverse chronological order within each alphabetical sequence.

J.47

A

1962-1963

Includes correspondence with B.M. Abraham of the Argonne National Laboratory, Illinois, USA, and with V.J. Freestone of the Atomic Energy Research Establishment *re* the supply of UH3, an enriched uranium hybrid. Also includes correspondence with the philosopher A.J. Ayer *re* City College, New York, where Kurti planned to spend the Fall of 1963, with N. Arms *re* her book *A Prophet in Two Countries: The Life of F. E. Simon* (New York, 1966), and with A. Abragam *re* the possibilities of Abragam delivering lectures on spin resonance in semiconductors at Oxford during Michaelmas term 1962.

J.48, J.49

B

1962-1963

Includes correspondence with A.S.D. Barrett of Research and Control Instruments Ltd, with R. Beeching of the British Transport Commission, and with N. Booth of the British Oxygen Company Ltd *re* the newly created Cryogenic Equipment Panel of the Department of Scientific and Industrial Research. Also includes correspondence with Mullard Ltd *re* the design of a new magnet for the Clarendon Laboratory, and with B.W. Birmingham of the National Bureau of Standards in Boulder, Colorado, US, *re* the cost of liquid helium in the USA.

J.49 includes a transcript, c. May 1962, of a letter to N. Bohr, dated 8 August 1945.

2 folders.

The Cryogenic Equipment Panel was set up 'to look into the supply of cryogenic equipment, and in particular, liquid helium, with special reference to university laboratories'. It was chaired by Kurti. In 1962-1963, B. Bleaney spent a sabbatical at the University of Pittsburgh, Pennsylvania, USA.

J.50

C

1962-1963

Includes correspondence with the Pergamon Press *re* the suitability of W. Voigt's *Lehrbuch der Kristallphysik* (1910) for translation, with R.S. Cohen *re* new activities in low temperature physics and history of science at Boston

**Correspondence, J.1-J.1310**

University, and with N. Calder of the *New Scientist* re tests on the superconducting solenoid at the Clarendon Laboratory. Also includes correspondence on liquid helium with R.G. Chambers of the University of Bristol and with the Cryogenic Products Department of the Linde Co, Division of Union Carbide, USA. Further includes correspondence re the *BIS Journal* (the journal of the British Interplanetary Society).

J.51, J.52

D

1962-1963

Chiefly correspondence with M.O. Morris at the DSIR re the Cryogenic Equipment Panel. Also includes correspondence with P. Daly of the BBC re the use of 'Absolute Zero', a programme featuring Kurti, for lecturing and teaching purposes (see K.86-K.91).

2 folders.

J.53

E

1962

Includes correspondence with Edwards High Vacuum Ltd re a rotary pump that Kurti was hoping to borrow for a lecture on low temperature experimentation at the Royal Institution.

J.54

F

1962-1963

Includes correspondence with V.J. Freestone of AERE re enriched uranium, and with H. Fluchère re the impending visit to Oxford of A. Abragam. Also includes communications with J.S. Forrest at the Central Electricity Research Laboratories (CERL), including Kurti's list of subjects of special interest to members of the Research Council.

H. Fluchère was the first director of the Maison Française in Oxford.

J.55

G

1962-1963

Includes correspondence with G.R.H. Geoghegan at the UKAEA facilities at Capenhurst, Cheshire re the proposed High Magnetic Field Laboratory (HMFL), with M.M. Gowing re the second instalment of her history of the Tube Alloys project, and with J.B. Gardner of BOC's R&D department re the establishment of the DSIR's new Cryogenic



**Correspondence, J.1-J.1310**

Equipment Panel.

For the story of the HMFL project, see H.297-H.341.

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|---|------|-----------|
| J.56  | H    | 1962-1963 |
| <p>Includes correspondence with K. Hoselitz of the Solid State Physics Division of the Mullard Research Laboratories, Redhill, Surrey, <i>re</i> the cost of producing liquid helium with the ADL helium liquefier. Also includes correspondence with R.P. Hudson and with J.K. Hulm of the Westinghouse Research Laboratories, Pennsylvania, USA, <i>re</i> Pergamon Press's unauthorized use of National Bureau of Standards (NBS) data (see also E.432), and correspondence with Sir Noel Hall, Principal of Brasenose College, <i>re</i> the disputed authorship of J. Graunt's <i>Natural and Political Observations</i> (1662), etc.</p>  |      |           |
| J.57  | I, J | 1962-1963 |
| <p>Includes correspondence with V.F. Johnson of the NBS <i>re</i> Pergamon Press's unauthorized use of NBS data (see also E.432, J.56).</p>   |      |           |
| J.58  | K    | 1962      |
| <p>Includes correspondence with R. King of the Royal Institution <i>re</i> arrangements concerning Kurti's demonstrations at the RI 'Research Day'. Also includes correspondence with R. Kubo of the University of Tokyo <i>re</i> the properties of small particles.</p>   |      |           |
| J.59  | L    | 1962-1963 |
| <p>Includes correspondence with J. de Launay of the Office of Naval Research <i>re</i> samples of powdered gold alloys, with H.R. Lang of the Joint British Committee for Vacuum Science and Technology (JBCVST) <i>re</i> a meeting on cryopumping, with Sir Kenneth Wheare <i>re</i> potential collaborations in the field of physics between the University of Oxford and Culham Laboratories and with W.M. Lomer of the UKAEA <i>re</i> enriched uranium hybrids at the Argonne National Laboratory.</p> <p>The JBCVST, later the British Vacuum Council, was established in 1959 to co-ordinate meetings and similar activities of members interested in vacuum. It was also the</p> |      |           |

**Correspondence, J.1-J.1310**

official channel through which vacuum workers in the UK could collaborate with their colleagues overseas.

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|--|---|-----------|
| J.60   | M | 1962-1963 |
| <p>Includes correspondence with I.R. Maxwell <i>re</i> Kurti's editorship of Pergamon Press's Solid State Monograph series, <i>re</i> Kurti's planned visit to Australia in July/August 1964, with A. G. Monroe of the British Oxygen Company <i>re</i> liquid helium, and with the Presidency of the People's Republic of Hungary <i>re</i> Kurti's citizenship status</p>  |   |           |
| J.61   | N | 1962-1963 |
| <p>Includes letters to the BOC <i>re</i> BOC liquid helium supplies, and to K.E. Nicholds of the Hymatic Engineering Co Ltd <i>re</i> an instructional air liquefier, etc.</p>   |   |           |
| J.62   | O | 1962      |
| <p>Includes correspondence with the Danish low temperature physicist J.L. Olsen.</p>   |   |           |
| J.63   | P | 1962-1963 |
| <p>Includes correspondence <i>re</i> the HMFL Project, and the HMF Conference to be held in Oxford in July 1963.</p>   |   |           |
| J.64, J.65   | R | 1962-1963 |
| <p>Includes correspondence with R.G. Rhodes of British Insulated Callender's Cables (BICC) <i>re</i> the insulation of underground cables, etc., and with staff at the Nuclear Research Centre of C.A. Parsons and Co, Newcastle upon Tyne, <i>re</i> the first all-British superconducting high field solenoid, etc. Also includes correspondence with staff at the UKAEA, for which Kurti acted as a consultant; with L.D. Roberts of the Oak Ridge National Laboratory, Tennessee, USA, <i>re</i> recent repeats of experiments by B.N. Samoilov on Au 198; with colleagues in Switzerland and France, <i>re</i> lectures by Kurti, e.g. with G. Ribaud <i>re</i> a presentation by Kurti on 'Le noyau atomique en cryophysique'.</p> <p>2 folders.</p> |   |           |



**Correspondence, J.1-J.1310**

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|---|------|-----------|
| J.66  | S    | 1962-1963 |
| <p>Includes correspondence with the cryogenic engineer H. Sixsmith, whom Kurti hoped to recruit for the Clarendon Laboratory; with Sir Gordon Sutherland <i>re</i> divining instruments, the question of whether Oxford physicists with college fellowships left to take up appointments abroad, etc; and with the Reactor Research Division of AERE <i>re</i> irradiation experiments at liquid helium temperatures with thermal neutrons.</p>                         |      |           |
| <br>  |      |           |
| J.67  | T    | 1962-1963 |
| <p>Includes correspondence with R. Thévenot, Director of the International Institute of Refrigeration/Institut International du Froid (IIR-IIF), with P.A.I. Tahourdin of the British Council <i>re</i> international contacts of science, with K.D. Timmerhaus <i>re</i> the 1963 Cryogenic Engineering Conference in Boulder, Colorado, USA, and with Ferranti Ltd <i>re</i> work experience placements for Oxford physics students.</p>                              |      |           |
| <br>  |      |           |
| J.68  | U, V | 1962-1963 |
| <p>Includes correspondence with F.A. Vick discussing various types of liquid helium machines, with R.W. Vance of the Aerospace Corporation in Los Angeles, USA, <i>re</i> Kurti's visit on the occasion of the 1962 Cryogenic Engineering Conference in Los Angeles, and with A. Abragam and the publishing house Gauthier-Villars Éditeurs <i>re</i> the unity of physics.</p> <p>Vick was the director of AERE. He chaired the working party on the HMFL Project.</p> |      |           |
| <br>  |      |           |
| J.69  | W    | 1962      |
| <p>Includes correspondence with L. Weil of the University of Grenoble, <i>re</i> experiments at Grenoble on heat transfer in nuclear boiling, etc. Also includes correspondence with V.F. Weisskopf, then Director-General of CERN.</p>   |      |           |
| <br>  |      |           |
| J.70  | X-Z  | 1962-1963 |
| <p>Correspondence with M.W. Zemansky <i>re</i> the cryogenic equipment required for Kurti's proposed Low Temperature</p>  |      |           |

**Correspondence, J.1-J.1310**

Research project at City College New York, and with M. Zvegintzov of the NRDC *re* liquid helium machines, D.W. Holder's DSIR application for cryogenic work, the Fritz London Award Committee, the history of low-temperature work, etc.

J.71                      Miscellaneous                      1962x1963

Typescript drafts of notices, notes, reports, etc. In original order.

J.72-J.101              'Feb 63-Mar 65'                      1963-1965

Contents of a ring binder so inscribed. Found arranged alphabetically by first letter of correspondent's name, and in reverse chronological order within each alphabetical sequence.

J.72                      A    1963-1965

Includes correspondence with E. Ambler, whom Kurti hoped to recruit as director of the proposed HMFL to be built near Oxford, and with W.P. Allis, scientific advisor to NATO, whom Kurti hoped to brief on the project. Also includes correspondence with N.P. Allen of the NPL *re* A.H. Cooke and M.F. Wood's application for funding towards the design and construction of large size superconducting solenoids, and with B.M. Abraham of the Argonne National Laboratory *re* the purity of enriched plutonium.

J.73, J.74              B    1963-1965

Includes correspondence with P.M.S. Blackett *re* cryogenic equipment on the embargo list for the Soviet Union and China. Also includes Kurti's report on his visit to the USA, 12 August-4 September 1962 (see G.24-G.27), and a long letter to B. Bleaney, dated 2 March 1963, *re* Lord Hailsham's recent speech in the House of Lords' debate on science policy.

2 folders.

At the time, Bleaney was still on his sabbatical at the University of Pittsburgh, USA. In his speech to the House of Lords, Lord Hailsham introduced the notion of the 'brain drain'. This and other aspects of the speech prompted Kurti and his colleagues in the Clarendon Laboratory to send a

**Correspondence, J.1-J.1310**

letter to *The Times* (see E.245).

J.75, J.76

C

1963-1965

Includes correspondence with L. Couture *re* her impending research visit to Oxford, and with Sir Harold Caccia *re* the Cryogenic Equipment Panel and the export embargo concerning cryogenic equipment. Also includes correspondence with N. Calder of the *New Scientist*, with A.H. Cooke *re* the planned HMFL and with A.J. Croft *re* the High Tension Room of the Clarendon Laboratory.

2 folders.

L. Couture was a solid state spectroscopist.

J.77, J.78

D

1963-1965

Includes correspondence with various officials at the DSIR *re* 'Osborne's proposed Cryogenic Engineering course', *re* the embargo list for cryogenic equipment (copy at J.77), *re* the proposed HMFL and candidates for the position of director, and *re* a number of individual grant applications to the DSIR. Further includes correspondence with Sir Frederick Dainton *re* the entry of Oxford and Cambridge into the Universities Central Council on Admissions scheme.

2 folders.

The cryogenic engineering course in question clashed with plans to create a new graduate course on low temperature physics and technology at the Clarendon Laboratory.

J.79

E

1963-1964

Includes correspondence with Kurti's Oxford colleague D. Edmonds *re* the Eurovision film 'Cold' (see K.96-K.99), and with R. Edmonds of the DSIR regarding the IIR-IIF.

J.80

F

1963-1965

Includes correspondence *re* a request from the Forrestal Research Center, Princeton, USA, for a copy of Br. 694, a report by P.A.I. Tahourdin on the Dirac jet separation method. Also includes correspondence with D. Fishlock of the *New Scientist* *re* a recent leading article on high field



**Correspondence, J.1-J.1310**

solenoids, etc.

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|---|------|-----------|
| J.81  | G    | 1963-1965 |
| <p>Includes correspondence with M.M. Gowing <i>re</i> Bohr's meeting with Churchill, identification of Lindemann photographs, etc. Also includes correspondence with A.F. Gibson <i>re</i> reasons for basing the proposed HMFL on superconducting solenoids.</p>   |      |           |
| J.82, J.83  | H    | 1963-1965 |
| <p>Includes correspondence with W. Haberditzl <i>re</i> the importance of inhomogeneous magnetic fields and <i>re</i> H.L.F. von Helmholtz's impressions of Oxford in 1863. Also includes correspondence with the widow of L. Hatvany <i>re</i> the re-publication of his <i>Die Wissenschaft des nicht Wissenswerten</i> (1908) (see also E.81-E.90). Further includes correspondence with Sir Noel Hall <i>re</i> the future heating system of Brasenose College.</p> <p>2 folders.</p> <p>Haberditzl was an Austrian chemist. See also J.112, J.113.</p> |      |           |
| J.84  | I, J | 1963-1965 |
| <p>Includes correspondence with R.V. Jones <i>re</i> N. Bohr's meeting with Churchill, Operation Epsilon, the history of low temperature experiments at the New Clarendon Laboratory, Oxford, etc.</p> <p>Operation Epsilon was the code name for a project involving the secret recording of conversations between 10 German scientists who were interned at Farm Hall from July 1945 to January 1946.</p>   |      |           |
| J.85  | K    | 1963-1965 |
| <p>Includes correspondence with C. Kittel <i>re</i> the creation of a National Academy of Engineering in the USA, and with the historian T.S. Kuhn <i>re</i> his forthcoming visit to Oxford and the papers of J.S.E. Townsend and F.A. Lindemann.</p> <p>Kittel was professor of physics at the University of California, Berkeley. At the time, Kuhn directed 'Sources</p>  |      |           |



**Correspondence, J.1-J.1310**

for History of Quantum Physics'. Financed by the National Science Foundation, the project's assigned goal was to find and preserve primary source materials for study of the history of quantum physics.

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| J.86   | L    | 1963-1965 |
| <p>Includes correspondence with W.M. Lomer <i>re</i> shared research interests, with Sir Ben Lockspeiser <i>re</i> photographs of superconducting magnets, and with P.A. Lingard of the Central Electricity Generating Board <i>re</i> electrical storage heating. Also includes correspondence <i>re</i> alterations to the Lindemann Building.</p> <p>Lomer was a solid state physicist who worked for the AERE.</p> |      |           |
| J.87, J.88   | M    | 1963-1965 |
| <p>Includes correspondence with B.T. Matthias <i>re</i> the <math>\gamma</math>-ray anisotropy of ScIn, with I.R. Maxwell <i>re</i> the life of L. Hatvany, with H. Mendelssohn <i>re</i> his plans to create a nature reserve in the Negev desert, etc.</p> <p>2 folders.</p>   |      |           |
| J.89   | N    | 1963-1964 |
| <p>Includes correspondence with G.R. Noakes, editor of the magazine <i>Contemporary Physics</i>, with G. Pryor <i>re</i> her letter to the <i>New York Times</i> (Paris edition) on Lord Hailsham's contributions to the House of Lord's debate on 27 February 1963, and with BOC <i>re</i> liquid helium.</p>   |      |           |
| J.90   | O    | 1963-1965 |
| <p>Includes correspondence with J.L. Olsen <i>re</i> cryogenic meetings in Switzerland and the USA, and with D.W. Osborne of the Argonne National Laboratory <i>re</i> his forthcoming visit to Oxford.</p>  |      |           |
| J.91, J.92   | P, Q | 1963-1965 |
| <p>Includes correspondence with D.H. Parkinson of the Royal Radar Establishment, Malvern <i>re</i> the difficulty of wording</p>   |      |           |

**Correspondence, J.1-J.1310**

the British embargo list concerning cryogenic equipment in such a way that legitimate research equipment may be sent to 'iron curtain' countries. Also includes correspondence with M.H.L. Pryce *re* possible sites for the proposed national High Fields Laboratory and with Sir William Penney *re* the potential of H. Kronberger.

2 folders.

