

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

VOLUME 1

Introduction

Section A: Biographical

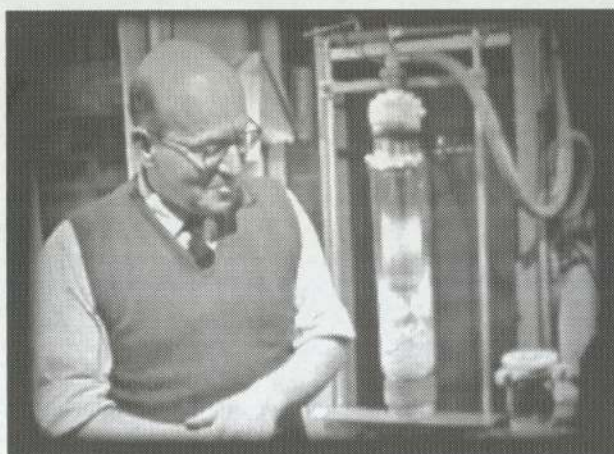
Section B: University of Oxford

Section C: Research

Section D: Science-related interests

Section E: Publications

Section F: Lectures and broadcasts



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

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

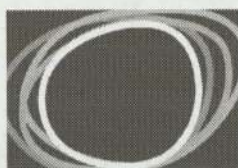
Deposited in: The Bodleian Library, Oxford

Reference: GB 0161 N. Kurti papers

© 2008 National Cataloguing Unit for the Archives of Contemporary Scientists, University of Bath

NCUACS catalogue no. 165/8/08

The work of the National Cataloguing Unit for the
Archives of Contemporary Scientists in the
production of this catalogue is made possible
by the support of the



Arts & Humanities
Research Council

NOT ALL THE MATERIAL IN THIS COLLECTION
MAY YET BE AVAILABLE FOR CONSULTATION.
ENQUIRIES SHOULD BE ADDRESSED IN THE
FIRST INSTANCE TO:

HEAD OF WESTERN MANUSCRIPTS
THE BODLEIAN LIBRARY
OXFORD OX1 3BG

LIST OF CONTENTS

	Items	Page
GENERAL INTRODUCTION		5
SECTION A	BIOGRAPHICAL	A.1-A.286
		12
SECTION B	UNIVERSITY OF OXFORD	B.1-B.308
		36
SECTION C	RESEARCH	C.1-C.149
		57
SECTION D	SCIENCE-RELATED INTERESTS	D.1-D.115
		74
SECTION E	PUBLICATIONS	E.1-E.440
		90
SECTION F	LECTURES	F.1-F.276
		127
SECTION G	VISITS AND CONFERENCES	G.1-G.376
		148
SECTION H	SOCIETIES AND ORGANISATIONS	H.1-H.992
		185
SECTION J	CORRESPONDENCE	J.1-J.1310
		293
SECTION K	NON-TEXTUAL MEDIA	K.1-K.115
		422
INDEX OF CORRESPONDENTS		439

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 ('Treford 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 Wiegner (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.'¹ 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.'²

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

¹ DNB, vol. 32 (2004).

² 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

SECTION A	BIOGRAPHICAL, A.1-A.286	1891-2007
------------------	--------------------------------	------------------

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

A.1-A.10	OBITUARIES AND TRIBUTES	1998-2006
-----------------	--------------------------------	------------------

A.1	<p><i>The Times</i>, 27 November 1998</p> <p><i>The Independent</i>, 27 November 1998. By M.J.M. Leask</p> <p><i>The Guardian</i>, 28 November 1998. By Anthony Tucker</p> <p><i>Daily Telegraph</i>, 4 December 1998</p>	1998
A.2	<p><i>Nature</i>, 17 December 1998. By W. Graham Richards</p> <p><i>Physics World</i>, February 1999. By John Sanders</p> <p><i>Beyond the Terrace</i>, The Newsletter of the RS Pensioners' Association, April/May 1999</p>	1998, 1999
A.3	<p><i>Bulletin de la S.F.P.</i> (119) mai 1999. By Hervé This</p> <p><i>Physics World</i>, June 1999. By Ralph Scurlock</p> <p>[Oxford] Gazette, n.d.</p>	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 re 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, re arrangements for opening. Also enclosed draft statutes re 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
A.11-A.35	AUTOBIOGRAPHICAL AND BIOGRAPHICAL	c.1957-1999
A.11	Curriculum vitae and 'Main lines of scientific work', list of publications and list of research students	c.1957, c.1961, n.d.
A.12-A.18	Autobiographical writings 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 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 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 re 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	
A.36-A.108	DIARIES AND JOTTERS	1949-1997
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.

