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Catalogue of the papers and correspondence of

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

**VOLUME 3**

Section J: Correspondence

Section K: Non-Textual material



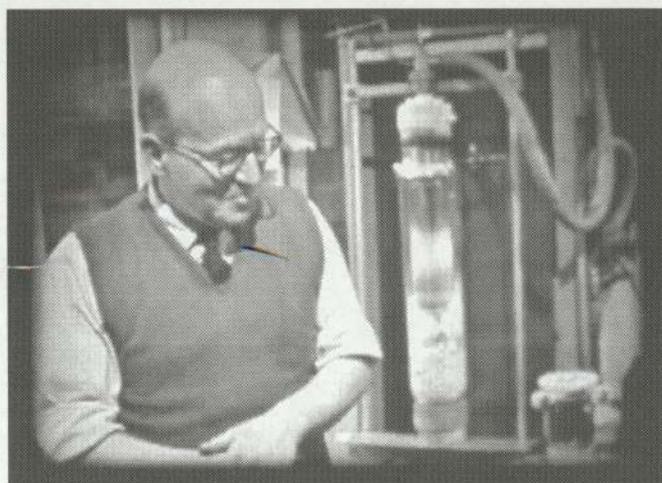
By Anna-K. Mayer, Peter Harper and Timothy E. Powell  
NCUACS catalogue no. 165/8/08

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

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SECTION J	CORRESPONDENCE, J.1-J.1310	1942-1998
		1946-1955
	J.1-J.41	'1950s'
	J.42-J.46	'1956-PRE-US'
	J.47-J.414	ALPHABETICAL SERIES
	J.415-J.716	CHRONOLOGICAL SERIES
	J.717-J.1036	PERSONAL CORRESPONDENCE
	J.1037-J.1190	MISCELLANEOUS SCIENTIFIC AND PERSONAL CORRESPONDENCE
	J.1191-J.1310	REFERENCES AND RECOMMENDATIONS
J.1-J.41	'1950s'	1942-1955
	Contents of a folder so inscribed. In alphabetical order.	
J.1, J.2	Air Ministry-Avery and Co.	1948-1954
	Includes correspondence with D.N. de G. Allen <i>re</i> heat conduction, and with H.S. Arms <i>re</i> superconductivity. Also includes correspondence with the Delegation for Extra-Mural Studies of the University of Oxford <i>re</i> Kurti's contribution to their volume on 'Recent Developments in Science'.	
	2 folders.	
	Allen was an applied mathematician. At the time, Arms worked out of the Development Laboratory of the Ministry of Supply facilities at Capenhurst.	
J.3	Bell Telephone Laboratories-Bunemann	1946-1954
	Includes correspondence with K.K. Darrow <i>re</i> adiabatic magnetisation, and with W. Boas <i>re</i> his visit to the Clarendon Laboratory, Oxford,	

Correspondence, J.1-J.1310

- |           |   |           |
|-----------|---|-----------|
| J.11-J.15 | Harwell Library   | 1946-1954 |
|           | <p>Correspondence with research and library staff at the Atomic Energy Research Establishment (AERE) at Harwell, Berkshire. Correspondence with research staff includes exchanges <i>re</i> the possible use of membranes for the filtering of viruses, neutron diffraction scattering, the model of the gaseous diffusion plant which Kurti made for the 'Atom Train' exhibition and a misleading press announcement about 'lowest ever' temperatures reached in the Clarendon Laboratory.</p> <p>5 folders.</p> <p>The 'Atom Train' exhibition was a touring exhibition that had been organised in 1947. Consisting of two railway carriages filled with exhibits and demonstration experiments, it aimed to educate the public about nuclear energy and its risks.</p> |           |
| J.16      | IMPAG Ltd-Institution of Mechanical Engineers   | 1945-1954 |
|           | <p>Includes an extended exchange with staff at Imperial Chemical Industries (ICI) Ltd, among others on the effects of bending on membrane porosity.</p>   |           |
| J.17      | Jackson- <i>Journal de Physique et le Radium</i>  | 1946-1954 |
|           | <p>Includes correspondence with L.C. Jackson <i>re</i> compressors, storage of liquid oxygen, gas separation etc.</p>   |           |
| J.18      | Kaldor-Koller   | 1947-1954 |
|           | <p>Includes extended exchanges with fellow physicists, e.g. with C.F. Kearton <i>re</i> 'Monofil' materials, with C. Kittel on a variety of subjects and with D. de Klerk on low-temperature physics.</p>   |           |
| J.19      | Lang-Luyet  | 1947-1954 |
|           | <p>Includes an extended exchange with H.R. Lang <i>re</i> a paper submitted by R.P. Hudson to the <i>Journal of Scientific Instruments</i>. Also includes correspondence <i>re</i> Kurti giving presentations on low temperature physics to the Odling Society and the Maxwell Society.</p> <p>The Odling Society was an undergraduate science society</p>  |           |

**Correspondence, J.1-J.1310**

at Worcester College, Oxford. The Maxwell Society, another undergraduate society, was based at King's College, London.