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|---|------|-----------|
| J.93  | R    | 1963-1965 |
| <p>Includes correspondence with E.H. Reynolds of BICC <i>re</i> proposed symposium on Extra High Voltage cables, with staff at the German Institute, London <i>re</i> the origins of the expression 'iron curtain', and with L. Rotherham of the Central Electricity Generating Board <i>re</i> research fellowships, etc.</p>  |      |           |
| J.94-J.96   | S    | 1963-1965 |
| <p>Includes correspondence with N.J. Stone <i>re</i> high power cables, internally oil cooled cables, etc., with H. Sixsmith <i>re</i> his potential relocation from the National Bureau of Standards, Boulder, Colorado, USA, to Oxford, and <i>re</i> BOC's ability to build a turbo-expansive helium liquefier, etc.</p> <p>3 folders.</p> <p>Sixsmith relocated to the Department of Engineering Science in Oxford in 1963.</p>   |      |           |
| J.97  | T    | 1963-1965 |
| <p>Includes correspondence with the president of Trinity College, Oxford, <i>re</i> stronger links with the College of Aeronautics, Cranfield, and with the widow of Sir John Townsend <i>re</i> his personal papers and their potential relevance to the 'Sources for History of Quantum Physics' project directed by T.S. Kuhn. Also includes correspondence with J. Trueta of the Nuffield Orthopaedic Centre, Oxford, <i>re</i> the potential relevance of the planned HMFL for biology and medicine.</p> |      |           |
| J.98  | U, V | 1963-1965 |
| <p>Includes correspondence with J. Volger of the Philips</p>  |      |           |

**Correspondence, J.1-J.1310**

Research Laboratories in Eindhoven, Netherlands, *re* Volger's colloquium and superconducting generators. Also includes correspondence with the Vice-Chancellor of the University of Oxford, Sir Walter Oakeshott, *re* the Holford Report.

Sir William Holford's report on the 'Future requirements of the science departments' at the University of Oxford came out on 23 May 1963. It emphasised the need for a substantial strategic reserve of land to deal with the requirements for sites to respond to the 100.000 square meter of development it predicted.

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|-------------|--|-----------|
| J.99        | W  | 1963-1965 |
|             | Includes correspondence with R.I. Wolff of City College, New York (CCNY) <i>re</i> arrangements concerning Kurti's impending visit there.  |           |
|             | Kurti spent the autumn of 1963 as the Buell G. Gallagher Visiting Professor at City College.   |           |
| J.100       | X-Z  | 1963-1965 |
|             | Includes an original typescript of Kurti's review of M.M. Gowing, <i>Britain and Atomic Energy, 1939-1945</i> (1964) and correspondence with M.W. Zemansky of CCNY <i>re</i> experimental activities to inaugurate Kurti's visiting professorship etc. |           |
| J.101       | Miscellaneous  | 1963x1965 |
|             | Typescript notices, itineraries of Kurti's travels, lists of letters forwarded to him, progress reports on students, etc. In original order.   |           |
| J.102-J.127 | 'Apr 65-Mar 66'  |           |
|             | Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.  |           |
| J.102       | A  | 1965-1966 |
|             | Includes correspondence with J.B. Adams of the UKAEA <i>re</i> delays with the Ministry of Technology contract for the production of superconducting materials, with P. Agron <i>re</i>  |           |



**Correspondence, J.1-J.1310**

the activities of the 'Comité d'Étude des Termes Techniques Français', and with P. Akar of the Société Air Liquide, France *re* scientific nomenclature, the work of the Cryogenic Equipment Panel, etc. Also includes correspondence with the new Society for Anglo-Chinese Understanding (SACU), which Kurti joined in 1965 (see H.936-H.944), and with E. Ambler *re* the problem of how to rationalize the provision of liquid helium for low temperature and solid state research in the UK.

J.103-J.105

B

1965-1966

Includes correspondence with the Australian botanist H.N. Barber *re* acronyms, with American colleagues *re* liquid helium supply in the USA, with the World Federation of Hungarians *re* the malpractice of translating 'tudomány' as 'science', with B.V. Bowden *re* his speech on the occasion of the formal inauguration of the Mullard Cryomagnetic Laboratory, etc.

3 folders.

J.106, J.107

C

1965-1966

Includes correspondence with G. Chandra of the Tata Institute of Fundamental Research *re* the T-Tx correlation of chrome potassium alum, with P.F. Chester at the Central Electricity Research Laboratories *re* whether Kurti's role as a BICC consultant conflicted with his being responsible for the superconducting testing contract that the Ministry of Technology placed with the Clarendon Laboratory.

2 folders.

J.108

D

1965-1966

Includes correspondence with the editor of the *Observer* *re* terminological nonsense, and with the Board of Trade *re* the proposed amendments to the embargo list *re* cryogenic equipment and its export.

J.109

E

1965-1966

Includes correspondence with I.G. Edmunds, physicist at the Manchester College of Science and Technology, *re* his equipment grant application, and with D.O. Edwards of Ohio State University, USA, *re* liquid helium provisions in



**Correspondence, J.1-J.1310**

the USA.

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|---|------|-----------|
| J.110   | F    | 1965-1966 |
| Includes correspondence with Kurti's childhood friend A. Fabinyi.   |      |           |
| J.111   | G    | 1965-1966 |
| Includes correspondence with M.M. Gowing <i>re</i> R.V. Jones's account of the Bohr-Churchill meeting, with J.M. Gregory of Winchester College <i>re</i> arrangements for a talk by Kurti, etc.   |      |           |
| J.112, J.113  | H    | 1965-1966 |
| Includes correspondence with W. Haberditzl <i>re</i> the nineteenth century physicist H.L.F. von Helmholtz. Also includes correspondence with the American physicist T.C. Hardy <i>re</i> Hardy's low temperature physics group at CCNY.  |      |           |
| 2 folders.  |      |           |
| Haberditzl was an Austrian chemist, communist and science-historian who worked at the Humboldt University in Berlin. He shared Kurti's interest in von Helmholtz's relationship with Oxford physics. Kurti was well qualified to consult Hardy on his new project on magnetic structures of alloys by measuring the specific heat in a magnetic field as this was work of the type Kurti had done for his own D.Phil. thesis. |      |           |
| J.114   | I, J | 1965-1966 |
| Includes correspondence with the Science Research Council <i>re</i> the Report of the Cryogenic Engineering Panel meeting, with the editors of the <i>Electrical Times</i> <i>re</i> the newly opened Mullard Cryomagnetic Laboratory in Oxford and <i>re</i> differences between superconducting and normally conducting solenoids, and with R.V. Jones <i>re</i> the Bohr-Churchill meeting etc.                            |      |           |
| J.115   | K    | 1964-1965 |
| Includes correspondence with the US embassy in London   |      |           |

**Correspondence, J.1-J.1310**

*re* the situation in Vietnam, and with P.L. Kapitza *re* the international conference on low temperature physics (LT 10). Also includes correspondence with Sir Peter Kent of British Petroleum *re* the helium content of North Sea gas, and with the Hungarian artist and educator G. Kepes *re* his impending visit to the UK.

LT 10 took place in Moscow in 1966 under the aegis of the International Union of Pure and Applied Physics.

J.116	L	1965-1966
Includes correspondence with J.O. Linde of the Kungliga Tekniska Högskolan, Stockholm, Sweden <i>re</i> low temperature terminology, and with American colleagues <i>re</i> liquid helium supply in the USA.		
J.117, J.118	M	1965-1966
Includes letters to D.C. Martin at the Royal Society <i>re</i> topics such as bets made during an evening at Brasenose College, candidates for the James Alfred Ewing Medal, the fate of archives of British scientists, a proposed National Instrument Centre to expand the service of expensive equipment, etc. Also includes correspondence with M.O. Morris of the SRC <i>re</i> Kurti's concerns over liquid helium supply.		
2 folders.		
J.119	N	1965-1966
J.120	O	1965-1966
Includes correspondence with A.T. Oatley of Cannon Industries Ltd <i>re</i> the reluctance of various Gas and Electricity Boards to sell combined cookers. Also includes correspondence with R. Orbach of the University of California, Los Angeles, USA, <i>re</i> liquid helium supply.		
J.121	P, Q	1965-1966
Includes correspondence with R. Parker of the Portsmouth College of Technology <i>re</i> a presentation by Kurti on 'Atomic Nuclei: Hot and Cold', and with J.G. Powles of the		

**Correspondence, J.1-J.1310**

University of Canterbury, Kent *re* grants to buy research equipment (the topic of both their letters to *The Times*). Also includes correspondence with J.H. Price of the SRC *re* improved nuclear cooling techniques etc. and with J.M. Pye of the UKAEA *re* the Cherwell papers.

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|---|------|-----------|
| J.122   | R    | 1965-1966 |
| <p>Includes correspondence with T.J. Reed <i>re</i> the republication of L. Hatvany's <i>Die Wissenschaft des nicht Wissenswerten</i>. Also includes correspondence with E.H. Reynolds at BICC <i>re</i> the firm's potential interest in a development contract for superconducting materials from the Ministry of Technology.</p>           |      |           |
| J.123   | S    | 1965-1966 |
| <p>Includes correspondence with members of the von Siemens family <i>re</i> the Helmholtz papers.</p>   |      |           |
| J.124   | T    | 1965-1966 |
| <p>Includes letters to the editor of <i>The Times</i>, correspondence with Sir Harold Thompson <i>re</i> international exchange on high current superconductors, with H.R. Trevor-Roper <i>re</i> Society for Anglo-Chinese Understanding, etc.</p>   |      |           |
| J.125   | U, V | 1965-1966 |
| <p>Includes correspondence with the Vice-Chancellor of Oxford, <i>re</i> his role in the formal inauguration ceremony of the Mullard Cryomagnetic Laboratory, and with staff at the Organisation for Economic Co-operation and Development <i>re</i> research on the behaviour of matter in intensive magnetic fields.</p>                    |      |           |
| J.126   | W    | 1965-1966 |
| <p>Includes correspondence <i>re</i> an advertisement in <i>Physics Today</i> (October 1965), designed to entice British scientists to return to the UK (see also E.245). Also includes correspondence with American colleagues <i>re</i> the provision of liquid helium and <i>re</i> the relations between science and small companies.</p> |      |           |



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J.127	Z	1965-1966
J.128-J.152	'1 May 66-31 Mar 67'	1966-1967
	Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.	
J.128	A	1966-1967
	Includes correspondence with staff at the SRC <i>re</i> the HMFL Project and with N.P. Allen of the NPL <i>re</i> a superconductivity meeting organised by the Institution of Electrical Engineers (IEE). Also includes correspondence <i>re</i> Kurti's candidature for the Committee of the Society for Low Temperature Biology.	
J.129, J.130	B	1966-1967
	Includes correspondence <i>re</i> an IEE colloquium on energy storage, held on 23 May 1966, and with B. Bleaney <i>re</i> departmental implications of the Franks Report, etc.	
	2 folders.	
	The Franks Report was the report of a commission chaired by Sir Oliver Franks. Following the publication of the report in 1966, a number of changes were introduced into Oxford's system of governance.	
J.131	C	1966-1967
	Includes correspondence <i>re</i> a 16mm sound film on superconducting magnets which Kurti received through C. Laverick of the Argonne National Laboratory (see K.92, K.93). Also includes correspondence <i>re</i> conferences on superconductor technology etc.	
J.132	D	1966-1967
	Includes correspondence with R.L. Davies <i>re</i> samples.	
	Davies was the head of the Chemistry Department in the Central Research and Engineering Division of BICC.	



**Correspondence, J.1-J.1310**

- |  |      |           |
|--|------|-----------|
| J.133  | E    | 1966-1967 |
| <p>Includes correspondence with L.R.B. Elton <i>re</i> his equipment grant application and with the assistant editor of the <i>Sunday Telegraph</i> <i>re</i> a reporter's visit to the offices of the Society for Anglo-Chinese Understanding (SACU).</p>   |      |           |
| J.134  | F    | 1966-1967 |
| <p>Includes correspondence with staff at British Aircraft Corporation Ltd and Davy-Ashmore Ltd <i>re</i> a Royal Society discussion about Graduates in Industry, to be held at Brasenose College in March 1967. Also includes correspondence with H.M. Finniston of the International Research &amp; Development Company Ltd <i>re</i> whether the original HMF working party had sufficiently consulted potential industrial users, and correspondence with W.L. Francis of the SRC <i>re</i> university-industry collaboration, etc.</p> |      |           |
| J.135  | G    | 1966-1967 |
| <p>Includes correspondence with D. Gabor <i>re</i> his Cherwell-Simon Lecture, with G.R.H. Geoghegan <i>re</i> a recent report from the General Electric Research and Development Centre, with Sir Charles Goodeve <i>re</i> universities-industry relations, and with M.M. Gowing <i>re</i> the conditions for the handover of the 'Simon-Kurti Atomic Energy Papers' to the archives of the UKAEA, etc.</p> <p>Geoghegan was the Chief Technical Manager of the UKAEA.</p>   |      |           |
| J.136, J.137   | H    | 1966-1967 |
| <p>Includes correspondence with E.D. Haidemenakis <i>re</i> his proposed NATO summer school, with the Earl of Halsbury and Lord Hinton <i>re</i> 'the insistence with which the Colleges of Advanced Technology, having achieved university status wish to be called universities as well', etc. Also includes correspondence <i>re</i> SACU and its sources of donations.</p> <p>2 folders.</p>   |      |           |
| J.138  | I, J | 1966-1967 |
| <p>Includes correspondence with F.E. Jones, Director of</p>  |      |           |

Mullard Ltd, *re* the 'brain drain', its different manifestations in other European countries, and the relations between pure science and technology, with the physicist G.O. Jones *re* the properties of water, and with Sir Henry Jones of the Gas Council *re* the production and storage of liquid hydrogen as a joint venture by the Gas Council and the Ministry of Aviation.

J.139	K	1966-1967
	Includes correspondence with Sir Frank Kearton <i>re</i> SACU.	
J.140	L	1966-1967
	Includes correspondence with staff at the Department of Education and Science <i>re</i> E.D. Haidemenakis's proposed NATO summer school. Also includes a letter congratulating Sir Bernard Lovell on his recent article on space research in <i>The Times</i> .	
J.141, J.142	M	1966-1967
	2 folders.	
J.143	N	1966-1967
	Includes correspondence with L. Néel (some in French) <i>re</i> his impending visit in March 1967, and with the editor of the <i>New Scientist</i> <i>re</i> K. Mendelssohn's <i>The Quest for Absolute Zero</i> (1966), etc.	
J.144	O	1966-1967
	Includes correspondence with J.L. Olsen <i>re</i> the organisation of a meeting on the technological aspects of new superconducting materials.	
J.145	P, Q	1966-1967
	Includes correspondence <i>re</i> meetings of the Society for Low Temperature Biology and <i>re</i> applications to the SRC. Also includes correspondence with A.B. Pippard <i>re</i> the Interim Report of the Swann Working Group.	

**Correspondence, J.1-J.1310**

Pippard was a member of the Working Group on Manpower Parameters for Scientific Growth, Committee on Manpower Resources for Science and Technology. Charged 'to discover whether there was any imbalance in the employment of qualified engineering, technological and scientific manpower', it was chaired by M.M. Swann. The interim report of the Swann Working Group was presented to Parliament in October 1966.

- |   |      |           |
|---|------|-----------|
| J.146   | R    | 1966-1967 |
| <p>Includes correspondence with the solid state physicist W.A. Runciman <i>re</i> the HMFL Project, and with the President of the Hungarian Academy of Sciences <i>re</i> the re-publication of L. Hatvany's <i>Die Wissenschaft des nicht Wissenswerten</i>.</p>   |      |           |
| J.147, J.148  | S    | 1966-1967 |
| <p>J.147 includes correspondence with the German physicist E.J. Saur <i>re</i> a meeting on European plans for superconducting materials, with R.G. Scurlock (University of Southampton) regarding his new graduate course on 'Cryogenics and its Applications', etc., and with R.J. Seeger of the American National Science Foundation <i>re</i> N. Arms's biography of F.E. Simon. J.148 includes correspondence with the pioneering cryobiologist A.U. Smith <i>re</i> low temperature applications in biology, etc.</p> <p>2 folders.</p> |      |           |
| J.149   | T    | 1966-1967 |
| <p>Includes correspondence with Sir Harold Thompson, the Foreign Secretary of the Royal Society, <i>re</i> the SRC's expenditure on foreign travel, etc. Also includes letters to the editor of <i>The Times</i>, and to H. Trevor-Roper <i>re</i> SACU.</p>  |      |           |
| J.150   | U, V | 1966-1967 |
| <p>Includes correspondence with A. Vidal-Hall of the French Embassy in London <i>re</i> literature on the migration of scientists.</p>  |      |           |



**Correspondence, J.1-J.1310**

- |  |                      |           |
|--|----------------------|-----------|
| J.151  | W                    | 1966-1967 |
| <p>Includes correspondence with J.S. Watson, Principal of St Andrews, <i>re</i> a report in <i>The Times</i> on the Special Report from the Committee of Public Accounts. Also includes letters to R. Weck of the British Welding Research Association <i>re</i> argon-arc welding vs helium-arc welding, etc.</p>   |                      |           |
| J.152  | X-Z                  | 1966-1967 |
| <p>Includes correspondence with M. Zvegintzov of the NRDC <i>re</i> a proposed liquid hydrogen centre at the Bradford Institute of Technology, etc.</p>  |                      |           |
| J.153-J.176  | '1 Apr 67-17 Feb 68' | 1967-1968 |
| <p>Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.</p>   |                      |           |
| J.153  | A                    | 1967-1968 |
| <p>Includes correspondence with P. Aigrain <i>re</i> the political situation in Greece and its implications for E.D. Haidemenakis's proposed NATO summer school there. Also includes correspondence with T.E. Allibone <i>re</i> the upcoming Royal Society-Wates Study Conference on Superconductor Technology in Europe.</p> <p>A number of scheduled speakers at Haidemenakis' summer school in Greece pulled out in the aftermath of the military coup in the spring of 1967. Kurti remained neutral, then decided not to take part, but changed his mind again following assurances that there would be no limitation on freedom of expression. See also G.88-G.90.</p> |                      |           |
| J.154, J.155   | B                    | 1967-1968 |
| <p>Includes correspondence with the President of the Royal Society <i>re</i> a broad range of matters, including 'the Hooker-Kurti report' on engineers and scientists in industry (published in <i>Nature</i> vol. 217 (17 February 1968)). Also includes correspondence with A.S.D. Barrett <i>re</i> a proposed rental scheme of Philips PLHe 209 Liquefiers for universities, with A. Briggs <i>re</i> a future Colloque de Caen Franco-Britannique to explore university reform, with fellow physicists W.E. Burcham and C.C. Butler <i>re</i> consultancy</p>  |                      |           |



**Correspondence, J.1-J.1310**

and Ph.D.s in industry, and with J.B. Butterworth *re* the proposed Mathematics Research Centre at the University of Warwick, etc.