A.109-A.150

EDUCATION, CAREER, HONOURS AND AWARDS

1920-1998

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'

1926

First page of notes dated 'Lundi le 29 novembre [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'. | |
|
 | | |
| 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'. | |
|
 | | |
| 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. | |
|
 | | |
| 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. | |
|
 | | |
| 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. | |
|
 | | |
| A.114 | 'Faculté des Sciences de L'Université de Paris Travaux Pratiques de Chimie Générale Analyse Qualitative' | 1926 |
| | Printed paper. | |
|
 | | |
| A.115 | 'Paris 1926-27 Notes for Practicals 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 par A. Tétrel</i>	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 par A. Tétrel</i>	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' Inaugural-Dissertation zur Erlangung der Doktorwürde genehmigt von der Philosophischen Fakultät der Friedrich-Wilhelms-Universität zu Berlin von Nikolaus Kürti aus Budapest. 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	1949-1959
	Correspondence and papers including Kurti's reports on periods of his Demonstratorship.	
A.125	Appointment as Consultant to the Industrial Group of the UK Atomic Energy Authority	1958
A.126	Readership, Oxford University	1959-1967
	Kurti was appointed to a Readership in 1960 for a period of seven years.	
	Papers include Kurti's report on his Readership, February 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	1966-1968
	Kurti was created a 'Schedule A Professorship ad hominem' in 1967.	
	Includes letters of congratulation. Unindexed.	
A.130	Foreign Honorary Member, American Academy of Arts and Sciences	1968
A.131	Honorary Member, Hungarian Academy of Sciences	1970-1998
	Kurti was elected Honorary Member of the Academy in 1970.	
A.132-A.145	CBE	1973
	Letters of congratulation.	

/...

Biographical, A.1-A.286

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

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	
A.211-A.286	MISCELLANEOUS BIOGRAPHICAL ITEMS	1932-2007
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 'Theatre Programmes Komische Oper [Berlin] & 3penny Opera [Oxford Playhouse]' 1959-1989

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.

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.

A.221-A.244 'Old engagements (menus etc)' 1951-1997

Contents of envelope so inscribed.

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.

A.221-A.227 1950s
7 folders.

A.228-A.235 1960s
8 folders.

A.236-A.238 1970s
3 folders.

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.1-B.5	CENTRAL ADMINISTRATION	1956-1995
----------------	-------------------------------	------------------

B.1-B.4	'Oxford University - Registry'	1956-1995
	Contents of folder so inscribed	

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	1962-1970
	Includes papers <i>re</i> visit of Thomas J. Watson, Chairman of the Board International Business Machines Corporation, to the University, 1969.	

B.4	Miscellaneous papers	1989-1995
-----	----------------------	-----------

B.5	Correspondence with Registry and Vice-Chancellor	1967-1985
	Found loose.	

B.6-B.191	DEPARTMENT OF PHYSICS/CLARENDON LABORATORY	1945-1997
------------------	---	------------------

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.6-B.18 Equipment and facilities 1960-1992

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.19-B.42	Research funding and reports	1962-c.1981
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.43-B.76	Researchers 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.	1950-1975

University of Oxford, B.1-B.308

B.43-B.68	'Researchers - Past'	1950-1973
	Contents of folder so inscribed.	
	Correspondence and papers.	
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.77-B.103	Visitors 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.	1961-1997
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 Re visit of President of Hungarian Academy of Sciences, J. Szentágothai and others.	
B.103	Correspondence and papers	1993-1997
B.104-B.179	Teaching	1945-1984

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>'Thermodyn[amics]'</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>'Thermody[namics]'</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'. | |
| 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. | |
| 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. | |
| 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 & 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>Cherwell-Simon Memorial Lecture</p> <p>Correspondence and papers <i>re</i> establishment and arrangements.</p> <p>4 folders.</p>	1957-1997
B.184-B.186	<p>Clarendon Kitchen Committee</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.187-B.191	Miscellaneous	1963-1997
--------------------	----------------------	------------------

Correspondence and papers.