- |            |   |           |
|------------|---|-----------|
| J.20, J.21 | Mather-Murray   | 1945-1954 |
|            | <p>Includes correspondence with the Rumanian emigré spectroscopist R. Mavrodineanu and with the physical chemist S. Miles, with whom Kurti worked on the separation of uranium isotopes in 1942-1943. Also includes correspondence with Monsanto Chemicals Ltd <i>re</i> heat exchanger tubes. J.21 contains an extended exchange with E. Mendoza, 1950-1954, chiefly <i>re</i> low temperature research.</p> <p>2 folders.</p> |           |
| J.22       | Nabarro-Oxford University Press   | 1948-1953 |
|            | <p>Includes correspondence with the future Nobel laureate L. Néel. Also includes correspondence with M. Nelkon, the head of the science department of a London grammar school, <i>re</i> low temperature research at the Clarendon Laboratory. Further includes correspondence with the Oak Ridge Institute of Nuclear Studies <i>re</i> the Atomic Train exhibition (see also J.13).</p>                                       |           |
| J.23       | Philips-Pryce   | 1950-1954 |
| J.24       | Randle-Runcorn  | 1945-1955 |
|            | <p>Includes correspondence on low temperature research with L.D. Roberts of the Oak Ridge National Laboratory, Tennessee, USA. Also includes correspondence with Joseph Rotblat <i>re</i> a model demonstrating the principle of isotope separation which Kurti had built for the Atom Train exhibition (see also J.13, J.22).</p>  |           |
| J.25-J.27  | Salpeter-Swain  | 1945-1954 |
|            | <p>Includes letters to F.E. Simon, summarising incoming mail and news while Simon was abroad; one of the news items concerned E.N. da C. Andrade's court case against the Royal Institution. Also includes an exchange with staff at Metropolitan-Vickers Electrical Company Ltd <i>re</i> generators,</p>  |           |

Correspondence, J.1-J.1310

correspondence with J.E. Spence *re* plans for a liquid hydrogen plant at the University of Liverpool, and with the Oxford University Scientific Club *re* talks by Kurti.

3 folders.

J.28                      Tarbell-Tsai                      1946-1955

Includes correspondence with B. Tsai of the Laboratoire du Grand Électro-Aimant, Bellevue near Paris, France, *re* the magnetic coil ordered for the new generator at the Clarendon Laboratory.

J.29, J.30                Tickford Ltd                      1951-1954

Correspondence *re* the design of electro magnets at the Clarendon Laboratory, to be produced by Tickford Ltd. Includes a monochrome photograph of the microstructure of an electro-magnet casting and a photographic reproduction of a test report on a 'Prototype Electromagnet with Nodular Cast Iron Yokes'.

2 folders.

J.31                      Ubbelohde-United Kingdom Scientific Mission                      1947-1954

Includes correspondence with A.R.J. Ubbelohde *re* magnets in the Clarendon Laboratory and with the United Kingdom Scientific Mission (Washington DC) *re* clearance procedures for visits to US facilities.

J.32                      University of Oxford, Appointments Committee                      1954

Includes a memorandum *re* the Metal Box Company Ltd.

J.33-J.37                University of Oxford, Registry                      1942-1954,  
n.d.

Includes correspondence *re* possible examiners for students engaged in research on the Tube Alloys project. J.33 covers 1942-1947, J.34 1948-1952, J.35 1953, J.36 1954 and undated, including correspondence *re* the 'Chairman-Principal feud' at the College of Aeronautics, Cranfield, Bedfordshire.

5 folders.