2 folders.

J.156                      C    1967-1968

J.157                      D    1967-1968

Includes correspondence with F.S. Dainton *re* a Franco-British Colloque de Caen, university-industry relations, etc. Also includes correspondence with the Physical Secretary of the Royal Society (M.J. Lighthill) *re* scientific authors's reluctance to publish in the *Proceedings of the Royal Society*, and with J.J.P. Deverill of the Royal Society *re* the upcoming Hungarian Scientific and Technical Week of the Hungarian Embassy in London.

J.158                      E    1967-1968

Includes correspondence with the Office for Scientific and Technical Information *re* an upcoming Advisory Committee for Science and Technology Information meeting. Also includes correspondence with R.H. Ellis of the Historical Manuscripts Commission *re* 'the location of papers of pre-1930 great men of science'.

J.159                      F    1967-1968

Includes correspondence *re* funding for E.D. Haidemenakis's proposed NATO summer school, with D.M. Finlayson *re* the next international conference on low temperature physics (LT 11), with B.H. Flowers *re* a variety of matters (among them the question of how the news of the demise of the HMFL Project should be handled), and with Sir Frank Francis of the British Museum *re* the automation of libraries, etc.

J.160                      G    1967-1968

Includes correspondence with S. Gill *re* difficulties in providing evidence to the Dainton Committee, recently established to report on the national libraries. Also includes correspondence with C.J. Gorter *re* his recent Fritz London

**Correspondence, J.1-J.1310**

lecture and the desirability of reviving friendly relations between the Kammerlingh Onnes Laboratory and the Clarendon.

J.161, J.162

H

1967-1968

J.161 includes correspondence with E.D. Haidemenakis *re* the implications of the escalating political situation in Greece for Kurti's participation in the proposed NATO summer school there. Also includes correspondence with Sir Harold Hartley *re* the preservation of scientific archives, and with G.G. Haselden *re* liquid methane storage etc. J.162 includes correspondence with M.G.N. Hine of CERN *re* the meeting on Superconductor Technology in Europe (with excerpts from a draft report etc.), and with S.G. Hooker *re* university-industry relations, etc.

2 folders.

J.163

I, J

1967-1968

Includes correspondence with Baron Ironside of Cryosystems Ltd *re* cryogenic terminology, with T. Johnson *re* his *Sunday Times* articles on the Oxford Instruments Company and the BOC-Edwards merger, with C. Jolliffe of the SRC *re* the HMFL project and the Oxford Advanced Cryogenics Course, with Sir Sydney Jones *re* a symposium on railway research, etc.

The BOC Group acquired Edwards High Vacuum Ltd in 1968. The Oxford Advanced Cryogenics Course was an 18-day residential course designed for senior personnel in industry and government establishments to retain their awareness of new developments and to remain 'fundamentals conscious'.

J.164

K

1967-1968

J.165

L

1967-1968

Includes correspondence with F. Lange of the Institut für Tieftemperaturphysik, Dresden, with J.D. Lawson of the Rutherford High Energy Laboratory, Chilton, Berkshire *re* the new Advanced Cryogenics Course, with B. Lax of the National Magnet Laboratory (NML) at the Massachusetts Institute of Technology, USA, *re* demagnetisation work done at the NML, and with the Department of Education

**Correspondence, J.1-J.1310**

and Science *re* funding for E.D. Haidemenakis's proposed summer school.

J.166-J.168

M

1967-1968

J.166 includes correspondence with J.R. Maddox, editor of *Nature*, *re* the 'brain drain' etc, and with Mme B. Marger of the French Embassy, London, *re* a future Colloque de Caen Franco-Britannique, etc. J.167 is correspondence with D.C. Martin of the Royal Society on a broad range of themes, including science teaching in schools, postgraduate training, catering at Carlton House Terrace, the fate of the Chadwick archives, etc. J.168 includes correspondence with H.A. Moe *re* the personal papers of eminent scientists, and with D.B. Montgomery *re* his report on the 'Design of High Field Solenoids'.

3 folders.

In 1966, Montgomery had spent two months at the Clarendon Laboratory as a Senior Visiting Fellow, the results of which were summarised in his report.

J.169

N, O

1967-1968

Includes correspondence with Westonbirt School, Tetbury, Gloucestershire, *re* the suitability of the school premises for European Physics Research Conferences.

J.170

P, Q

1967-1968

Includes correspondence with D.H. Parkinson of the Radar Research Establishment *re* a possible reorganisation of the Cryogenics Panel (the former Cryogenic Equipment Panel) into a joint SRC/Ministry of Technology venture, and with D.G. Pearce of AERE *re* his survey of the British cryogenic industry.

J.171

R

1967-1968

Includes correspondence with J.A. Ratcliffe *re* the notion that radioastronomy is a more effective training for industry than other branches of physics, with G.V. Raynor *re* the Cryogenics Committee, with the Ministry of Technology *re* the previous work of the Cryogenics Panel, and with the Biological Secretary of the Royal Society, A.A. Miles, *re* funding for space biological research.



**Correspondence, J.1-J.1310**

J.172, J.173	S	1967-1968
Includes correspondence with R.J. Slaughter of BICC <i>re</i> testing samples of superconducting materials.		
2 folders.		
J.174	T, U, V	1967-1968
Includes correspondence with the Foreign Secretary of the Royal Society <i>re</i> meeting on superconductor technology in Europe in October 1968, with the editor of <i>The Times</i> <i>re</i> East-West trade etc., and with H. Trevor-Roper and Dame Joan Vickers <i>re</i> SACU, etc.		
J.175	W	1967-1968
Includes correspondence <i>re</i> an incident of March 1967 when Kurti broke the automatic exit barrier at Oxford Station car park because it was jammed. Also includes correspondence with J.V. Wagstaffe of the SRC <i>re</i> the Cryogenics Panel, and with Sir Kenneth Wheare, President of the British Academy, <i>re</i> closer collaborations between the British Academy and the Royal Society and the 'jungle' of modern scientific and technical vocabulary.		
J.176	Z, Miscellaneous	1967-1968
Includes correspondence with M. Zvegintzov <i>re</i> the Cryogenics Panel etc.		
J.177-J.204	'19 Feb-6 Nov 68'	1968
Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.		
J.177	A	1968
Includes correspondence with P. Agron <i>re</i> the foundation of an organisation to consider scientific and technical terminology, with E. N. da C. Andrade <i>re</i> the archives of eminent scientists, and with H.S. Arms <i>re</i> 'the difficulties that industry has in competing with universities and Government research establishments in recruiting', etc.		



**Correspondence, J.1-J.1310**

- |   |   |      |
|---|---|------|
| J.178, J.179  | B | 1968 |
| <p>Includes correspondence <i>re</i> ordering by magnetic dipolar interactions, <i>re</i> the fate of the papers of eminent scientists, <i>re</i> the 'indiscriminate use' of the word 'cryogenic' in the reports of the UK Scientific Mission in the USA, etc. J.179 also includes a report of Kurti's visit to the Netherlands in June 1968.</p> <p>2 folders.</p>  |   |      |
| J.180, J.181  | C | 1968 |
| <p>Includes correspondence with Classic Publications Ltd <i>re</i> suitable people to write brief articles on the role of research in industry, with H.B.G. Casimir of the Philips Research Laboratories <i>re</i> an international meeting on the technology of large superconducting magnets, with P.F. Chester of the Electricity Council Research Centre <i>re</i> novel methods of cooking with the aid of electricity, etc.</p> <p>2 folders.</p> |   |      |
| J.182   | D | 1968 |
| <p>Includes correspondence with J.G. Daunt <i>re</i> the editorial policy of the <i>Journal of Low Temperature Physics</i>. Also includes correspondence <i>re</i> the 'brain drain', and a joint meeting of the Low Temperature Group and the Magnetism Group of the Institute of Physics and the Physical Society on the subject of 'Ordering by Dipolar Interaction', etc.</p>   |   |      |
| J.183   | E | 1968 |
| <p>Includes correspondence with the editor of <i>Physics Today</i> <i>re</i> an article on graduate students, and with R.H. Ellis of the Historical Manuscripts Commission <i>re</i> M.M. Gowing's pilot survey on preserving scientific archives.</p> <p>The pilot survey on scientific archives led to the foundation of the Contemporary Scientific Archives Centre (CSAC), Oxford, in 1973. See H.123-H.270.</p>                                    |   |      |
| J.184, J.185  | F | 1968 |
| <p>J.184 is chiefly correspondence with D.M. Finlayson <i>re</i> the</p>  |   |      |

**Correspondence, J.1-J.1310**

programme of LT 11. Also includes correspondence with J. Farrant *re* the new Society for Low Temperature Biology. J.185 includes correspondence with B.H. Flowers *re* the suitability of computers as topic of a Royal Society Review Lecture, SRC policy *re* fundamental science, the difference between training for technology and doing research in technology, etc. Also includes letters to J.S. Forrest of the Central Electricity Research Laboratory *re* long-term research in the electricity supply industry, etc.

2 folders.

Kurti was the chairman of the Society for Low Temperature Biology.

- |  |      |      |
|--|------|------|
| J.186  | G    | 1968 |
| <p>Includes correspondence <i>re</i> the BBC programme 'The Lindemann Enigma' and with J.C. Gorter of the Kamerlingh Onnes Laboratorium, Leiden, Netherlands <i>re</i> the need to coordinate international LT conferences with smaller research conferences such as those organised by the European Physical Society. Also includes letters to M.M. Gowing <i>re</i> arrangements for the pilot project on scientific archives.</p> |      |      |
| J.187  | H    | 1968 |
| <p>Includes correspondence with Sir Harold Hartley <i>re</i> the preservation of scientific papers, with the engineer D.W. Holder <i>re</i> a report on postgraduate training in engineering, and with S.G. Hooker <i>re</i> their joint report as Vice-Presidents of the Royal Society on the problem of industry-university collaboration etc.</p>   |      |      |
| J.188  | I, J | 1968 |
| <p>Includes correspondence <i>re</i> scientific acronyms and the Hooker-Kurti report, and with Johnson Matthey Metals Ltd <i>re</i> the measurement of cryogenic temperatures.</p>   |      |      |
| J.189  | K    | 1968 |
| <p>Includes correspondence with R.W.J. Keay <i>re</i> the Hooker-Kurti report and its distribution, the potential use of the Casa Malaparte (a villa on the Isle of Capri, Italy) as the seat of the new Commission on the History of</p>  |      |      |

**Correspondence, J.1-J.1310**

Oceanography or for the Naples Zoological Station, etc. Also includes correspondence *re* a joint meeting with the British Academy on scientific methods in archaeology.

J.190 L 1968

Includes correspondence with C. Laverick *re* his publications and the use of SI units in them.

J.191-J.194 M 1968

J.191 includes correspondence with W.H. McFadzean, Chairman of BICC, *re* his views on research and industry, with F.R. McKim *re* Kurti's upcoming Sixth Form talk at Marlborough College, Wiltshire on 'Physics and the Joys of Life', and with W.C. Marshall on Gowing's pilot survey. J.194 includes correspondence *re* a proposed 'Oxford Advanced Cryogenics Course Trust'.

4 folders.

J.195 N, O 1968

Includes correspondence with the editor of the *Observer* *re* the practice of channelling money into research through Defence Departments, and with the deputy editor of the *New Scientist* *re* the regrettable practice of using acronyms in publications that are not directed at specialists.

J.196, J.197 P 1968

Includes correspondence *re* invitations for Kurti to attend conferences in Hungary and (with the British Council) *re* the visit of the Soviet physicist O.A. Chilashvili. Also includes correspondence *re* the pilot survey, editorial correspondence *re* the *Physics Bulletin*, etc.

2 folders.

J.198 R 1968

Includes correspondence *re* 'the Strategic Embargo List so far as it affects the export of Cryogenic Equipment', the Hooker-Kurti report, etc.



**Correspondence, J.1-J.1310**

J.199, J.200	S	1968
<p>Includes correspondence about visits, meetings, the Society for Low Temperature Biology, etc.</p> <p>2 folders.</p>		
J.201	T	1968
<p>Includes correspondence with the Foreign Secretary of the Royal Society <i>re</i> a proposed joint Royal Society/CERN conference on superconductor technology, Kurti's recent visit to Hungary, East/West networks of cooperation <i>re</i> high magnetic fields, etc.</p>		
J.202	U, V	1968
<p>Includes correspondence with J.H. Van Vleck of Harvard University, USA, <i>re</i> his upcoming Royal Society Review Lecture, and with J. Volger of the Philips Research Laboratories in Eindhoven, Netherlands, <i>re</i> his lecture on Flux Pumps and similar devices at the upcoming meeting of the LT Group of the Institute of Physics.</p> <p>Van Vleck, who was awarded a Nobel Prize for Physics in 1977, was a personal friend of Kurti.</p>		
J.203	W	1968
<p>Includes correspondence with C.V. Wedgwood <i>re</i> the pilot survey, with G.A. Whitfield <i>re</i> future cryogenic work at the College of Aeronautics, Cranfield, and with A.L. Williams <i>re</i> his thesis that the majority of Ph.D.s are useless as far as work in industry is concerned, and with the Director of the Association of Special Libraries and Information Bureaux (Aslib).</p> <p>A.L. Williams was Director of Research at the Central Research &amp; Engineering Division of BICC. Kurti was the Royal Society's representative on the Council of Aslib.</p>		
J.204	Z, Miscellaneous	1968



Correspondence, J.1-J.1310

J.205-J.271	'7 Nov 68-Sep 71'	1968-1971
	Contents of 5 ring binders so inscribed. Found arranged alphabetically and in chronological order.	
	Key topics include cryogenic terminology, LT-12 (Kyoto, Japan), the strategic embargo list, European Physical Society matters, the pilot project on scientific manuscripts, the preservation of unused film footage, cooperation between the Royal Society and the British Academy, the recent declassification of research originating with the Tube Alloys Project, Aslib, the Science of Science Foundation, Kurti's performances as physicist in the kitchen, power lines and the preservation of the countryside, etc.	
J.205-J.208	A	1968-1971
	4 folders.	
J.209-J.213	B	1968-1971
	Includes correspondence <i>re</i> Institute of Physics matters.	
	5 folders.	
	In July 1969, Kurti had been elected to the Council of the IPPS.	
J.214-J.217	C	1968-1971
	Includes correspondence <i>re</i> the potential of microwave cooking, Einstein's visit to England in 1921, professional careers for graduate scientists and engineers, IPPS-IOP matters, etc.	
	4 folders.	
J.218	D	1968-1971
J.219, J.220	E	1968-1971
	2 folders.	

*This abbreviation is not clear  
I assume it is the Institute of Physics  
re Phys. Soc.*

*IOP is the  
Institute  
of Physics*

**Correspondence, J.1-J.1310**

J.221, J.222	F	1968-1971
<p>Includes correspondence <i>re</i> changes at the College of Aeronautics, Cranfield, the discontinuation of the Cryogenics Panel, information management on the part of the SRC, the dress code at the Maison Française Garden Party, etc.</p> <p>2 folders.</p>		
J.223-J.225	G	1968-1971
<p>Includes correspondence <i>re</i> BICC's interest in superconductivity, recognition of the early British contributions to the jet separation method, conference on high magnetic fields at the University of Nottingham, inauguration of the Amphithéâtre Louis Weil in Grenoble, etc.</p> <p>3 folders.</p>		
J.226-J.229	H	1968-1971
<p>Includes correspondence <i>re</i> British resistance to decimalisation, the weight of eggs at the time of Mrs Beeton, etc. J.227 includes a draft of Kurti's introduction to <i>Cryogenic Fundamentals</i>, ed. G.G. Haselden (London, 1971).</p> <p>4 folders.</p>		
J.230, J.231	I, J	1968-1971
<p>Includes correspondence <i>re</i> delays to implement recommendations made by the Cryogenics Panel, the cost of participating in the high magnetic field installation at Grenoble, R.V. Jones's contribution to a BBC programme on F.A. Lindemann, etc.</p> <p>2 folders.</p>		
J.232-J.234	K	1968-1971
<p>Includes correspondence <i>re</i> the future of the Cranfield Institute of Technology, problems of cooling below <math>10^{-3}\text{K}</math>, the desirability of communicating in SI units, the work of the Hooke Committee of the Royal Society, the SCR's</p>		

**Correspondence, J.1-J.1310**

Cryogenics Panel, etc.

3 folders.

J.235-J.237

L

1968-1971

Includes correspondence *re* arrangements for Kurti's filmed lectures 'The Temperature Traveller', technologies of temperatures below 20°K, the Royal Society-IPPS working party on the relationship between university education in physics and the needs of industry, etc.

3 folders.

J.238-J.241

M

1968-1971

Includes correspondence *re* the high flux beam reactor in Grenoble, the work of the British Cryogenics Council (BCC), the Simon Memorial Prize of 1970 (including a draft of Kurti's speech on the occasion), etc.

4 folders.