B.187	1963-1966
-------	-----------

B.188	1967-1969
-------	-----------

B.189	1970-1976
-------	-----------

B.190	1980-1988
-------	-----------

B.191	1995-1997
-------	-----------

B.192-B.210	BRASENOSE COLLEGE	1945-1998
--------------------	--------------------------	------------------

B.192-B.202	General correspondence and papers	?1950 - 1998
-------------	-----------------------------------	--------------

Topics include building projects, catering, heating and honorary and visiting fellowships.

Kurti's correspondents include College Principals and Bursars.

B.192	?1950-1959
-------	------------

The earliest item is draft of speech by Kurti proposing the toast 'to our guests' at a Brasenose occasion.

B.193	1961-1962
-------	-----------

B.194	1963-1965
-------	-----------

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' Correspondence and papers <i>re</i> College business including papers by Kurti on heating systems for College buildings and visiting fellowships.	1945-1983, n.d.
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	<p>'Brasenose Feasts etc.'</p> <p>Contents of folder so inscribed divided into two for ease of reference: includes guest lists, menus and table plans.</p>	1963-1970
B.210	<p>'Fellows Christmas Dinner 7 Dec 1974 4 Dec. 1982'</p> <p>Contents of envelope so inscribed: menus and seating plans.</p>	1974, 1982
B.211-B.293	<p>MANAGEMENT COMMITTEE FOR VISITING GRADUATE STUDENTS AND POSTDOCTORAL SCHOLARS FROM CENTRAL AND EASTERN EUROPE (SOROS/FCO SCHOLARS)</p> <p>Correspondence and papers.</p> <p>Including minutes of meetings, applications, assessments of candidates and supervisors' reports on progress.</p> <p>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.</p> <p>Kurti was a member of the Management Committee (whose title varied over time) and took part in the interviewing of candidates.</p>	1986-1997, n.d.
B.211	1986	
B.212	<p>1987</p> <p>Includes minutes of third meeting, 27 January at which it was agreed to co-opt Kurti.</p>	

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.306-B.308	MISCELLANEOUS OXFORD-BASED ORGANISATIONS	1964-1993
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

SECTION C	RESEARCH, C.1-C.149	c.1931-1987
------------------	----------------------------	--------------------

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	

C.1-C.54	NOTEBOOKS	1932-1987
-----------------	------------------	------------------

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	<p>Labelled 'Kurti Clarendon Lab XIII' on front cover</p> <p>Paginated 1-175.</p> <p>Entries run from 'Febr. 12th [1936]' to '27.3.36'.</p> <p>Predominantly in German.</p> <p>Loose papers enclosed.</p>	1936
C.20	<p>Labelled 'XIV' on spine</p> <p>Paginated 1-139.</p> <p>Entries run from '27.3.36'.</p> <p>In German and English.</p> <p>Loose papers enclosed.</p>	1936
C.21	<p>Labelled on spine and front cover 'XV'</p> <p>Paginated 1-167.</p> <p>Entries run from '27.4.36' to 'Aug 1 [1936]'</p> <p>Predominantly in German.</p> <p>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.</p>	1936
C.22	<p>Labelled on spine and front cover 'XVI'</p> <p>Paginated 1-153.</p> <p>Entries run from 'Sept 23rd [1936]' to 'Nov.10 [1936]'</p> <p>In German and English.</p>	1936
C.23	<p>Labelled on spine and inscribed on first page 'XVII'</p> <p>Paginated 1-141.</p> <p>Entries run from 'Nov. 17. 1936' to 'Dez 15 [1936]'</p>	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. | |
|
 | | |
| 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. | |
|
 | | |
| 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. | |
|
 | | |
| 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. | |
|
 | | |
| 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' 1938
Lacks covers.
Paginated 1-165.
Entries run from 'Sept 29th [1938]'.
- C.34 Memoranda or Minute Book inscribed on front cover 'Kurti 1939-1940
Clarendon Laboratory XXVIII'
Entries run from 'April 25th [1939]'. Last dated entry 'April 17th 1940'.
Much loose material at front.
- C.35-C.38 Numbered series of hardback notebooks I-IV 1940-1942
C.36-C.38 are foolscap size notebooks.
- C.35 Labelled 'No.1' on front cover and inscribed inside front 1940
cover 'Expts - good results start page 55'
Paginated 1-87.
Entries run from 17 November to 6 December 1940.
- C.36 Labelled on front cover '1940 II' 1940-1941
Paginated 1-145.
Entries run from 6 December 1940. Last dated entry 'Nov 13th [1941]'.
Loose papers enclosed.
- C.37 Labelled on front cover 'III Nov.14 No Year' 1941-1942
Paginated 1-151.
Entries run from 'Nov 14th [1941]'. Last dated entry 'March