Kurti was a member of the Board of the BCC. In 1970, the Simon Memorial Prize went to W. Meissner.

J.242, J.243

N

1968-1971

Includes correspondence *re* similarities between A.W.B. Taylor's book on superconductivity and *Introduction to Superconductivity* by A.C. Rose-Innes and E.H. Rhoderick (see E.433).

2 folders.

J.244

O

1968-1971

Includes correspondence *re* decimalisation. Also includes letters to the local press.

J.245-J.247

P,Q

1968-1971

Includes correspondence *re* university teaching of physicists, the Grenoble High Field Laboratory, the conference on high magnetic fields at the University of

**Correspondence, J.1-J.1310**

Nottingham, J.H. van Vleck's intimate knowledge of railway regulations and timetables, etc.

3 folders.

J.248, J.249

R

1968-1971

Includes correspondence *re* a joint celebration of the centenary of the Physical Society and the Société Française de Physique, the history of cryogenics, etc.

2 folders.

J.250-J.254

Royal Society

1968-1971

5 folders.

J.255-J.261

S

1968-1971

Includes correspondence *re* the records of the Academic Assistance Council (later the Society for the Protection of Science and Learning)

7 folders.

J.262, J.263

T

1968-1971

J.263 includes correspondence with the editor of *The Times*.

2 folders.

J.264

U, V

1968-1971

J.265, J.266

W

1968-1971

2 folders.

J.267

Y, Z

1968-1971



**Correspondence, J.1-J.1310**

J.268-J.270	<p>'File copies of circulars'</p> <p>Contents of a folder so inscribed.</p> <p>Circular letters, exam questions, notes and reports on meetings, etc.</p> <p>3 folders.</p>	1968-1971, n.d.
J.271	<p>'Master copies &amp; spare copies'</p> <p>Contents of a folder so inscribed.</p> <p>Circular letters <i>re</i> meetings on the terminology of cryogenics, travel arrangements for LT 12, etc.</p>	1969-1970, n.d.
J.272-J.315	<p>'6 Sep 71-23 Feb 73'</p> <p>Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.</p> <p>Topics include scientific terminology, LT 13 (Boulder, Colorado, USA), the 1973 meeting of the British Association for the Advancement of Science (BAAS) in Canterbury, Kent, the Europhysics Study Conference on thermometry below 50 mK (Albé, France), the joint celebration of the centenary of the Physical Society and the Société Française de Physique (Jersey, April 1974), the work of the Advisory Committee for Research on Measurements and Standards, the ICSU Committee on Data for Science and Industry, Kurti as physicist in the kitchen and his reflections on physics and happiness, etc.</p>	1971-1973
J.272, J.273	<p>A</p> <p>Includes correspondence <i>re</i> the papers of the recently deceased E. N. da C. Andrade.</p> <p>2 folders.</p>	1971-1973
J.274-J.277	<p>B</p> <p>Includes correspondence <i>re</i> the Science Policy Foundation (of whose Committee of Management Kurti was the chairman) and <i>re</i> Kurti's presidential address to Section AA* at the upcoming BAAS meeting in Canterbury, Kent.</p> <p>4 folders.</p>	1971-1973

**Correspondence, J.1-J.1310**

J.278-J.280	C	1971-1973
Includes correspondence <i>re</i> the structure and fabric of the cathedral of Canterbury and its preservation.		
3 folders.		
J.281, J.282	D	1971-1973
Includes correspondence <i>re</i> cryonics.		
2 folders.		
J.283	E	1971-1973
Includes correspondence <i>re</i> the neologism 'microsonics' and a draft of Kurti's response to the Rothschild Report on the organisation and management of government R&D (1971).		
J.284, J.285	F	1971-1973
2 folders.		
J.286, J.287	G	1971-1973
2 folders.		
J.288-J.290	H	1971-1973
3 folders.		
J.291, J.292	I, J	1971-1973
J.292 includes correspondence <i>re</i> the application of physics to the visual arts and <i>re</i> the high magnetic field installation in Grenoble.		
2 folders.		

**Correspondence, J.1-J.1310**

J.293, J.294	K	1971-1973
J.294 includes correspondence <i>re</i> cryogenics.		
2 folders.		
J.295, J.296	L	1971-1973
J.296 includes correspondence <i>re</i> a study conference held under the auspices of the NATO Scientific Committee on the Technology of Efficient Energy Utilization.		
2 folders.		
J.297, J.298	M	1971-1973
2 folders.		
J.299	N	1971-1973
J.300	O	1971-1973
J.301, J.302	P, Q	1971-1973
Includes correspondence with D.E. Pegg <i>re</i> low temperature biology. Also includes correspondence <i>re</i> stained glass and its preservation.		
2 folders.		
J.303, J.304	R	1971-1973
2 folders.		
J.305-J.307	Royal Society	1971-1973
J.305 includes Kurti's application to the Paul Instrument Fund, <i>re</i> support for the project of an integrating nuclear magnetic resonance thermometer. See also C.105-C.108.		
3 folders.		

**Correspondence, J.1-J.1310**

J.308-J.310	S  3 folders.	1971-1973
J.311, J.312	T  Includes correspondence with R. Thévenot of the IIR-IIF <i>re</i> the 'Glossary of Terms in Cryology', a working title for their efforts to create a glossary of cryogenic terminology.  2 folders.	1971-1973
J.313	U, V	1971-1973
J.314	W	1971-1973
J.315	X-Z, Miscellaneous	1971-1973
J.316-J.342	'Correspondence 1973-Filed alphabetically-(not replies)-To NCU'  Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.  Topics include the Jersey conference, the newly opened Contemporary Scientific Archives Centre (CSAC), the Science Policy Foundation, CODATA, European Physical Society and Institute of Physics matters (including Kurti's resignation from Council), a projected lecture series at Oxford on 'Physics v. The Rest', scientific terminology, etc.	1973
J.316	A	1973
J.317, J.318	B  2 folders.	1973
J.319, J.320	C  2 folders.	1973



**Correspondence, J.1-J.1310**

J.321	D	1973
J.322	E	1973
J.323	F	1973
Includes correspondence with B.H. Flowers <i>re</i> Kurti's resignation from the Council of the Institute of Physics.		
J.324	G	1973
J.325	H	1973
J.326	Institute of Physics	1973
Chiefly editorial correspondence.		
J.327	J	1973
J.328, J.329	K	1973
J.329 includes correspondence <i>re</i> a study conference held under the auspices of the NATO Scientific Committee on the Technology of Efficient Energy Utilization.		
2 folders.		
J.330	L	1973
J.331, J.332	M	1973
J.332 includes correspondence <i>re</i> Lord Hailsham.		
2 folders.		

**Correspondence, J.1-J.1310**

J.333	N, O	1973
J.334	P	1973
J.335	R	1973
	Includes correspondence with Lady Roberthall <i>re</i> the papers of her late father.	
J.336	Royal Society	1973
J.337, J.338	S	1973
	2 folders.	
J.339	T	1973
J.340	U, V	1973
J.341	W	1973
J.342	Y, Z	1973
J.343-J.372	'1974'	1974

Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.

Key topics include the Jersey conference, international collaborations *re* high magnetic fields, energy research, Commission A1 (Cryophysics) of the IIF-IIR, the CODATA meeting in Yerevan, Armenia, Europhysics conferences and other European Physical Society matters, Kurti's lectures on 'Physics and happiness' and 'Physics for profit or for pleasure', the lecture series 'Physics: versus or with

**Correspondence, J.1-J.1310**

the rest?', etc.

J.343	A	1974
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J.344, J.345	B	1974
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2 folders.

J.346, J.347	C	1974
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J.346 includes correspondence with R.E. Chabbal *re* the Service National des Champs Intenses (SNCI).

2 folders.

The SNCI was originally set up to provide high field facilities for research workers in France and from other countries.

J.348	D	1974
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J.349	E	1974
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Includes information *re* arrangements for the lecture series 'Physics: versus or with the rest?'. Also includes Kurti's extended notes on the meeting of the Council of the European Physical Society, Geneva, Switzerland, 28-29 March.

J.350	F	1974
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J.351	G	1974
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J.352, J.353	H	1974
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2 folders.

**Correspondence, J.1-J.1310**

J.354	I, J	1974
J.355, J.356	Jersey conference  2 folders.  This conference marked the 100th Anniversaries of the Physical Society and the Société Française de Physique, St Helier, Jersey, 5-9 April 1974 (see H.768-H.780).	1974
J.357	K	1974
J.358	L	1974
J.359, J.360	M  2 folders.	1974
J.361	N	1974
J.362	O	1974
J.363	P  Includes correspondence with R. Pauthenet of the SNCI <i>re</i> Kurti's forthcoming presentation on 'High Magnetic Fields: in Retrospect and Prospect'.	1974
J.364	R	1974
J.365-J.367	Royal Society  Includes draft report on Kurti's visit to Rumania, 1974.  3 folders.	1974



**Correspondence, J.1-J.1310**

J.368, J.369	S	1974
	2 folders.	
J.370	T	1974
J.371	U-W	1974
J.372	Y, Miscellaneous	1974
	Includes a typescript of Kurti's presentation 'General review and energy technology, including the hydrogen economy'. Also includes a report on a meeting to discuss progress on the NATO-supported project 'Construction of polyhelix magnet coils'.	
J.373-J.394	'1975'	1975
	Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.	
	Key topics include Kurti's retirement in October 1975, the future of Commission A1 (Cryophysics) of the Institut International du Froid, European Physical Society conferences, the activities of the Unification Church and the International Cultural Foundation, the NATO Science Committee Conference on Thermal Energy Storage, Harwell's Energy Technology Support Unit (for which Kurti acted as a part-time consultant), W.C. Marshall's Combined Heat and Power Group, the summer school 'Aspects of Energy Conversion' (Oxford), culinary physics, the lecture series 'Physics: versus or with the rest?', etc.	
J.373	A	1975
J.374, J.375	B	1975
	2 folders.	
J.376	C	1975

**Correspondence, J.1-J.1310**

J.377	D	1975
J.378	E	1975
J.379	F	1975
J.380	G	1975
J.381, J.382	H 2 folders.	1975
J.383	I, J	1975
J.384	K	1975
J.385	L	1975
J.386	M	1975
J.387	N, O	1975
J.388	P, Q, R	1975
J.389	Royal Society  Includes a typescript of the English translation of the remarks made by Kurti at the closing session of the Hungarian Academy of Sciences' 150th anniversary jubilee general assembly, and of his report on the occasion (see also G.182-G.184).	1975

**Correspondence, J.1-J.1310**

J.390, J.391	S	1975
	2 folders.	
J.392	'Summer school 1975'	1975
	Material <i>re</i> the summer school 'Aspects of Energy Conversion', Lincoln College, Oxford, 14-25 July 1975.	
J.393	T, U, V, W	1975
J.394	Z, Miscellaneous	1975
	Includes typescripts of notes on heat transport etc.	
J.395-J.414	'1976'	1975-1977
	Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.	
	Topics include energy research, Commission A1 of the Institut International du Froid and its amalgamation with Commission A2, EPS study conferences, the work of Contemporary Scientific Archives Centre, International Conferences on the Unity of the Sciences (ICUS), Kurti's Simon-Cherwell Lecture, his performances as physicist in the kitchen, and the 100th anniversary (in 1977) of the first liquefaction of oxygen by Cailletet in France and Pictet in Switzerland, etc.	
J.395	A	1975-1977
J.396, J.397	B	1975-1977
	J.397 includes correspondence with Scottish distilleries.	
	2 folders.	
J.398	C, D	1976-1977

**Correspondence, J.1-J.1310**

J.399	E	1975-1977
	Includes Kurti's notes on a visit to the Electricity Council Research Centre, 22 July 1977.	
J.400	F, G	1976-1977
J.401	H	1976-1977
J.402	International Cultural Foundation	1976-1977
J.403	I, J	1976-1977
J.404	K	1976-1977
J.405	L	1976-1977
J.406, J.407	M	1976-1977
	J.406 includes correspondence with members of the BBC's Science Consultative Group.	
	2 folders.	
J.408	N, O	1975-1977
J.409	P, R	1976-1977
J.410, J.411	Royal Society	1976-1977
	2 folders.	



**Correspondence, J.1-J.1310**

J.412 S 1976-1977

J.413 T, U, V, W 1976-1977

J.414 Y, Miscellaneous 1976-1977

Includes typescripts with the following titles: 'Note on some heat-pump work in France', 'Notes on a discussion ... concerning the Nuffield College heat pump', 'Notes of a joint meeting of the Deutscher Kältetechnischer Verein and of IIR Commission A1-2', 'Note on the Franco-Swedish meeting on energy economics' (March 1977), 'Combined chemical heat pumping and energy storage schemes ...', 'Summary of a lecture given (in German) at the Fritz Haber Institut of the Max Planck Gesellschaft in West Germany ...', 'Le stockage et le transport de l'énergie', 'A guide to energy paper number 20 ...', 'Utilisation des lits fluidisés', etc.

**J.415-J.716 CHRONOLOGICAL SERIES 1976-1998**

Contents of Kurti's folders of copies of outgoing correspondence. In chronological order.

**J.415-J.433 '1976-1977' 1976-1977**

Topics covered include European Physical Society conferences, Kurti's consultancy with British Insulated Callender's Cables (BICC), the representation of engineering industry in the Royal Society, energy concerns, CODATA business, the centenary of the liquefaction of oxygen, terminology, Kurti's performances as physicist in the kitchen, etc.

J.415-J.422 'Dec 1976-Aug 1977' 1976-1977

Includes incoming correspondence.

J.415 December-January 1976-1977

**Correspondence, J.1-J.1310**

J.416	February	1977
J.417	March  Includes correspondence in Hungarian.	1977
J.418	April	1977
J.419	May	1977
J.420	June	1977
J.421	July	1977
J.422	August	1977
J.423-J.433	'Apr-Dec 1977'  Topics include the LT 15 conference, and the Maison Française in Oxford (whether it should have a scientific director).	
J.423	April-July	
J.424-J.426	August  3 folders.	
J.427	September	
J.428-J.430	October  3 folders.	

**Correspondence, J.1-J.1310**

J.431 November

J.432, J.433 December  
2 folders.

**J.434-J.459 '1978'**

**1978**

Topics covered include CODATA, the International Cultural Foundation, the Department of Energy's Combined Heat and Power (CHP) Working Group, culinary physics, the end of Kurti's consultancy for the Energy Technology Support Unit and the start of Kurti's consultancy for the Atomic Energy Research Establishment, his resignation from the European Physical Society Sub-Committee on Study Conferences, work of the Task Groups on 'Key Values for Thermodynamic' and 'Internationalization and Standardization of Thermodynamic Data', the history of low temperature physics, Kurti's performances as physicist in the kitchen, etc.

J.434-J.436 January  
3 folders.

J.437, J.438 February  
2 folders.

J.439, J.440 March  
2 folders.

J.441-J.443 April  
3 folders.

J.444-J.446 May  
3 folders.

**Correspondence, J.1-J.1310**

- |              |           |   |
|--------------|-----------|---|
| J.447-J.449  | June      |   |
|              |           | J.448 includes a draft report on CODATA's work. J.449 includes a draft of Kurti's speech at the luncheon after the 6th annual Derek Ezra Lecture given by Sir Hermann Bondi, 22 June, and of Kurti's comments on 'CHP Group Draft Final Report' |
|              |           | 3 folders.  |
| J.450, J.451 | July      |   |
|              |           | J.451 includes correspondence with M. Goldsmith of the Science Policy Foundation <i>re</i> the work of the Finniston Committee, set up to consider the contribution of engineering to manufacturing industry in the UK                          |
|              |           | 2 folders.  |
| J.452, J.453 | August    |   |
|              |           | J.452 includes drafts of Kurti's contributions to the 'Report of the Energy Storage Group' and his 'Reflexions on "Nationality" and "Citizenship" '.  |
|              |           | 2 folders.  |
| J.454        | September |   |
| J.455, J.456 | October   |   |
|              |           | 2 folders.  |
| J.457        | November  |   |
| J.458, J.459 | December  |   |
|              |           | J.459 includes a draft of Kurti's review of <i>Local Energy Centres</i> (ed. N.J.D. Lucas, 1978).   |
|              |           | 2 folders.  |



**Correspondence, J.1-J.1310**

**J.460-J.478**

**'1979'**

**1979**

Topics covered include CODATA, Kurti's article in *Nature* on the congresses sponsored by the International Cultural Foundation, Energy Paper 20 which reported the findings of the CHP Working Group, Kurti's Humphry Davy Lecture and his forthcoming visit to Amherst College, Massachusetts, USA, etc.

Kurti spent the winter term at Amherst College, where he was invited as Distinguished Visiting Professor.

J.460, J.461

January

J.461 includes correspondence *re* P. Rosbaud's collection of photographs of famous scientists of the early 20th century.

2 folders.

J.462, J.463

February

Includes correspondence *re* the history of solid state physics.

2 folders.

J.464, J.465

March

J.464 includes material *re* the International Assembly on Energy Storage. J.465 includes a CODATA fantasy budget for 1980.

2 folders.

J.466, J.467

April

2 folders.

J.468, J.469

May

J.468 includes a draft of a circular Kurti sent to the panel ('On Thermal and Thermochemical Energy Storage') he chaired at the International Assembly on Energy Storage,

**Correspondence, J.1-J.1310**

Dubrovnik, Yugoslavia, 27 May-1 June 1979.

2 folders.

J.470, J.471

June

J.471 includes a draft on 'Some CODATA activities which might qualify for UNESCO-UNISIST support in 1981-1983', a 'Note about District Heating (DH) and Combined Heat and Power (CHP)' and 'Notes on pending French legislation concerning energy conservation and the utilization of heat'.

2 folders.

J.472, J.473

July

J.472 includes a draft on 'Some remarks about energy economics in gas separation'.

2 folders.

J.474

August

Includes correspondence *re* a French television programme entitled 'L'Homme de Science en Angleterre', featuring Kurti, P. Auger and M. Ryle.

In mid-August, Kurti left for Amherst, where he spent the remainder of the year.

J.475

September

J.476

October

J.477

November

J.478

December

**Correspondence, J.1-J.1310**

**J.479-J.502**

**'1980'**

**1980**

Topics covered include CODATA, International Congresses on the Unity of the Sciences, LT 16 (where Kurti contributed a paper on the history of refrigeration), the translation of L. Néel's *Oeuvres scientifiques* (1978) into English, Kurti's Unesco book project ('Scientific Researchers: The Nature and Impact of their Work'), CSAC, Kurti's performances as physicist in the kitchen, etc.

J.479, J.480

January

2 folders.

J.481-J.483

February

Includes correspondence *re* the origins and meaning of the Royal Society's motto, 'nullius in verba'.

3 folders.

J.484, J.485

March

J.484 includes correspondence *re* an exhibition in the Radcliffe Science Library of P. Rosbaud's collection of photographs of famous scientists of the early 20th century.

2 folders.

J.486, J.487

April

J.486 includes a draft obituary of B. Dreyfus (Executive Secretary of CODATA 1974-1979), a short account of the life of P. Rosbaud, etc. J.487 includes correspondence *re* Kurti's decision to terminate his consultancy work for the Atomic Energy Research Establishment and not to continue as Treasurer for CODATA.

2 folders.

J.488, J.489

May

2 folders.

**Correspondence, J.1-J.1310**

J.490, J.491	June  2 folders.
J.492, J.493	July  2 folders.
J.494, J.495	August  2 folders.
J.496, J.497	September  J.496 includes a draft of Kurti's obituary of K. Mendelssohn.  2 folders.
J.498, J.499	October  J.499 includes drafts of 'Notes about some applications of low temperatures in biology (cryobiology)' and of an obituary of J.H. van Vleck.  2 folders.
J.500	November
J.501, J.502	December  J.501 includes correspondence <i>re</i> K. Mendelssohn.  2 folders.
J.503-J.520	<b>'1981'</b>  Topics covered include the Unification Church and the ICUS, the translation of L. Néel's <i>Oeuvres scientifiques</i> into

**1981**



**Correspondence, J.1-J.1310**

English, CHP-DH, Kurti's presentations on 'Physics and the Joys of Life'.

J.503, J.504

January

J.504 includes drafts of van Vleck anecdotes and Kurti's entry for the *Observer magazine* Dinner Party Menu Competition.

2 folders.

J.505, J.506

February

J.505 includes drafts of Kurti's book reviews (*Concrete and Cryogenics* by F. H. Turner (1979), *The Technological Importance of Accurate Thermophysical Property Information*, ed. J.V. Sengers and M. Klein (1980)). J.506 includes an obituary of K. Mendelssohn.

2 folders.

J.507, J.508

March

J.508 includes a draft of Kurti's review of *Economics of Electric Utility Power Generation* by W.D. Marsh (1980).

2 folders.

J.509

April

Includes correspondence with P. Hoch about refugee scientists, a typescript entitled 'Is there a place for physics in cookery?', etc.

J.510

May

Includes a 10pp typescript of a lecture to open a course on Thermal Energy Storage to be held at JRC Euratom, Ispra, Italy. Also includes a typescript of Kurti's apology (in Italian) for not lecturing in that language.

J.511

June

**Correspondence, J.1-J.1310**

J.512, J.513      July  
2 folders.

J.514      August

J.515-J.517      September  
3 folders.

J.518      October

J.519      November

J.520      December

**J.521-J.539      '1982'**

**1982**

Topics covered include ICUS X and XI, and a proposed BBC programme involving a French chef and Kurti.

J.521, J.522      January  
2 folders.

J.523, J.524      February  
2 folders.

J.525, J.526      March, April  
2 folders.

**Correspondence, J.1-J.1310**

J.527, J.528

May

J.527 includes draft of recipes. J.528 includes  
correspondence re the origins of adiabatic  
demagnetisation.

2 folders.

J.529

June

J.530, J.531

July

2 folders.

J.532-J.534

August

3 folders.

J.535

September

J.536, J.537

October

2 folders.

J.538

November

J.539

December

**J.540-J.550**

**'1983'**

**1983**

J.540

January

J.541

February

**Correspondence, J.1-J.1310**

J.542 March

J.543 April

J.544 May

J.545 June

J.546 July

J.547 August

J.548 September

J.549 October-November

J.550 December

**J.551-J.561 '1984'**

**1984**

J.551 January

J.552 February

J.553 March

J.554 April



**Correspondence, J.1-J.1310**

J.555                      May-June

J.556                      July

J.557                      August

J.558                      September

J.559                      October

J.560                      November

J.561                      December

**J.562-J.573              '1985'**

**1985**

J.562                      January

J.563                      February

J.564                      March

J.565                      April

J.566                      May

J.567                      June

**Correspondence, J.1-J.1310**

J.568                      July

J.569                      August

J.570                      September

J.571                      October

J.572                      November

J.573                      December

**J.574-J.583                      '1986'                      1986**

J.574                      January

J.575                      February

J.576                      March-April

J.577                      May

J.578                      June

J.579                      July

J.580                      August

**Correspondence, J.1-J.1310**

J.581 September

J.582 October-November

J.583 December

**J.584-J.596** **'1987'**

**1987**

J.584 January

J.585 February

J.586 March

J.587 April

J.588 May

J.589 June

J.590 July

J.591, J.592 August  
2 folders.

J.593 September

J.594 October

**Correspondence, J.1-J.1310**

J.595 November

J.596 December

**J.597-J.609 '1988' 1988**

J.597, J.598 January  
2 folders.

J.599 February

J.600 March

J.601 April

J.602 May

J.603 June

J.604 July

J.605 August

J.606 September

J.607 October

J.608 November



**Correspondence, J.1-J.1310**

J.609                      December

**J.610-J.620                      '1989'    1989**

J.610                      January

J.611                      February

J.612                      March

J.613                      April

J.614                      May

J.615                      June

J.616                      July

J.617                      August

J.618                      September

J.619                      October-November

J.620                      December

**J.621-J.632                      '1990'    1990**

**Correspondence, J.1-J.1310**

J.621	January
J.622	February
J.623	March
J.624	April
J.625	May
J.626	June
J.627	July
J.628	August
J.629	September
J.630	October
J.631	November
J.632	December
<b>J.633-J.643</b>	<b>'1991'</b>
J.633	January

**1991**

**Correspondence, J.1-J.1310**

J.634	February
J.635	March
J.636	April
J.637	May
J.638	June
J.639	July
J.640	August
J.641	September
J.642	October
J.643	November-December

<b>J.644-J.654</b>	<b>'1992'</b>	<b>1992</b>
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J.644	January
J.645	February
J.646	March

**Correspondence, J.1-J.1310**

J.647 April

J.648 May

J.649 June

J.650 July

J.651 August

J.652 September

J.653 October

J.654 November-December

**J.655-J.666** **'1993'**

**1993**

J.655 January

J.656 February

J.657 March

J.658 April

J.659 May



**Correspondence, J.1-J.1310**

J.660 June

J.661 July

J.662 August

J.663 September

J.664 October

J.665 November

J.666 December

**J.667-J.678 '1994'**

**1994**

J.667 January

J.668 February

J.669 March

J.670 April

J.671 May

J.672 June

**Correspondence, J.1-J.1310**

J.673                      July

J.674                      August

J.675                      September

J.676                      October

J.677                      November

J.678                      December

**J.679-J.688              '1995'                                      1995**

J.679                      January

J.680                      February

J.681                      March

J.682                      April

J.683                      May

J.684                      June

J.685                      July

**Correspondence, J.1-J.1310**

J.686 August

J.687 September-October

J.688 November-December

**J.689-J.699 '1996'**

**1996**

J.689 January

J.690 February

J.691 March

J.692 April

J.693 May-June

J.694 July

J.695 August

J.696 September

J.697 October

J.698 November

**Correspondence, J.1-J.1310**

J.699 December

**J.700-J.710 1997 1997**

J.700 January

J.701 February

J.702 March

J.703 April

J.704 May

J.705 June

J.706 July

J.707 August

J.708 September

J.709 October

J.710 November-December

**J.711-J.716 '1998' 1998**

J.711 January



**Correspondence, J.1-J.1310**

J.712	February
J.713	March
J.714	April
J.715	May-June
J.716	July-September

<b>J.717-J.1036</b>	<b>PERSONAL CORRESPONDENCE</b>	<b>1944-1997</b>
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Contents of Kurti's folders of 'Personal' correspondence: letters of congratulation, condolence, *re* retirement of colleagues, a great variety of social occasions, Hungarian connexions, representations about service levels of public and commercial bodies and correspondence with colleagues and others about a wide range of Kurti's scientific and non-scientific interests including energy matters, history of science and archives, cookery, music etc.

<b>J.717-J.734</b>	<b>'Personal - A'</b>	<b>1958-1996</b>
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J.717-J.720	A. Abragam	1966-1994
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French physicist who contributed to nuclear magnetic resonance and electron paramagnetic resonance and was Professor at the Collège de France, 1960-1985.

4 folders.

J.717	1966-1979
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**Correspondence, J.1-J.1310**

J.718	1980-1988	
J.719, J.720	1993-1994	
	Correspondence and papers <i>re</i> Scientific Day in Honour of Anatole Abragam, 3 June 1994, Ormes des Merisiers, CE-Saclay, France.	
	2 folders.	
J.721	Abraham - Air Liquide	1961-1994
J.722	Akademie der Wissenschaften der DDR	1975-1991
J.723	Aldabara - Allason	1972-1993
J.724	J.F. Allen	1970-1996
	Allen was Head of the Department of Physics, University of St Andrews.	
J.725	Allibone - Amaldi	1974-1996
J.726	E. Ambler	1967-1986
	Ambler did his PhD work with Kurti at the Clarendon Laboratory and subsequently made his career at the National Bureau of Standards, Washington DC.	
J.727	J. Ambrózný	1985
J.728	Amherst College, Massachusetts	1978-1980
	<i>re</i> visit by Kurti autumn 1979.	

**Correspondence, J.1-J.1310**

J.729	Anderson - Appleton	1966-1985
J.730-J.731	<p>E.N. da C.Andrade</p> <p>Andrade was Emeritus Professor of Physics, University of London.</p> <p>2 folders.</p> <p>At J.731 is copy of Andrade's 'Documented facts concerning the affair at the Royal Institution', sent to Kurti May 1966.</p> <p>1974 correspondence is with Andrade's widow.</p>	1958-1974
J.732	M.D. Archer	1977-1993
J.733	Arnold - Atwell	1960-1993
J.734	Austin - Auty	1973-1981
<b>J.735-J.756</b>	<b>'Personal - B'</b>	<b>1957-1993</b>
J.735-J.736	<p>F.T. Bacon</p> <p>Bacon was the British engineer who developed the first practical hydrogen-oxygen fuel cell.</p> <p>2 folders.</p> <p>At J.736 is copy of paper by Bacon 'Energy Storage using Fuel Cells' read at Institution of Electrical Engineers colloquium 23 May 1966.</p>	1964-1967
J.737	Baddiley - Balaban	1967-1982
J.738	<p>N. L. Balazs</p> <p>Balazs writes from the Physical Laboratory, State University of New York, Stony Brook.</p>	1972

**Correspondence, J.1-J.1310**

J.739	Bald - Banyard	1972-1992
J.740	Barclay - Barkan	1973-1986
J.741	Barrett - Baxandall	1963-1987
J.742	BDH Chemicals Ltd - Békési	1970-1993
J.743-J.744	M. Beloff  Beloff was the first Principal of University College Buckingham.  Correspondence and papers <i>re</i> questions relating to the acceptance of degrees of the proposed independent University College at Buckingham by the Council for National Academic Awards.  2 folders.	1974
J.745	Benjamin - Birmingham	1964-1981
J.746	P.M.S. Blackett  Correspondence arising from Blackett's 1958 Rutherford Memorial Lecture.  1979 correspondence is with Blackett's widow.	1957-1960, 1979
J.747	Blackman - Bloch	1960-1986
J.748	Boas - Boltz	1970-1978
J.749	Bondi - Bramah	1966-1992



**Correspondence, J.1-J.1310**

J.750	D.F. Brewer  Brewer was Director of the Physics Laboratory at the University of Sussex.	1974-1985
J.751	Brickwedde - Brigstocke	1971-1987
J.752	British Airways - British Rail	1960-1979
J.753	M.A. Brooks  Brooks was Deputy to the Keeper of Sound Records, Imperial War Museum	1981-1982
J.754	S.C. Brown  Brown was based at the Research Laboratory of Electronics, Massachusetts Institute of Technology.	1972-1978
J.755	Buckel - Burgen	1971-1993
J.756	Burhop - Butterworth	1962-1987
<b>J.757-J.769</b>	<b>'Personal - C'</b>	<b>1961-1997</b>
J.757	Cairncross - Casimir	1965-1996
J.758	L.J. Challis  Challis was based at the Department of Physics, University of Nottingham.	1983-1997
J.759	Chandra - Churton	1964-1989

**Correspondence, J.1-J.1310**

J.760	Ciardi - Conte	1969-1986
J.761-J.763	<p>A.H. Cooke</p> <p>Cooke was a colleague of Kurti's at the Clarendon Laboratory.</p> <p>3 folders.</p> <p>Includes drafts of Kurti's obituary of Cooke for the <i>Independent</i> (published 1 August 1987).</p>	1962-1987
J.764	Cooper - Council of Europe	1966-1986
J.765	<p>L. Couture</p> <p>Couture was based at the CNRS Laboratoires de Bellevue when the correspondence was initiated and subsequently at the Université de Paris VI.</p>	1961-1988
J.766	<p>J. Coveney</p> <p>Coveney was Head of School of Modern Languages, University of Bath.</p>	1973-1975
J.767	Cracknell - Cranfield Institute of Technology	1966-1983
J.768	<p>A.J. Croft</p> <p>Croft was a colleague of Kurti's at the Clarendon Laboratory, Oxford.</p> <p>Includes obituary by Kurti (<i>Oxford Physics News</i>, March 1988).</p>	1972-1988
J.769	Cruickshank - Czechoslovak Embassy	1970-1990

**Correspondence, J.1-J.1310**

<b>J.770-J.779</b>	<b>'Personal - D'</b>	<b>1955-1996</b>
J.770	Dainton - Darwin	1966-1996
J.771	R. Dalby  Dalby was writing the biography (in collaboration with L. Alder) of the Hungarian traveller and philologist Arminius Vambery (1832-1913).  Includes photograph.	1978-1980
J.771A	A.E. Davidson  Davidson was a diplomat and author.	1972-1980
J.772	Davies - De Gennes	1965-1984
J.773	G. Deghy  Includes papers by Deghy on 'Good Living in Budapest' and 'Reminiscences of a Gourmet'.	1981
J.774	Dennehy - Deverill	1971-1995
J.775	Diamond Conference - Dobos  Includes seating plans and menu for 1955 Diamond Conference held at Oxford.	1955-1975
J.776	C. Domb  Domb was based at King's College London and (1994) the Jewish College of Technology, Jerusalem.	1967-1994
J.777	R.P. Dore  Dore was based at the Technical Change Centre when the	1982-1987

**Correspondence, J.1-J.1310**

correspondence was initiated.

J.778	B. Dreyfus	1966-1980
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Includes curriculum vitae and correspondence with family members after Dreyfus's relatively early death in 1979.

J.779	Dugdale - Dyson	1966-1991
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<b>J.780-J.788</b>	<b>'Personal - E'</b>	<b>1963-1995</b>
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J.780	Edelsack - Education	1971-1992
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J.781	Eglinton - Eisenstein	1963-1985
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J.782	Electrical Research Association - Ellison, A.	1974-1986
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J.783-J.786	J.A. Ellison	1981-1995
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Kurti first met Ellison in September 1981 at an Oxford Food Symposium.

4 folders.

J.787	Epstein - Eurotunnel	1967-1991
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J.788	R.H.B. Exell	1975-1988
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Kurti supervised Exell's D.Phil. thesis in low temperature physics (awarded 1962). He subsequently made his career at the Asian Institute of Technology, Bangkok, Thailand.