Research, C.1-C.149

19th [1942]'.
Loose papers enclosed.

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

Research, C.1-C.149

Contents list on first page.

Loose papers enclosed.

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

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	?Used on visit to USA	early 1940s
	Lacks covers.	

Latest bibliographical reference 1945.

C.54	Pages torn from jotter	1941, 1943
	Research notes, bibliographical references.	
	Includes notes headed 'Oct 28th 1941' and 'Jan 11 1943'.	

C.55-C.123	RESEARCH FOLDERS	1943-1977
-------------------	-------------------------	------------------

C.55-C.59	'Pirani (Tube All[oys])'	1943-1945
	Contents of folder so inscribed divided into five for ease of reference: notes, reports, data, etc	
	Relates to Pirani gauges, development of the hydrogen Pirani leak detection technique, separation tests on membrane samples, etc.	

C.60, C.61	'Gen. L[ow].T[emperatures].'	1949-1955
	Contents of folder so inscribed divided into two for ease of reference: typescript and duplicated typescript notes and drafts, data, offprints.	
	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.	

C.62, C.63	'Notes and drafts on Mag[netic]. Cooling'	c.1951, ?1972
	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'.	

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 re 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 re 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 re 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.
C.124-C.137	MISCELLANEOUS NOTES AND DRAFTS	1932-1977, n.d.
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.
C.138-C.149	BACKGROUND PAPERS	c.1931- c.1976, n.d.
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 |
| C.140 | <p>Papers found enclosed at back of C.139</p> | 1932, n.d. |
| 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 |
| C.142 | <p>Technical drawings</p> | 1947, n.d. |
| 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,
n.d. |

SECTION D	SCIENCE-RELATED INTERESTS, D.1-D.115	1880, 1931-1998
------------------	---	------------------------

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

D.1-D.11	CRYOBIOLOGY	1952-1997
-----------------	--------------------	------------------

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.
------	--------------------	---------------------

D.12-D.44	ENERGY	1953-1996
------------------	---------------	------------------

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.

D.12, D.13	Coal	1974-1980
-------------------	-------------	------------------

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.

D.14-D.18	Combined Heat and Power	1974-1995
------------------	--------------------------------	------------------

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
------	---	------

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

D.14A	Correspondence	1975-1980
	Includes correspondence with Cassels, Peter Rost MP and seminar on CHP to All Party Group for Energy Studies for 1981.	
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	1983-1995
	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.	
D.18	Miscellaneous background material	1977-1985
D.19-D.22	Fly-wheel	1989-1996
	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.	
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

D.23-D.25	Gas	1965-1969
------------------	------------	------------------

Contents of Kurti's folder so labelled: correspondence and papers on gas transport and storage.

Includes correspondence with Sir Henry Jones and Sir Kenneth Hutchison of the Gas Council; letters to *The Times* by Kurti, 27 January 1966 and 17 May 1967.

3 folders.

D.26-D.34	Heat pumps	1970-1983
------------------	-------------------	------------------

Contents of Kurti's folder.

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.

See also H.425, H.428.

D.26	Correspondence with P.M.S. Blackett <i>re</i> heat flow-meter	1970
------	---	------

D.27	Correspondence and papers	1974-1975
------	---------------------------	-----------

Includes Kurti's letters to *The Times* on heat pumps, 19 November and 5 December 1974; 'Report on discussions in Copenhagen on 11-12 December 1975' on heat meters.

D.28	Correspondence and papers <i>re</i> Nuffield College heat pump	1976
------	--	------

Includes meeting at Nuffield, 29 March, and Kurti's 'Notes on Nuffield College heating' and 'Note on some heat-pump work in France'.