<b>J.789-J.803</b>	<b>'Personal - F'</b>	<b>1962-1997</b>
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**Correspondence, J.1-J.1310**

J.789	Fabinyi - Feilden	1969-1991
J.790	Fejes - Ferranti	1962-1988
J.791	Finnish Academy - Finniston	1971-1991
J.792	D. Fishlock  Fishlock was science editor of the <i>Financial Times</i> .	1971-1986
J.793	M. Fiske  Fiske writes from the Physical Science Branch, General Electric Company Research and Development Center, Schenectady, New York, USA.	1973-1978
J.794, J.795	H.W. Florey  Re dinner given for Florey by FRSs based in Oxford, 'Australian Wine for the Royal Society', etc.  2 folders.  At J.794 is copy of menu of dinner in honour of C.S. Sherrington PRS given by the FRSs resident in Oxford, 15 January 1921.	1965-1967
J.796	Floud - Fontaine	1972-1985
J.797	Forbes - Fox	1964-1992
J.798	Francis - Freeman	1967-1978
J.799	French Embassy - Friedel	1966-1973

**Correspondence, J.1-J.1310**

J.800	Frisch - Fuchs	1965-1997
J.801-J.803	W.S. Fyfe  Fyfe was Professor of Geology, University of California, Berkeley, USA.  3 folders.	1965-1983
<b>J.804-J.812</b>	<b>'Personal - G'</b>	<b>1961-1996</b>
J.804	Gabor - Gell-Mann	1965-1990
J.805	Geoghegan - Germany	1967-1990
J.806	Gluck - Godwin	1964-1987
J.807	Goldman - Gorter	1966-1980
J.807A	M.M. Gowing  <i>re</i> history of British atomic energy project.	1961-1965
J.808, J.809	M.A. Grace  Grace was Reader in Nuclear Physics at Oxford.  Biographical information including drafts of Kurti's obituary for the <i>Independent</i> (published 1 June 1988).  2 folders.	1987-1988
J.810	Gracey - Greiner	1965-1996
J.811	Griffiths - Gruner	1972-1989

**Correspondence, J.1-J.1310**

J.812	Guinier - Guttman	1962-1994
<b>J.813-J.839</b>	<b>'Personal - H'</b>	<b>1949-1997</b>
J.813	W. Haberditzl  1982 letter is from Haberditzl's widow, Sibylle.	1971-1982
J.814-J.819	E.L. Hahn  Hahn was Professor of Physics at University of California, Berkeley. He and Kurti collaborated on nuclear magnetic resonance thermometry for very low temperatures.  6 folders.	1961-1997
J.820	Haigh - Hardwick	1958-1986
J.821, J.822	T.C. Hardy  Hardy was based at the Department of Physics, City College, New York, USA.  2 folders.	1964-1967
J.823	Harris - Haynes	1964-1996
J.824	Healy - Hemsley	1966-1995
J.825	Hensel - Hewish	1962-1994
J.826	Hiebert - Hirsch	1974-1986
J.827	F.E. Hoare	1963, 1966

**Correspondence, J.1-J.1310**

Hoare was Reader then Professor of Physics at the University of Leeds.

J.828                      Hoch - Holweck                      1973-1986

Includes 1945 letter from F.E. Simon to R.E. Peierls copied to P.K. Hoch.

J.829                      W.P. Holland                      1983

Holland was Special Studies Group Manager, British Nuclear Fuels Ltd.

Correspondence and papers *re* superfluid helium.

J.830                      S.G. Hooker                      1966-1984

Includes copy of Kurti's letter of condolence to Hooker's widow and order of service for thanksgiving service, 1984.

J.831                      Hookway - Hoyle                      1966-1984

J.832                      Hudgins - M. Hudson                      1983-1991

J.833-J.838                      R.P. Hudson                      1949-1987

The correspondence was initiated while Hudson was based at the Department of Physics, Purdue University, Lafayette, Indiana. He subsequently joined the US Department of Commerce, National Bureau of Standards, Washington DC becoming Chief, Heat Division.

J.833                      1949-1951

Includes draft paper by Hudson, Hunt and Kurti on 'The Use of Liquid Helium in Magnetic Cooling Experiments'.

J.834                      1952-1953

Includes photograph of apparatus.



**Correspondence, J.1-J.1310**

J.835	1954-1955	
J.836	1961-1962	
J.837	1966-1975	
J.838	1976-1987	
J.839	Huggill - Hutton	1966-1987
<b>J.840-J.842</b>	<b>'Personal - I'</b>	<b>1963-1984</b>
J.840	Independent University - Intermagnetics General Corporation	1971-1984
J.841, J.842	Isotope Plant Design Committee/Isotope Plant Dining Club 1952-1982  Includes papers assembled by Kurti 'For Michael Perrin's 80th birthday' with introductory note 'The notes collected in this folder fortunately did not make their way into the Secret Archives of the UKAEA, so future historians will be able to judge with ease the frivolous activities that "diffusionists" indulged in after you had left the Atomic Energy Scene'.  2 folders.	1963-1982
<b>J.843-J.849</b>	<b>'Personal - J'</b>	<b>1964-1990</b>
J.843	Jaccarino - Jacquinet	1966-1988
J.844	James - Jaszay	1980-1984
J.845	Johnson - R.N. Jones	1972-1990

**Correspondence, J.1-J.1310**

J.846-J.848	R.V. Jones	1964-1984
J.846	1964-1972  Includes Jones's wartime recollections of Bohr including the circumstances surrounding the Bohr-Churchill interview, 3 February 1965.	
J.847	1974-1977  Includes Jones's pre-war reminiscences of the Clarendon Laboratory (draft chapter for his book on the Second World War).	
J.848	1980-1984	
J.849	S. Jones - Josten	1967-1980
<b>J.850-J.863</b>	<b>'Personal - K'</b>	<b>1944-1997</b>
J.850	Kaldor - Kaufmann	1966-1988
J.851	Kearton - Kersten	1966-1992
J.852	Kind - Kingston	1976-1994
J.853	I. Kirschner  Kirschner writes from the Laboratory for Low Temperature Physics, Eötvös Loránd University, Budapest, Hungary.	1975-1984
J.854-J.856	C. Kittel  Kittel was Professor of Physics, University of California, Berkeley, USA.	1961-1997

**Correspondence, J.1-J.1310**

J.854	1961-1979	
J.855	1981-1987	
J.856	1990-1997	
J.857	G. Klipping  Klipping writes from the Fritz-Haber-Institut der Max-Planck-Gesellschaft, Berlin Dahlem, West Germany	1977-1986
J.858	W.D. Knight  Knight was Professor of Physics, University of California, Berkeley, USA.  <i>Re</i> arrangements for sabbatical year 1983-1984 at the Clarendon Laboratory.	1982-1983
J.859	Central Chancery of the Orders of Knighthood - British Kodaly Academy	1977-1991
J.860	Kompfer - Kornberg	1967-1990
J.861	Koruna - Krige	1966-1994
J.862	H. Kronberger  Kronberger was based at the UKAEA, Reactor Group Headquarters, Risley.	1944-1966
J.863	Kugler - Kurzman	1960-1994

**Correspondence, J.1-J.1310**

<b>J.864-J.879</b>	<b>'Personal - L'</b>	<b>1963-1996</b>
J.864	Laasonen - Landsberg	1971-1992
J.865	Language teaching - Larsson	1972-1980
J.866	Laverick - Lax	1974-1987
J.867	Leach - Leigh	1974-1987
J.868	Lerner - Levy	1977-1988
J.869	Lewis - Lide	1970-1996
J.870	Lidice massacre - Little	1963-1992
J.871	Lloyd - Longuet-Higgins	1972-1981
J.872-J.874	O.V. Lounasmaa  Lounasmaa was a Professor in the Department of Technical Physics, Technical University of Helsinki.	1969-1996
J.872	1969-1972	
J.873	1973-1975	
J.874	1977-1996	
J.875	Lovejoy - Lubkin	1978-1992



**Correspondence, J.1-J.1310**

J.876	Lucas - Lynton	1972-1976
J.877-J.879	<p>H. Lustig</p> <p>The earliest correspondence dates from Lustig's period as Fulbright Lecturer at University College Dublin. He was faculty member of the City College of the City University of New York from 1953.</p> <p>Includes papers on solar energy 1971.</p> <p>3 folders.</p>	1965-1980
<b>J.880-J.905</b>	<b>'Personal - M'</b>	<b>1957-1996</b>
J.880	Macartney - MacDonald	1963-1996
J.881	H. McGee	1986-1995
J.882	McIntosh - Macrae	1967-1992
J.883	Maddison - Magyar	1971-1990
J.884	Maier-Leibnitz - Malcolm	1972-1989
J.885	Manning - Marchetti	1965-1990
J.886	Marciano - G. Marshall	1966-1976
J.887, J.888	<p>W.C. Marshall</p> <p>Marshall was a distinguished Harwell physicist who became Chairman of the UKAEA and Chairman of the Central Electricity Generating Board (CEGB).</p>	1974-1996

**Correspondence, J.1-J.1310**

2 folders.

Includes obituaries and related correspondence (J.888).  
Marshall died 20 February 1996.

J.889	Marsham - Marx	1965-1994
J.890	Mason - P. Maxwell	1970-1991
J.891	E. Maxwell	1985-1991
	Includes Kurti's contribution to Festschrift to mark 40th Anniversary of Pergamon Press and Robert Maxwell's 65th birthday (1988).	
J.892-J.893	I.R. Maxwell	1961-1986
	Correspondence and papers <i>re</i> publishing projects, social occasions, etc.	
J.892	1961-1979	
J.893	1983-1986	
	Includes Kurti and his wife's contribution to a volume to mark Maxwell's 60th birthday (1983) and correspondence <i>re</i> S.W. Hawking (1986).	
J.894	M. Mead	1972
	One letter only enclosing 'a somewhat longer article [on communication] for the next meeting'.	
J.895	Meetham - H. Mendelssohn	1963-1992
J.896-J.898	K.A.G. Mendelssohn	1968-1983

**Correspondence, J.1-J.1310**

J.896	1968-1981	
	Includes 'Remarks made by N. Kurti, Chairman of the Low Temperature Group, when presenting the Simon Memorial Prize to K. Mendelssohn', 8 May 1968, appreciation of Mendelssohn (died 18 September 1980) by D.F. Brewer, <i>Physics Bulletin</i> , 1981, and obituary by Kurti for unidentified publication	
J.897	1982-1983	
	Correspondence and papers <i>re</i> 50th anniversary of the first liquefaction of Helium in Britain including drafts of text for memorial plaque.	
	The first liquefaction was carried out by Mendelssohn in the original Clarendon Laboratory, January 1933.	
J.898	1981, 1983, n.d.	
	Includes photograph of Mendelssohn, drafts of article by Kurti on dedication of Helium plaque, papers <i>re</i> Oxford Vaporiser including copy of original 1941 <i>Lancet</i> paper by Mendelssohn and R.B. Mackintosh, etc.	
J.899	Mendoza - Meyer	1965-1993
J.900	Michaelis - Miyazawa	1965-1992
J.901	H.A. Moe	1957-1974
	In 1957 Moe writes from the Office of the Treasurer, Association of American Rhodes Scholars.	
J.902	Monosoff - Moore	1970-1986
J.903	Morrell - Moser	1969-1988

**Correspondence, J.1-J.1310**

J.904	Re H.G.J. Moseley	1982-1994
	Correspondence and papers <i>re</i> centenary of the physicist Moseley's birth in 1987, unveiling of memorial plaque in 1988, etc. See also D.87.	
J.905	Mott - Mutual of Omaha	1966-1977
<b>J.906-J.915</b>	<b>'Personal - N'</b>	<b>1959-1996</b>
J.906	Nabarro - NATO	1970-1993
J.907	<i>Nature</i>	1971-1996
J.908	Neal - Needham	1974-1980
J.909	L. Néel	1959-1980
	1959 papers relate to Oxford Honorary Degree for Néel.	
J.910	Nemeti - Newcastle Polytechnic	1983-1996
J.911	<i>New Scientist</i>	1980-1982
J.912	Newton - Nicol	1971-1979
J.913	W.A. Nierenberg	1961-1990
	In 1961 Nierenberg writes as Scientific Adviser, NATO. He was subsequently Director of the Scripps Institution of Oceanography, La Jolla, California.	
	Includes contribution from Nicholas and Giana Kurti to volume of reminiscences on Nierenberg's 60th birthday (1983).	



**Correspondence, J.1-J.1310**

J.914	Nikitine - Nozieres	1972-1989
J.915	Nunn-Price - Nurick	1980-1983
<b>J.916-J.920</b>	<b>'Personal - O'</b>	<b>1965-1987</b>
J.916	A.F. Oatley  Correspondence <i>re</i> combined gas and electric cookers.  Oatley was Chairman of Cannon Industries Ltd.	1965-1970
J.917	C.H.G. Oldham  Includes Oldham's 'Science and Education in China - discussion paper for University of Chicago China Conference' which drew on personal communications of a number of scientists including Kurti.	1965-1966
J.918	J.L. Olsen  Olsen was based at the ETH Zurich.	1966-1985
J.919	[Mutual of] Omaha Insurance	1976-1979
J.920	'O.P.' - Oxford	1969-1987
<b>J.921-J.937</b>	<b>'Personal - P'</b>	<b>1962-1996</b>
J.921	Pakistan - 'Papers (Comments)'	1974-1985
J.922	P. Parker  Correspondence <i>re</i> British Rail catering.  Parker was Chairman of the British Railways Board.	1978-1980

**Correspondence, J.1-J.1310**

J.923	D.H. Parkinson	1962-1965
	Parkinson was Head of the Physics Group at the Royal Radar Establishment, Malvern.	
J.924	Paton - Pegg	1971-1988
J.925	R.E. Peierls	1980-1987
	Includes copy of press release announcing winners of 1980 Enrico Fermi Award: Peierls and A.M. Weinberg.	
J.926	A.H. Pengelly	1983
	<i>re</i> research on the technical and subjective replication of archival sound from cylinders.	
J.927	Penile - Pezdirtz	1966-1984
J.928	Phillips - Societ� Philomathique de Paris	1974-1987
J.929	Pickard - Pilkington	1974-1996
J.930	Pimental - Pippard	1962-1996
J.931	Poland - [Oxford] Polytechnic	1977-1991
J.932	Porter - Postgate	1963-1987
J.933, J.934	Post Office	1969-1981
	2 folders.	

**Correspondence, J.1-J.1310**

J.935	Pound - Powles	1965-1984
J.936	Price - Pulay	1966-1994
J.937	Purcell - Pyke	1965-1989
<b>J.938-J.963</b>	<b>'Personal - Q and R'</b>	<b>1950-1997</b>
J.938	D. Quate  1 letter only.	1977
J.939	Rachinger - Rao	1974-1988
J.940	Ratcliffe - Rawson	1974-1991
J.941	Re Rayleigh Laboratory	1994-1996
J.942	Redcliffe-Maud - Reynolds	1965-1988
J.943	Rhodes - Riely	1970-1985
J.944	P. Rife  Includes draft by Rife 'Family and Physics: Lise Meitner and her Scientific Circles'.	1986
J.945	Robb-Smith - G. Roberts	1970-1986
J.946	L.E.J. Roberts	1976-1978

**Correspondence, J.1-J.1310**

Roberts was based at AERE Harwell.

Includes 2 photographs.

J.947	Robertson - Robinson	1974-1983
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J.948-J.956	F.N.H. Robinson	1950-1996
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Career and research.

Includes recommendations.

Robinson worked at the Clarendon on low temperatures from 1950. His correspondents include F.E. Simon and B. Bleaney as well as Kurti.

J.948	1950
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J.949	1952-1954
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J.950	1955-1960
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J.951	1965-1969
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J.952	1973-1974
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J.953	1983-1984
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Includes curriculum vitae and list of publications.

J.954	1986-1988
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J.955	1990-1996
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Includes Robinson's tribute to his Clarendon colleague Harry Rosenberg, 26 November 1993 and Kurti's obituary



**Correspondence, J.1-J.1310**

of Robinson for the *Independent*, 27 November 1996.

J.956	1976, 1996, n.d.  Includes photograph of Robinson and obituaries of him by B. Bleaney, Kurti and M. Leask.	
J.957	Roche - Roden	1984-1987
J.958	H. Roderick  Roderick was Slick Professor of World Peace 1982-1983, LBJ School of Public Affairs, Austin, Texas.	1982, 1984
J.959	Rodgers - Rompe	1976-1992
J.960	P. Rosbaud  Only one exchange with Rosbaud who died in 1963.  Other correspondents are biographer of Rosbaud, Arnold Kramish and nephew, V.C. Frank-Steiner.	1962-1997
J.961	Rose - Rotblat	1975-1995
J.962	Rothschild - Roux	1974-1988
J.963	Rowe - Ruty	1971-1983
<b>J.964-J.991</b>	<b>'Personal - S'</b>	<b>1954-1997</b>
J.964	P. Sacher  Sacher was an extremely wealthy musician and musical patron.	1988-1995

**Correspondence, J.1-J.1310**

Includes correspondence *re* Bartok memorial concerts (1995).