D.29	Papers for meetings on heat pumps	1976
------	-----------------------------------	------

Combined Heat and Power Group Discussion on Heat Pumps, London, 20 April; UK Heat Pump Workshop, Lincoln College Oxford, 30 June-2 July.

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	Insulation 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.	1953-1972
D.37	Nuclear power Chiefly printed material, including 1982 report of Study Group on Pressurised Water Reactor Pressure Vessel Integrity.	1972-1989
D.38	Oil Miscellaneous material. Includes Kurti's letter to <i>The</i>	1973

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, <i>Physicists Look Back: Studies in the History of Physics</i> (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	1993
	Includes draft of Frank's Foreword, with Kurti's manuscript corrections, and reviews, including that by Kurti in <i>Nature</i> , 8 July 1993.	
D.55	Historical material	1943, 1945
	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.	
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	mid 1990s
	4 folders.	
D.61, D.62	Miscellaneous printed and typescript papers	1990s
	2 folders.	
	D.61 includes material by Kurti.	
D.63, D.64	Newspaper cuttings, including historical articles and book reviews	1987-1993
	2 folders.	
	D.64 is German-language material.	

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

D.65-D.69	Hungarian emigre scientists	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>Clarendon Laboratory, Oxford</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>Low temperature physics</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>Superconductivity</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	'Nullius in verba'	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
D.76-D.90	Individual scientists	1963-1993
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
D.91-D.98	Correspondence with historians of science	1963-1998
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
D.104, D.105	Miscellaneous material	1931-1977, n.d.
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.
D.106-D.109	POLLUTION	1972-1975
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

D.110-D.113	SALMONELLA	1988-1997
-------------	-------------------	------------------

Correspondence and papers on salmonella and methods of cooking eggs.

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.

D.110	1988
-------	------

Includes letters to the *Observer* and *Independent*.

D.111	1989
-------	------

Includes papers *re Sunday Express Magazine* Workshop on Eggs, 19 July, and newspaper cuttings.

D.112	1990
-------	------

Chiefly correspondence with T.J. Humphrey, Principal Microbiologist of the Public Health Laboratory Service.

D.113	1991, 1993, 1997
-------	------------------

D.114, D.115	UNIVERSITY-INDUSTRY RELATIONS	1962-1985
--------------	--------------------------------------	------------------

D.114	Miscellaneous correspondence	1967-1968, 1985
-------	------------------------------	--------------------

D.115	Background material	1962, 1967, 1968
-------	---------------------	---------------------

SECTION E	PUBLICATIONS, E.1-E.440	1911-1998
------------------	--------------------------------	------------------

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

E.1-E.236	DRAFTS	1911, 1956-1997, n.d.
------------------	---------------	------------------------------

E.1	'Notes on nuclear cooling'	1956, n.d.
-----	----------------------------	------------

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
---------	---	-----------

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 | 'Simon Memorial Prize 1970', <i>Physics Bulletin</i> 21 (1970), 418 | 1970x1971 |
| | Proofs and 1 monochrome photographic reproduction, showing the award ceremony. | |
| | The Simon Memorial Prize was named after Kurti's teacher and mentor Sir Francis Simon. In 1970 the prize went to W. Meissner. | |
| E.32-E.38 | 'Simon, Sir Francis (Franz) Eugen (1893-1956)', <i>Dictionary of National Biography</i> vol. 1951-1960 (1971), 890-892 | 1928-1971 |
| E.32 | Article | 1961-1968 |
| | Copy of original article, typescript and correspondence with Oxford University Press; print-out (2007) of revised entry. | |
| E.33-E.38 | 'Simon-file' | 1928-1962, n.d. |
| | Contents of a folder so inscribed. | |
| E.33-E.36 | Correspondence | 1946-1962 |
| | 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. | |
| | 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. | |
| | 4 folders. | |
| | Kurti's teacher and mentor F.E. Simon died unexpectedly in October 1956. Kurti helped orchestrate the ensuing | |