J.965	Safrata - Savet	1970-1982
J.966	Schafer - Scott	1964-1983
J.967	R.G. Scurlock  Scurlock made his career in research and teaching in cryogenics at the University of Southampton, becoming Director of the Institute of Cryogenics and Professor of Cryogenic Engineering.	1964-1990
J.968	Seeger - Sekers	1963-1989
J.969	Selby - Sentance	1960-1982
J.970	Series - Shoenberg	1966-1991
J.971	Shtrikman - Silverman	1966-1982
J.972	Simon - Sixsmith	1962-1993
J.973	Slack - Sleath	1963-1983
J.974-J.975	A.U. Smith  Smith was based at the MRC National Institute for Medical Research, Mill Hill.  2 folders.  At J.974 is Smith's memorandum on the need for an MRC Unit for Low Temperature Biology (1966).	1965-1978

**Correspondence, J.1-J.1310**

J.976	R.A. Smith	1970, 1980
	Smith was Principal and Vice-Chancellor, Heriot-Watt University, Edinburgh.	
J.977-J.979	S.S. Smith	1974-1989
	Correspondence and papers <i>re</i> public honour for Smith (died 1989).	
	3 folders.	
	Includes memorial tribute prepared by his widow and brother-in-law (J.979).	
J.980	Society - Somerville	1980-1997
J.981	Soulen - Spicer	1972-1989
J.982	Stanhill - Staub	1982-1987, n.d.
J.983	S. Sternberg	1990-1991
	Sternberg was Chairman of the International Council of Christians and Jews.	
J.984	Stevens - Stevenson	1954-1989
J.985	R. Street	1964-1974
	Street was based at the Department of Physics, Monash University, Clayton, Victoria.	
J.986	Strong - Surrey	1965-1976
J.987	Sutherland - Swenson	1963-1987

**Correspondence, J.1-J.1310**

J.988	Sykes - Szathmary	1957-1987
J.989	G. Szasz  Szasz writes from the General Electric Company, Zürich, Switzerland.	1961-1980
J.990	Re L. Szilard  Correspondence with biographers and others <i>re</i> Szilard.	1984-1997
J.991	Szentágothai - Szilveszter	1965-1994
<b>J.992-J.1006</b>	<b>'Personal - T'</b>	<b>1963-1995</b>
J.992-J.996	P.A.I. Tahourdin  Tahourdin was based at the Clarendon Laboratory, Oxford, 1942-1945 where he was a member of the 'Tube Alloys' (British Atomic Bomb Project) team.  5 folders.  Much of the material relates to questions of credit for the jet method of isotope separation. At J.994 is patent application on the jet method of isotope separation (abandoned 1952) and at J.995 a copy of Oxford Report no.36 'Final report on the Jet Separation Method' by Tahourdin (1946 declassified 1953).	1969-1983
J.997	Tarin - Taylor	1972-1983
J.998	Tebble - Telgedi	1978-1989
J.999	Thatcher - This	1985-1991



**Correspondence, J.1-J.1310**

J.1000	A. Thom	1975-1981
	Thom was Professor of Engineering at Oxford, 1945-1961.	
	Includes transcription of taped interview of Thom recorded 12 July 1980. The interview was carried out by E.G. Forbes at the request of M.M. Gowing with the view of obtaining Thom's reminiscences of the origins of the Oxford Department of Engineering Science.	
J.1001	Thomas - Thurlow	1972-1995
J.1002	Tilbury - Titterton	1970-1984
J.1003	Tobias - Toth	1964-1991
J.1004	Trans World Airlines - Turnbull	1965-1981
J.1005	J.F. Turner	1963-1985
	Turner was Professor of Geology at University of California, Berkeley.	
	Includes discussion (1966) of possible successor to L.R. Wager to Oxford Geology Chair.	
J.1006	Turrell - Tward	1973-1987
J.1007	<b>'Personal - U'</b>	<b>1979-1990</b>
	Ubbelohde - US Embassy	
J.1008-J.1012	<b>'Personal - V'</b>	<b>1958-1996</b>
J.1008	Vaciago - Vamos	1993, 1996

**Correspondence, J.1-J.1310**

J.1009, J.1010	J.H. Van Vleck	1958-1980
	Van Vleck was Professor of Physics, Harvard University and joint winner of the 1977 Nobel Prize for Physics.	
	2 folders.	
	Includes papers <i>re</i> 1958 Oxford honorary degree and <i>Times</i> obituary (1980) written by Kurti and B. Bleaney.	
J.1011	Varoquaux - Verkin	1967-1984
J.1012	Vick - Voice	1966-1994
<b>J.1013-J.1033</b>	<b>'Personal - W'</b>	<b>1957-1995</b>
J.1013	Wade - Walling	1973-1994
J.1014	G. Wansbrough	1969-1971
	Wansbrough writes from Dynalysis Ltd <i>re</i> energy and electricity supply questions.	
J.1015	F. Warner	1983-1987
	Includes 1987 papers <i>re</i> 'Volunteers for Ionising Radiation'.	
J.1016	Warnow - Wechsberg	1970-1988
J.1017	Weck - Weidman	1966-1987
J.1018	L. Weil	1962-1967
	Weil was based at the University of Grenoble where he researched on low temperatures.	

**Correspondence, J.1-J.1310**

J.1019	Weinberg - Westrum	1972-1986
J.1020	<i>Which?</i> magazine - Whitby	1962-1988
J.1021	G.K. White  In 1963 White writes from the National Standards Laboratory - Division of Physics, CSIRO, Chippendale, New South Wales, Australia.	1963-1983
J.1020	White - Wiener	1964-1983
J.1023	Wigner - Williams	1957-1989
J.1024	D.T.N. Williamson  Includes copy of lecture by Williamson on 'The Anachronistic Factory' sent to Kurti, 3 February 1972.	1972-1986
J.1025	Williamson - Wittrick	1970-1995
J.1026	Wohlfarth - Wong	1962-1993
J.1027	A.M. Wood - J. Wood	1961-1982
J.1028-J.1031	M.F. Wood  Wood was Senior Research Officer at the Clarendon Laboratory, 1955-1969 and co-founder of Oxford Instruments.	1957-1986
J.1028	1957	

**Correspondence, J.1-J.1310**

J.1029	1963	
J.1030	1964	
J.1031	1980, 1986	
J.1032	J. Woodfill	1981-1988
J.1033	Woodward - Wyder	1974-1981
<b>J.1034-J.1036</b>	<b>'Personal - X Y Z'</b>	<b>1962-1989</b>
J.1034	Yates - Young Warder	1962-1980
J.1035	Zagon - Zuckerman	1973-1989
J.1036	M.W. Zemansky  In 1964 Zemansky was Professor of Physics at the City College of the City University of New York.	1964-1975
<b>J.1037-J.1190</b>	<b>MISCELLANEOUS SCIENTIFIC AND PERSONAL CORRESPONDENCE</b>	<b>1944-1998</b>
J.1037	1944	
J.1038	1945	
J.1039	1946	



**Correspondence, J.1-J.1310**

J.1040	1947
J.1041	1948
J.1042	1949
J.1043, J.1044	1950
J.1043	February-June
J.1044	September-December
J.1045, J.1046	1951
J.1045	January-April
J.1046	May-December
J.1047	1952
J.1048	1953
J.1049	1955-1956
J.1050	1958-1959
J.1051	1960-1961

**Correspondence, J.1-J.1310**

J.1052	1962-1964
J.1053, J.1054	1965
J.1053	January-June
J.1054	July-December
J.1055-J.1057	1966
J.1055	January-March
J.1056	April-June
J.1057	July-December
J.1058-J.1064	1967
J.1058	January-March
J.1059	April-May
J.1060	June
J.1061	July-August
J.1062	September
J.1063	October

**Correspondence, J.1-J.1310**

J.1064 November-December

J.1065-J.1072 1968

J.1065 January

J.1066 February

J.1067 March

J.1068 April-May

J.1069 June

J.1070 July-September

J.1071 October

J.1072 November-December

J.1073-J.1081 1969

J.1073 January

J.1074 February

J.1075 March

**Correspondence, J.1-J.1310**

J.1076	April
J.1077	May
J.1078	June
J.1079	July
J.1080	August
J.1081	September-December
J.1082-J.1091	1970
J.1082	January-February
J.1083	March
J.1084	April
J.1085	May
J.1086	June
J.1087, J.1088	July 2 folders.
J.1089	August-September



**Correspondence, J.1-J.1310**

J.1090	October
J.1091	November-December
J.1092-J.1096	1971
J.1092	January-March
J.1093	April-May
J.1094	June
J.1095	July-August
J.1096	September-December
J.1097-J.1106	1972
J.1097	January-February
J.1098	March
J.1099	April
J.1100	May
J.1101	June

**Correspondence, J.1-J.1310**

J.1102	July
J.1103	August
J.1104	September
J.1105	October
J.1106	November-December
J.1107-J.1112	1973
J.1107	January
J.1108	February
J.1109	March
J.1110	April-June
J.1111	July-August
J.1112	September-December
J.1113-J.1120	1974
J.1113	January-February
J.1114	March-April

**Correspondence, J.1-J.1310**

J.1115	May-June
J.1116	July-August
J.1117	September-October
J.1118, J.1119	November 2 folders.
J.1120	December
J.1121-J.1124	1975
J.1121	January-April
J.1122	May-July
J.1123	August
J.1124	September, December
J.1125-J.1134	1976
J.1125	January-February
J.1126-J.1128	March 3 folders.

**Correspondence, J.1-J.1310**

J.1129	April
J.1130, J.1131	May 2 folders.
J.1132	June
J.1133	August, October
J.1134	November
J.1135-J.1138	1977
J.1135	March-April
J.1136	June-August
J.1137	September-November
J.1138	December
J.1139, J.1140	1978
J.1139	January-May
J.1140	July-December
J.1141-J.1146	1979



**Correspondence, J.1-J.1310**

J.1141	January-July
J.1142	May
J.1143	August
J.1144	September
J.1145	October-November
J.1146	December
J.1147	1980
J.1148-J.1152	1981
J.1148	January-February
J.1149	March-May
J.1150	June-July
J.1151	August-September
J.1152	October-December
J.1153-J.1156	1982
J.1153	January-February

**Correspondence, J.1-J.1310**

J.1154	March-May
J.1155	July-August
J.1156	October-December
J.1157-J.1159	1983
J.1157	January-March
J.1158	April-June
J.1159	September-December
J.1160-J.1163	1984
J.1160	January-March
J.1161	April-June
J.1162	July-September
J.1163	October-December
J.1164-J.1167	1985
J.1164	January-March
J.1165	April-June

**Correspondence, J.1-J.1310**

J.1166	July-August
J.1167	October-December
J.1168, J.1169	1986
J.1168	January-June
J.1169	July-December
J.1170	1987
J.1171	1988
J.1172, J.1173	1989
J.1172	January-April
J.1173	May-December
J.1174-J.1176	1990
J.1174	January-April
J.1175	May-August
J.1176	September-December
J.1177	1991

**Correspondence, J.1-J.1310**

J.1178, J.1179	1992
J.1178	January-June
J.1179	July-December
J.1180, J.1181	1993
J.1180	January-June
J.1181	July-December
J.1182, J.1183	1994
J.1182	January-April
J.1183	June-December
J.1184	1995
J.1185, J.1186	1996
J.1185	January-June
J.1186	July-December
J.1187	1997
J.1188, J.1189	1998



**Correspondence, J.1-J.1310**

J.1188                      January-March

J.1189                      May-October

J.1190                      N.d.

**J.1191-J.1310                      REFERENCES AND RECOMMENDATIONS                      1956-1998**

Unindexed.

**J.1191-J.1295                      'References'                      1956-1997**

Contents of Kurti's alphabetical sequence of folders of references.

Include appointments, promotions, grant applications, prizes etc.

J.1191-J.1223                      'References A.-G.'                      1959-1994

J.1191                      Ab.                      1974-1980

J.1192                      Al.-Am.                      n.d., 1970,  
1978

J.1193                      Ar.                      1961-1962

J.1194                      As.                      1968-1994

J.1195                      Bag.-Bak.                      1969-1978

**Correspondence, J.1-J.1310**

J.1196	Bal.	1960-1964
J.1197	Barb.	1964
J.1198	Barc.	1976
J.1199	Bi.	1959
J.1200	Bl.	1976
J.1201	Boc.	1959
J.1202	Bol.-Bret.	1981
J.1203	Brew.	1961-1982
J.1204	Bro.-Bu.	1965-1971
J.1205	Cal-Cam	1966-1977
J.1206	Car.	1968-1972
J.1207	Chal.	1969-1974
J.1208	Chap.	1959-1963
J.1209	Cl.-Cr.	1972-1987

**Correspondence, J.1-J.1310**

J.1210	Da-Den.	1959-1962
J.1211	Don. (1)	1974
J.1212	Don. (2)	1965
J.1213	Du.	1977-1985
J.1214	Ed.	1979-1983
J.1215	El.	1968
J.1216	Ev.	1994
J.1217	Ex.	1961-1983
J.1218	Fa.-Fi.	1960-1961
J.1219	Fo-Fr.	1961-1970
J.1220	Gal.	1987
J.1221	Gar.	1969-1970
J.1222	Gol.	1980, 1986
J.1223	Goo.-Gr	1966, 1973

**Correspondence, J.1-J.1310**

J.1124-J.1243	'References H-L'	1956-1995
J.1224	Hah.	1960-1987
J.1225	Hal-Han.	1975-1981
J.1126	Har.	1961
J.1127	Hat.	1971
J.1228	Hen.	1969, 1971, 1995
J.1229	Hew.	n.d.
J.1230	Hil.	1956-1958
J.1231	Hob.	1959-1963
J.1232	Hudson, P.A.  Includes obituaries of Hudson who died in 1983.	1967-1983
J.1233	Hug.	1972-1975
J.1234	Ja.-Je.	1957-1962
J.1235, J.1236	Joh. (1)  2 folders.	1959-1986



**Correspondence, J.1-J.1310**

J.1237	Joh. (2)	1972
J.1238	Jon.	1959, 1968
J.1239	Ka.-Ke.	1960-1965
J.1240, J.1241	Ki. 2 folders	1969-1978
J.1242	Kn.	1959
J.1243	La.-Lu.	n.d., 1976, 1979
J.1244-J.1265A	'References M-R'	1958-1995
J.1244	Ma.	1973
J.1245	Mi.	1959-1965
J.1246	Mo.	1969-1979
J.1247	Na.	1969
J.1248	Ne.	1960
J.1249	Ol.	1978
J.1250	Pa.	1962-1970

**Correspondence, J.1-J.1310**

J.1251	Pe.	1969-1976
J.1252	Ph.	1965-1976
J.1253	Pic.	1992, 1995
J.1254	Pip.	1959
J.1255	Rep.	1961-1980
J.1256	Rey.	1977
J.1257, J.1258	Rh. 2 folders.	1963-1976
J.1259	Ri (1)	1961
J.1260	Ri. (2)	1974
J.1261	Robe.	n.d.
J.1262	Robi.	1958-1987
J.1263	Rog.	1968
J.1264	H. Rosenberg Includes obituaries of Rosenberg who died in 1993.	1977-1993

**Correspondence, J.1-J.1310**

J.1265	Row.	1969
J.1265A	Ru.	1968-1970
J.1266-J.1277	'References S'	1958-1985
J.1266	Sa.	1968, 1977
J.1267-J.1268	Sc. 2 folders.	1959-1985
J.1269	Se.-Sh.	1967, 1969
J.1270	Si.	1974
J.1271	Sm.	1971
J.1272	So.	1981-1982
J.1273	Sp.	1958, 1967
J.1274	Sto.	1968
J.1275	Str.	1964-1973
J.1276	Su.	1971
J.1277	Sy.	1967-1984

**Correspondence, J.1-J.1310**

J.1278-J.1295	'References T-Z'	1959-1997
J.1278	Ta.	1981
J.1279	Ti.	1959
J.1280	Tu.	1987
J.1281	Tw.	1970
J.1282	Wa.	1984-1985
J.1283	We.-Whe.	1960-1980
J.1284	Whi. (1)	1970-1981
J.1285	Whi. (2)	1962
J.1286	Will.	1968-1969
J.1287	Wils. (1)	1965-1984
J.1288	Wils. (2)	1987
J.1289	Wol.	1961-1962
J.1290	Woo.	1983-1997



**Correspondence, J.1-J.1310**

J.1291	Wy.	1964-1973
J.1292-J.1294	Ya.  3 folders.	1968-1982
J.1295	Za.	1990-1997
<b>J.1296-J.1310</b>	<b>Miscellaneous</b>	<b>1961-1998</b>
J.1296, J.1297	'Miscellaneous references'  References so inscribed by Kurti found clipped together.  2 folders	1961-1966
J.1298-J.1310	Miscellaneous references found loose and as part of no organised sequence.  Presented in a single chronological sequence.	1965-1998
J.1298	1965	
J.1299	1967	
J.1300	1970	
J.1301	1972, 1973	
J.1302	1976	

**Correspondence, J.1-J.1310**

J.1303	1981
J.1304	1982
J.1305	1984-1986
J.1306	1990
J.1307-J.1308	1991 2 folders.
J.1309	1995-1998
J.1310	1997-1998

<b>SECTION K</b>	<b>NON-TEXTUAL MEDIA, K.1-K.119</b>	<b>1920s-2007</b>
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K.1-K.20	PHOTOGRAPHS
K.21-K.52	PHOTOGRAPHIC SLIDES
K.53-K.85	CASSETTE AUDIOTAPES
K.86-K.104	FILMS
K.105-K.114	VIDEOTAPES
K.115-K.119	DVDs

<b>K.1-K.20</b>	<b>PHOTOGRAPHS</b>	<b>1920s-1998, n.d.</b>
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K.1-K.13	People
K.14-K.19	Equipment
K.20	Progress of experiments

<b>K.1-K.13</b>	<b>People</b>	<b>1920s-1998, n.d.</b>
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K.1-K.11	Photographs of Kurti	1920s-1998
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K.1	Early photographs	1920s
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Copy of portrait photograph; passport-style photograph of Kurti as young man; Kurti with his sister Hedwig and his mother.

5 pieces.

K.2	'Photographs taken in Franz Simon's house, in Breslau [circa] 1932 [...]'	[1932]
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Feature Simon, Kurti, H. London, K.Mendelssohn and R.

**Non-textual media, K.1-K.119**

Kaischew.

Photocopies only.

- |      |  |           |
|------|--|-----------|
| K.3  | Group photograph of Fellows of Brasenose college<br><br>Annotated on verso.  | 1947x1950 |
| <br> |  |           |
| K.4  | 1950s photographs<br><br>'NK as barman to Clarendon Laboratory Christmas Party 1950s'; at NASA Lewis Research Center 1959; Kurti at blackboard; portrait photograph; informal photograph.<br><br>5 photographs   |           |
| <br> |  |           |
| K.5  | 1960s photographs<br><br>At Monash University 1964; on BBC-TV Horizon programme 'The physicist in the kitchen' 1969.<br><br>2 photographs.   |           |
| <br> |  |           |
| K.6  | 1970s photographs<br><br>Photograph of Kurti in envelope inscribed 'Copy for Forum, postmark 1971; inscribed on verso '1975 With the Coffee Pot, his retiring present from the lab, now at the Royal Institution, copy of Count Rumford's coffee pot'.<br><br>2 photographs.   |           |
| <br> |  |           |
| K.7  | 1980s photographs<br><br>With Sir Peter Hirsch and Sir Hermann Bondi, at 30th anniversary celebration of the establishment of the UKAEA, Royal Society, London, September 1984, with copy of UKAEA newsletter featuring a further picture; photographs of Kurti's 80th birthday party featuring him with E. Hahn and with Martin Wood, 1988. See also A.149.<br><br>Also includes photograph of tree (and inscribed stone) planted by Kurti at Balatonfüred, Hungary, 10 September |           |



# Non-textual media, K.1-K.119

1989 during International Conference on Energy Alternatives Risk Education (G.274). The tree was planted under the auspices of the Eötvös Society and other notable physicists to have planted trees included P.A.M. Dirac, Richard Feynman, Sir Nevil Mott, Rudolf Mössbauer, George Olah, Bruno Pontecorvo, Edward Teller, and E.P. Wigner

6 pieces.