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	Miscellaneous Loose material, including a monochrome photograph of F.E. Simon and typescript of his CV, dated 1928. 2 folders.	1928, 1958, n.d.
E.39	'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 Set of proofs (including chronological table) and correspondence with the publishers, Mullard Ltd. This publication was prepared 'largely from tape-recorded interviews in the laboratories, supplemented by information from published and private papers'.	1971, n.d.
E.40-E.42	'Chapter 1: Thermodynamics, statistical mechanics, and their relevance to cryogenics', in <i>Advanced Cryogenics</i> ed. C.A. Bailey (London, 1971), 1-50 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. 3 folders.	1967-1971, n.d.
E.43-E.45	'Chapter 1', <i>Cryogenic Fundamentals</i> , ed. G.G. Haselden (London, 1971), 1-15 Includes 2 extensively corrected drafts, 1 original illustration and royalty statements for 1978 and 1985. 3 folders.	c.1971-1985
E.46	'Cailletet - et après', <i>Châtillon presse</i> 25 November 1977, 1	1977

- | | | |
|-----------|---|-----------|
| E.47-E.49 | 'Dr Kurt Mendelssohn', advance obituary for <i>The Times</i> | 1968-1980 |
| | 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. | |
| | 3 folders. | |
| E.50-E.60 | 'Scientific Researchers: The Nature and Impact of their Work' (UNESCO) | 1968-1982 |
| E.50 | Contract and outline | 1980 |
| | 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. | |
| | Kurti never completed his manuscript for this UNESCO book project, which was eventually dropped. | |
| E.51-E.54 | Correspondence | 1979-1982 |
| | 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. | |
| | 4 folders. | |
| | De Hemptinne and Goddard remembered Kurti from an earlier collaboration (see E.55-E.60). | |

Publications, E.1-E.440

E.55-E.60	Additional material	1968-1969
	<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>	
E.61, E.62	'Dishy delectations', <i>The Times</i> , 8 August 1981	1981
	<p>Copy of original article, typescript with original title ('What's in a name?') and correspondence.</p> <p>2 folders.</p>	
E.63	'Cooks should use physics', <i>Good Housekeeping</i> (September 1981), 168	1981-1985
	<p>Copy of original article, typescript draft with original title ('Is there a place for physics in cookery?') and correspondence.</p>	
E.64, E.65	'A scientist looks at cookery', <i>Home Economics</i> (October 1982), 8-9	1982
	<p>Copy of original magazine, proofs, typescript draft and correspondence.</p> <p>2 folders.</p>	
E.66	'Liquid helium at the Clarendon Laboratory', <i>Nature</i> vol. 302 (17 March 1983), 210	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	1978x1983
	Copy of original article, proofs, typescript drafts with corrections, and handwritten draft.	
	4 folders.	

E.71, E.72	Correspondence	1978-1984
	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, <i>re</i> the Bates archive.	
	2 folders.	

E.73, E.74	Research Materials	1971, 1981, n.d.
	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.	

E.75	'The hypodermic syringe in the kitchen', publication details unknown	1973, c.1984
	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</i> , 1984 & 1985.	

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 re 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 Wissenswertes</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	Correspondence	1963-1972, 1982-1986
	<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>	
E.90	Additional material	1911
	<p>Copy of the original second edition of Hatvany's work (Berlin, 1911).</p>	
E.91	'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)	1986
	<p>Copy of typescript.</p>	
E.92	'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	1986x1987
	<p>Typescript, with a letter from the publishing house (Adam Hilger).</p>	
E.93	'The sensual aspects of food consumption/eating', publication details unknown	1987x1988
	<p>Typescript, with a letter responding to comments on the manuscript.</p>	

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
	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.	
	5 folders.	
E.135	Rabinovitch-Rothschild	1986-1987
	Includes a typescript draft of P.D. Richardson's contribution.	
E.136	Schmidt Nielsen-Szentágothai	1987
E.137	Tabor-Temple	1987
	Includes typescript and handwritten drafts of Dom G.F.J. Temple's contribution.	
E.138	Walker-Widdowson	1986-1987, n.d.
E.139-E.148	Correspondence with the publishers	1985-1988
	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.	
	10 folders.	
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
-------------	--------------	-----------

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 *Nature*.

5 folders.

E.160-E.175	Promotion, distribution and sales of the book	1988-1996
-------------	---	-----------

Correspondence, chiefly with the publishers and the US distributors. Includes sales figures. Correspondence with contributors *re* 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 & Francis to the American Institute of Physics as US distributors.

16 folders.

E.176-E.178	Second edition	1996-1997
-------------	----------------	-----------

E.176	Cover illustration	1997
-------	--------------------	------

Colour copy of the new cover.

For the dispute that ensued between the Kurtis and the publishers *re* the design of the new cover, see E.177, E.178.

Publications, E.1-E.440

E.177, E.178 Correspondence 1996-1997

Correspondence *re* 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 *re* and with Edwina Currie MP as a suitable reviewer.

2 folders.

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'.

E.179, E.180 'Chemistry and physics in the kitchen', with H. This-Benckard, *Scientific American* vol. 270 (April 1994), 44-50 1993-1994

Copy of original article, with an early typescript draft and correspondence.

2 folders.

E.181-E.183 'How green is my Oxford college?', *Independent*, 22 August 1994 1993-1995

Photocopy, typescript draft and original proofs of the newspaper article, with correspondence and background material.

3 folders.

E.184-E.223 *Blanc Mange: Raymond Blanc's Guide to Improving your Cooking*, by R. Blanc (BBC, 1994) 1992-1995

This book on the science of food and cookery started 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.

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 corrections.	1996

Publications, E.1-E.440

- 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	n.d.
	Handwritten and typescript drafts.	

E.236	List of publications	c.1952, c.1967
	2 typescripts.	

E.237-E.242	BOOK REVIEWS	c.1951-1998
	Copies and photocopies of original reviews, typescript drafts and correspondence, in chronological order.	
	6 folders.	

E.243-E.303	LETTERS TO THE MEDIA	1956-1998
	<p>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).</p> <p>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).</p>	

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 Lord's 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 *re* 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 *New Scientist*, encouraging Kurti to continue his letter-writing. Also includes correspondence and press clippings *re* the intake of science graduates into the Civil Service, Combined Heating and Power, flaws in the headlines of *The Times*, a 'Readers' letter to the cyclists of Oxford', etc.

E.276 1983

Includes correspondence *re* 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 *re* sponsored

Publications, E.1-E.440

parachuting.

E.278

1984

Includes correspondence from K. Whitehorn of the *Observer* 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 *Oxford Times* 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 *Farmers Weekly* 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
-------------	----------------------------	-----------

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.

E.309	Correspondence and papers <i>re</i> the foundation of the journal	1984-1987
-------	---	-----------

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 *Europhysics News* and *Physics Today*, and a flyer announcing the first number (January 1986). Further includes a set of signatures of editorial colleagues, presented to Kurti in March 1987.

E.310, E.311	Minutes of the Meetings of the Management Board	1985-1989
--------------	---	-----------

Includes an end-of-year report to the partners of *Europhysics Letters* on 'The financial situation in the year 1988'.

2 folders.

E.312, E.313	Minutes of the Meetings of the Editorial Board	1985-1989
--------------	--	-----------

2 folders.

E.314-E.321	Reports	1986x1990
-------------	---------	-----------

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-

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.1.

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
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.		
E.424-E.428	<i>Journal of Low-Temperature Physics</i>	1968-1978
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.		
5 folders.		
Kurti joined the editorial board of this new journal at the invitation of its editor, J.G. Daunt, in 1968.		
E.429	<i>Nature</i>	1968-1970, 1977
Correspondence, in chronological order. Includes a draft by L. Abello, SJ on 'An ecological Achilles heel of a hydrogen economy'.		
E.430	Oxford University Press	1970, 1987
Correspondence, in chronological order.		
E.431-E.435	Pergamon Press Ltd	1960-1985
Correspondence (with some additional material), in chronological order.		
Includes invitation from I.R. Maxwell for Kurti to take the place of H.M. Finnieston 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		

Publications, E.1-E.440

Press Ltd.

5 folders.

E.436

Physics Today

1967-1973

E.437, E.438

Miscellaneous correspondence

1961-1985

2 folders.

E.439, E.440

OFFPRINTS

1933-1996

In chronological order.

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

2 boxes.

SECTION F	LECTURES AND BROADCASTS, F.1-F.276	c.1928-1997
------------------	---	--------------------

F.1-F.247	LECTURES
-----------	----------

F.248-F.276	BROADCASTS
-------------	------------

F.1-F.247	LECTURES	c.1928-1997
------------------	-----------------	--------------------

F.1-F.208	Drafts
-----------	--------

F.209-F.247	Correspondence <i>re</i> arrangements
-------------	---------------------------------------

F.1-F.208	Drafts	c.1928-1997, n.d.
------------------	---------------	------------------------------

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.