K.8

1990s photographs

Photographs from International Workshop on Molecular and Physical Gastronomy, Erice, Italy, April 1995; receiving medal from Hungarian ambassador in London, December 1996.

Also includes photograph of Brasenose College flag at half mast on the death of Kurti, 25 November 1998.

6 photographs

K.9

In Oxford

N.d.

Includes photographs of Kurti cycling in central Oxford and in front of the Radcliffe Camera with his wife Giana.

7 photographs.

K.10

Social occasions

N.d.

4 photographs.

K.11

Other photographs

N.d.

Includes photograph of Kurti at window of ?Brasenose College, eating egg.

5 photographs.

K.12, K.13

Photographs of others

1994, n.d.

**Non-textual media, K.1-K.119**

K.12	John Szentágothai  With copy of obituary in the <i>Independent</i> , 18 September 1994, Kurti's addition thereto, and other material.	1994, n.d.
K.13	Unidentified occasions and subjects  7 photographs.	N.d.
<b>K.14-K.19</b>	<b>Equipment</b>	<b>1964-1968, n.d.</b>
K.14	Mullard Cryomagnetic Laboratory, Oxford  Photographs of apparatus and workers in the Laboratory.  Identified on verso.  13 photographs.	1964, 1965, 1968
K.15	'20 January 1971'  6 photographs (probably from different institutions) so stamped on verso.  Prepared for use as illustrative figures.	1971
K.16	'Office National des Recherches et Inventiones'  5 photographs so stamped on verso.  2 were prepared for use as illustrative figures.	N.d.
K.17	Identified laboratories and institutions  Teaching laboratory, Középiskola Tanárképző-intézet Gyakorló Gimnázium, Budapest; magnet coil from Clarendon Laboratory; magnet coil of Oxford Instrument Company; UKAEA, 1963.  4 photographs.	N.d., 1963

**Non-textual media, K.1-K.119**

K.18	Other equipment and laboratories 11 photographs.	N.d.
K.19	Individual pieces of apparatus 11 photographs.	N.d.
K.20	<b>Progress of experiments</b>  3 photographs.	N.d.
K.21-K.52	<b>PHOTOGRAPHIC SLIDES</b>	1963-1974, n.d.
	K.21-K.48                      Slides	
	K.49-K.52                      Illustrations for slides	
K.21-K.48	<b>Slides</b>  Kurti's slides for lectures, K.21-K.47 kept in plastic boxes.  A small number of the boxes are inscribed with some indication of the occasion of the lecture but otherwise very few of the contents of these boxes can be readily identified.  The contents of the boxes are generally very mixed and may include slides of illustrative graphs and tables, historical and current equipment, eminent physicists, and drawings.	1963-1974, n.d.
K.21	'USA NZ Aus'  Probably relate to Kurti's Sabbatical trip 1963-1964.	1963-1964
K.22	'R.I. Gen.' and 'Royal Institution lect 1969'	1969

**Non-textual media, K.1-K.119**

K.23	<p>'For Grenoble Lecture'</p> <p>Possibly to illustrate 'High Magnetic Fields and Their Applications', lecture first given at Nottingham, September 1969, but also at Grenoble.</p>	?1969
K.24	<p>'Equipartition of En. Boys on ramp'</p>	N.d.
K.25	<p>'Reading [illegible] 1974'</p>	1974
K.26	<p>'Clarendon Lecture'</p>	N.d.
K.27	<p>'Cumberland'</p>	N.d.
K.28	<p>'Motors Trains Power'</p>	N.d.
K.29	<p>Eminent Clarendon scientists</p>	N.d.
K.30	<p>Energy storage</p>	N.d.
K.31	<p>Various people</p>	N.d.
K.32	<p>Letter from William Thomson (Baron Kelvin)</p>	N.d.
K.33, K.34	<p>?For lectures on art and physics</p> <p>2 boxes.</p>	N.d.
K.35	<p>Visit of students of the Ecole Polytechnique to Oxford</p> <p>See also B.295-B.297.</p>	1974



**Non-textual media, K.1-K.119**

K.36-K.47	Untitled and miscellaneous boxes of slides  12 boxes.	N.d.
K.48	Three slides on Combined Heat and Power  In plastic wallet.	N.d.
<b>K.49-K.52</b>	<b>Illustrations for slides</b>	<b>N.d.</b>
K.49	'For new slides'  Contents of Kurti's envelope so inscribed: five cardboard mounted figures.	N.d.
K.50	Contents of Kurti's folder  Two colour card figures (in French).	N.d.
K.51	Contents of Kurti's envelope  Three illustrations of cryogenic freezing of humans.	N.d.
K.52	Contents of Kurti's photographic envelope  Eight illustrations on refrigeration.	N.d.
<b>K.53-K.85</b>	<b>CASSETTE AUDIOTAPES</b>	<b>1981-1996, n.d.</b>
K.53	'Quirks and Quarks', Canadian Radio science programme, 26 December 1981  Ampex 90 tape.  Kurti spoke on 'Reverse Baked Alaska'.  The tape includes other features from the programme.	1981

**Non-textual media, K.1-K.119**

- |           |  |      |
|-----------|--|------|
| K.54      | <p>'Life in the Old and New Clarendon Laboratory', talk 29 June 1982</p> <p>TDK M C90 tape.</p>  | 1982 |
| <br>      |  |      |
| K.55      | <p>Interview on 'Britain and the Refugee Crisis: 1933-1947' conducted by M.A. Brooks, Imperial War Museum, London, 1 November 1982</p> <p>EMI XT C60 tape.</p> <p>For transcript of interview see A.21.</p>  | 1982 |
| <br>      |  |      |
| K.56      | <p>Interview on '50 years in Oxford' with I. Smith for Oxford Times, 1983</p> <p>Boots C90 tape.</p>   | 1983 |
| <br>      |  |      |
| K.57-K.59 | <p>Discussion at conclusion of Conference on Coal as an Energy Source, Budapest, Hungary, 30 May 1984</p> <p>1 AGFA FEI-S 90 tape (K.57).</p> <p>2 AGFA FEI-S 60 tapes (K.58, K.59).</p> <p>See also G.241-G.247.</p>                                    | 1984 |
| <br>      |  |      |
| K.60      | <p>Australian National University Public Lecture on Science &amp; Technology, 23 October 1986</p> <p>IRU C90 tape.</p> <p>This lecture was given during Kurti's trip to the US, Australia and New Zealand, September-November 1986, see G.259-G.262.</p> | 1986 |
| <br>      |  |      |
| K.61      | <p>Oxford Reminiscences 1933-1987, talk to Oxford Hungarian Society, Brasenose College Oxford, 4 May 1987</p> <p>LH 90 tape.</p>   | 1987 |

**Non-textual media, K.1-K.119**

K.62	Kurti's reminiscences on life and background, talk to Oxford Hungarian Society, Brasenose College Oxford  Maxell UL90 tape.	?1988
K.63	Kurti's reminiscences on life 1914-1939, talk to Oxford Hungarian Society, Brasenose College Oxford  Boots FI90 tape.	N.d.
K.64	BBC Radio 4 programme Science Now, 2 December 1989  TDK AR60 tape.  Kurti spoke on alcohol in cooking.	1989
K.65	'Friends and Foes of the Pleasures of Eating', Royal Institution Friday Evening Discourse, May 1990  TDK D120 tape.  Tape also includes 'Table Talk' with Leslie Forbes and Farm Hall Drama.  See also F.156, F.157.	1990
K.66	Interview by Mary Small with Raymond Blanc and Kurti, October 1991  TDK SA90 tape.	1991
K.67	Kurti discussing the British atomic bomb project  TDK SA90 tape.  Also labelled 'Archive # 91'.	1991
K.69, K.70	Discussions etc during International Workshop on Molecular and Physical Gastronomy, Erice, Italy, August 1992  Maxell XLII 60 tape (K.69) and Maxell UR90 tape (K.70).	1992  /...

**Non-textual media, K.1-K.119**

/...	See also G.296-G.317.	
K.71, K.72	<p>From BBC Radio 3 Table Talk programme, 25 December 1993</p> <p>Supertape Gold Plus 60 (K.71) and Agfa F-DXI 90 tape (K.72) .</p> <p>The Kurtis contributed to a feature on Roasting.</p>	1993
K.73	<p>Kurti's introduction and other contributions to International Workshop on Molecular and Physical Gastronomy, Erice, Italy, April 1995</p> <p>Sony HF90 tape.</p> <p>See also G.329-G.345, K.8.</p>	1995
K.74	<p>Kurti's contribution and closing ceremony of 21st International Conference on Low Temperature Physics, Prague, Czech Republic, August 1996</p> <p>TDK AD90 tape.</p> <p>See also G.350-G.353.</p>	1996
K.75-K.79	<p>Discussions, possibly at Maison Français Oxford, on French language and culture.</p> <p>Five Sony BHF120 tapes.</p> <p>Mostly in French. Sides A of tapes 4 and 5 feature contributions by Kurti.</p>	N.d.
K.80	<p>Interview with Kurti for Quebec Radio programme 'Tout en Français'</p> <p>Compact Cassette C60 tape.</p> <p>In French.</p>	N.d.



**Non-textual media, K.1-K.119**

K.81, K.82	?BBC French language programme on Science of Cookery  Two EMI XT C60 tapes.  In French.	?1982
K.83, K.84	Interview with Kurti on his life and experiences  Two TDK D90 tapes.	N.d.
K.85	Kurti playing piano, singing, talking  Sony HF-S60 tape.  In Hungarian.	N.d.
K.86-K.104	<b>FILMS</b>  All but K.104 are 16mm films.  Also includes associated material: correspondence, scripts, photographs.  See also F.248-F.276.	<b>1960-c.1969, 2007, n.d.</b>
K.86-K.91	'Absolute Zero', BBC TV Eye on Research, 5th series programme 7, broadcast 17 May 1960  See also F.258, F.259.	1960, 2007
K.86	Metal reel and container, labelled with details  Monochrome, with sound. c. 30 minutes.  Features Kurti, his colleague M.A. Grace, the presenter Raymond Baxter and Kurti's research assistant.	1960
K.87	Metal reel, no container  Monochrome, with sound. Incomplete c. 8 minutes.	1960

**Non-textual media, K.1-K.119**

K.88	Metal reel and container  Monochrome, with sound. Incomplete c. 18 minutes.	1960
K.89	Card reel and metal container  Faulty film. Appears to be part of 'Absolute Zero'.	1960
K.90	Correspondence with viewers arising from programme  Also photograph of stills.	1960
K.91	DVD copy of 'Absolute Zero'  Made at the University of Bath for this archive, 2007.	2007
K.92-K.93	'Superconducting magnets', Argonne National Laboratory film  See also J.131.  Does not feature Kurti.	1966, 1967, 2008
K.92	Metal reel, brown plastic container  Polychrome, with sound. c. 12 minutes.	1966
K.92A	Exchange of letters <i>re</i> copy of film sent to Kurti	1966, 1967
K.93	DVD copy of 'Superconducting magnets'  Made at the University of Bath for this archive, 2007.	2007
K.94, K.95	'Cherwell seq[ui]ence', BBC TV  Metal reel, no container. c. 3 minutes.  Monochrome, no sound.	c. 1969, 1986   /...

**Non-textual media, K.1-K.119**

/... An explanatory note by Kurti (1986, K.95), explains that this film sequence was made for but not used in a BBC TV Horizon programme, 'The Lindemann Enigma'. The Lindemann film was made around 1969 and broadcast 29 March 1971. Kurti is featured in the sequence.

K.96-K.99 'Cold', BBC TV Eurovision film 1960s

K.96 Metal reel, metal container  
  
Monochrome, with sound (music and sound effects). c. 16 minutes.

Kurti is listed among three demonstrators but we do not see him. The others are A.J. Croft and F.N.H. Robinson.

K.97 Scripts  
  
Commentary for voice-over.  
  
Two in English, one in German.

K.98 Other typescripts  
  
Appear to relate to sound film on resuscitation of hypothermic, supercooled and frozen animals featuring Dr Andjus, J.E. Lovelock, A.U. Smith, and A.S. Parkes (introduction); German language translation of A.U. Smith's commentary on the 'hamster sequence'.

K.99 DVD copy of 'Cold' 2007  
  
Made at the University of Bath for this archive, 2007.

K.100 Film sequences N.d.  
  
Plastic reel, plastic container.  
  
Polychrome, no sound.  
  
With manuscript note '1. Jelly in fresh and tinned pineapple juice 2. Vacuum meringue'.

**Non-textual media, K.1-K.119**

K.101	<p>'Energy storage in superconductors'</p> <p>Metal reel, no container.</p> <p>Polychrome, no sound. c. 3 minutes.</p> <p>Film damaged.</p> <p>Kurti features.</p>	N.d.
K.102	<p>Millbank Films Ltd film 'Very low temperatures'</p> <p>Plastic reel, plastic container.</p> <p>The reel is inscribed 'Liq[uid] He[lium] Supercond[uctivity]'.</p> <p>Monochrome. No sound. c. 3 minutes.</p> <p>Kurti does not feature.</p>	N.d.
K.103	<p>Associated Rediffusion TV film 'Floating magnet and transport of helium 2'</p> <p>Metal reel, metal container.</p> <p>Monochrome, no sound. c. 3 minutes.</p> <p>Does not feature Kurti.</p>	N.d.
K.104	<p>6mm Hungarian film 'Nyugatnémet alapanyagból' [?West German ?] 'Ezermester' [?Fixer]</p> <p>Plastic reel, card container.</p>	post 1975
<b>K.105-K.114</b>	<b>VIDEOTAPES</b>	<b>1982-1994, 2007</b>
K.105-K.108	Betamax videos (three videos)	1982, 2007
K.105	'The Proof of the Pudding', in QED series on BBC1 TV, broadcast 20 April 1982	1982



**Non-textual media, K.1-K.119**

	<p>Tape is also labelled '1'.</p> <p>Sony Dynamicron L-125 tape.</p>	
K.106	<p>'Material filmed by BBC for Proof of the Pudding Programme'</p> <p>The material is 'a) Lecturing in Paris' and '2) At 38 Blandford Avenue Oxford'.</p> <p>Tape is also labelled '2'. The box is inscribed 'Wrong size'.</p> <p>Sony Dynamicron L-500 tape.</p>	1982
K.107	<p>Untitled</p> <p>Tape is labelled '3'.</p> <p>TDK Super Avilyn L-500 tape.</p>	
K.108	<p>DVD copy of 'The Proof of the Pudding' and unused film material (K.105, ?K.106)</p> <p>Made by AFX Audiovisual Services, Stafford, for the family, 2007</p>	2007
K.109, K.110	<p>'Chapeau melon et blouses blanches', French TV 'Horizons' programme</p>	N.d.
K.109	<p>Fuji Beridox KCA-60 tape.</p> <p>Polychrome. 50 minutes.</p>	
K.110	<p>Fuji Super SHG VHS tape.</p>	
K.111-K.114	<p>'Blanc Mange', BBC TV Continuing Education series</p> <p>Originally to be titled 'Fire Burn and Cauldron Bubble', the series was produced by G. Auckland and revolved around the celebrity chef Raymond Blanc. Kurti acted as one of</p>	1994

**Non-textual media, K.1-K.119**

the scientific advisors and in one episode could be seen cycling to Blanc's gourmet restaurant Le Manoir aux Quat' Saisons near Oxford. Another advisor was the French science editor Hervé This. The series was broadcast in six episodes starting in September 1994, also the publication date of the book (see E.184-E.223).

K.111                      Programme one, 'A fuller flavour'  
  
BBC VHS 'Viewing Tape'.

K.112                      Programme four, 'You are what you eat'  
  
Maxell General purpose VHS tape.

K.113                      Programme five, 'Something in the air'  
  
Maxell General purpose VHS tape.

K.114                      Programme six, 'Forbidden fruit'  
  
Maxell General purpose VHS tape.

**K.115-K.119                      DVDs    1992-1999**

K.115                      'Rudolph [sic] Peierls interviewed by Nicholas Kurti', 21 July 1992                      1992  
  
Sony DVD-R.

K.116                      'Nicholas Kurti Light-hearted Reminiscences, 1914-39', 23 January 1995                      1995  
  
Sony DVD-R.

K.117                      'Nicholas Kurti interviewed by Bobby Berman', 27 August 1996                      1996

**Non-textual media, K.1-K.119**

Sony DVD-R.

K.118	'Nicholas Kurti 90th birthday celebration', 10 October 1998 Sony DVD-R.	1998
K.119	'A celebration of Nicholas Kurti (1908-1998)', 27 March 1999 Sony DVD-R.	1999

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Catalogue of the papers and correspondence of  
**Nicholas Kurti, FRS (1908-1998)**

**VOLUME 4**

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By Anna-K. Mayer, Peter Harper and Timothy E. Powell  
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