F.1-F.17	'Own Talks 1950s & 60s'	1950s-1960s
-----------------	------------------------------------	--------------------

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	'Lecture Notes'	1959-1966
-----------	-----------------	-----------

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.

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'.

F.34	'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'	1964
------	---	------

2pp duplicated typescript.

F.35-F.39	'Lecture Notes'	1962-1965
-----------	-----------------	-----------

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.

Topics include 'Oriented Nuclei and Solid State Physics', 'Importance of low temps in s.s.ph. [solid state physics]' and 'Aspects of Nucl. Orientation'.

F.40-F.43	'Nuclear Cooling Grenoble Talk and papers'	1956-1975
-----------	--	-----------

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.

/...

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	'Physicist in the Kitchen'	1963-1978
	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.	
F.58	'Physics in the Kitchen'	1969
	Correspondence and papers <i>re</i> 'a little demonstration' put on by Kurti at the Royal Society's June Conversazione, 26 June 1969.	
F.59-F.63	'The Physicist in the Kitchen'	1969-1987
	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.	
F.64	Address at the Inauguration of Amphitheatre Doyen Louis Weil, Grenoble, France, 14 September 1970	1970
	Includes published text of Kurti's address and photographs of amphitheatre.	
F.65	Manuscript notes for lectures in the UK, USA and Europe and 'English synopsis of a lecture to be given in French'	1970
	Topics are low temperatures, nuclear cooling and the transfer, transmission and degradation of energy.	
F.66	Lecture in Tokyo, March 1971	1971
	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'.	

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>	1976, 1981-1982, n.d.
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
	Manuscript and typescript notes, notices, correspondence, transparencies, etc for lectures in UK and Australia.	
	Topics include 'Physics and the Joys of Life', 'Science and Technology: Curse or Blessing to the Arts' and 'Myths, Mishaps and Mysteries in Cryogenics'.	
	3 folders.	
F.151	'Cailletet, Clifton, Helmholtz, Max Müller, Pictet, Simon - Myths, Mishaps and Mysteries in Cryogenics'	1986
	Typescript draft with manuscript inscription '30 March 1986', transparencies, etc.	
F.152	Lectures May 1987	
	Manuscript notes, etc for lectures.	
F.153	Lectures in Berlin, 14 and 15 October 1987	
	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'.	
F.154	'The Sensual Aspects of Eating', ICUS 1987, Atlanta, Georgia, November 1987	1987
	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'.	
	See also H.684-H.690.	
F.155	Lectures 1989	
	Manuscript notes, transparencies for lectures at Manchester on 'Physics and the Joys of Life' and at Norwich on 'Food and its Enjoyment'.	

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	Correspondence re arrangements Contents of three bulky folders labelled 'Engagements':	1958-1997

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

F.248-F.256	Drafts	1961-1997
--------------------	---------------	------------------

Kurti's drafts, broadcast scripts and related papers.

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

F.248-F.254	'Broadcast and TV talks'
-------------	--------------------------

Contents of folder so inscribed.

F.248, F.249	'Low Temperature and Ultimate Order'	1961
--------------	--------------------------------------	------

Duplicated typescript and broadcast script for Kurti's contribution to Granada TV science programme 'Discovery', April.

2 folders.

F.250	'Hydrogen - Fuel of the Future'	1973
-------	---------------------------------	------

Broadcast script for Kurti's contribution to BBC External Services Programme 'Discovery', March.

F.251	'Sober Thoughts on Cold Facts'	1975
-------	--------------------------------	------

Manuscript notes for 'Seminar 6 March 1975' found with television and broadcast material.

F.252	BBC TV programme 'Frontiers of science: towards Absolute Zero' programme 4: 'Nearer to Zero', filmed 31 December 1968	1968, 1969
-------	---	------------

Transcript.

The film was presented by Dr Mike Leask.

F.253	'The Frontiers of Knowledge'	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.
-------	--	------

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.	

F.257-F.276	Correspondence re arrangements	1959-1996
	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
-------	------

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.