Correspondence, J.1-J.1310

- |            |   |           |
|------------|---|-----------|
| J.38       | <i>Vacuum-Vodar</i>   | 1947-1953 |
|            | <p>Includes correspondence with A. M. Vidal-Hall of the Scientific Department of the French Embassy in London <i>re</i> various aspects of Anglo-French scientific exchange, and with B. Vodar <i>re</i> the liquefaction of oxygen.</p> <p>Vodar was an ultra-high temperature physicist.</p>  |           |
| J.39, J.40 | Wagstaffe-Wylie   | 1946-1954 |
|            | <p>An extended exchange with L. Weil of the University of Grenoble, France, <i>re</i> the installation of pioneering equipment to produce liquid helium can be found at J.39. J.40 includes correspondence with W.A. Weyl on the behaviour of liquid helium below its <math>\lambda</math> point, with the Women's Engineering Society <i>re</i> a talk by Kurti to the Society, a visit to the Clarendon Laboratory, etc., and with Sir Francis Wylie <i>re</i> the whereabouts of the Einstein blackboard.</p> <p>Sir Francis Wylie was the Warden of Rhodes House in Oxford, where Einstein delivered a series of three lectures during 1931 (see also J.449).</p> |           |
| J.41       | Unidentified  | 1945-1953 |
|            | <p>In chronological order.</p>  |           |
| J.42-J.46  | '1956 PRE-US'   | 1955-1957 |
|            | <p>Contents of a folder so inscribed. In alphabetical order.</p> <p>At the end of August 1956, Kurti left for the USA to spend the academic year 1956-1957 at the University of California, Berkeley.</p>   |           |
| J.42       | Avery-Capenhurst  | 1955-1956 |
|            | <p>Includes an exchange with staff at the R&amp;D branch of the United Kingdom Atomic Energy Authority, Capenhurst, Cheshire, chiefly <i>re</i> Kurti's contribution to a 'membrane textbook' - a textbook on some aspects of the Tube Alloys project.</p>  |           |

**Correspondence, J.1-J.1310**

- |            |   |                     |
|------------|---|---------------------|
| J.43       | Chance Brothers Ltd-Daniels   | 1955-1957           |
|            | <p>Includes correspondence with and <i>re</i> the College of Aeronautics, Cranfield, and with J. Daniels <i>re</i> magnet cores.</p> <p>Kurti was a Governor of the College of Aeronautics, Cranfield, 1953-1969.</p>   |                     |
| J.44       | Deacock-Hutter  | 1955-1956           |
|            | <p>Includes correspondence with the Ministry of Fuel and Power <i>re</i> thermal insulation and the Dounreay Fast Reactor (DFR).</p> <p>A prototype fast reactor, the DFR was constructed 1954-1959.</p>  |                     |
| J.45       | Jackson-National Physical Laboratory  | 1956, 1957,<br>n.d. |
|            | <p>Includes correspondence with A.R. Meetham of the National Physical Laboratory (NPL) in Teddington, Middlesex, <i>re</i> the helium supply scheme.</p> <p>In 1955, the NPL started to supply liquid helium for research purposes.</p>   |                     |
| J.46       | <i>Nature</i> -Young  | 1955-1956           |
|            | <p>Includes correspondence with the editor of <i>Nature</i> <i>re</i> Kurti <i>et al</i> article on nuclear cooling (see E.1). Also includes correspondence with Plyglass Ltd <i>re</i> a report on window casements that Kurti prepared for a committee advising the University of Oxford, and correspondence <i>re</i> G.F.J. Temple's work on supersonic and hypersonic flows.</p> |                     |
| J.47-J.414 | <b>ALPHABETICAL SERIES</b>  | <b>1962-1977</b>    |
|            | <p>Chiefly outgoing correspondence.</p>   |                     |
| J.47-J.71  | 'Feb 62-Jan 63'   | 1962-1963           |

Correspondence, J.1-J.1310

Contents of a ring-binder so inscribed. Found arranged alphabetically by first letter of correspondent's name, and in reverse chronological order within each alphabetical sequence.

J.47

A

1962-1963

Includes correspondence with B.M. Abraham of the Argonne National Laboratory, Illinois, USA, and with V.J. Freestone of the Atomic Energy Research Establishment *re* the supply of UH3, an enriched uranium hybrid. Also includes correspondence with the philosopher A.J. Ayer *re* City College, New York, where Kurti planned to spend the Fall of 1963, with N. Arms *re* her book *A Prophet in Two Countries: The Life of F. E. Simon* (New York, 1966), and with A. Abragam *re* the possibilities of Abragam delivering lectures on spin resonance in semiconductors at Oxford during Michaelmas term 1962.

J.48, J.49

B

1962-1963

Includes correspondence with A.S.D. Barrett of Research and Control Instruments Ltd, with R. Beeching of the British Transport Commission, and with N. Booth of the British Oxygen Company Ltd *re* the newly created Cryogenic Equipment Panel of the Department of Scientific and Industrial Research. Also includes correspondence with Mullard Ltd *re* the design of a new magnet for the Clarendon Laboratory, and with B.W. Birmingham of the National Bureau of Standards in Boulder, Colorado, US, *re* the cost of liquid helium in the USA.

J.49 includes a transcript, c. May 1962, of a letter to N. Bohr, dated 8 August 1945.

2 folders.

The Cryogenic Equipment Panel was set up 'to look into the supply of cryogenic equipment, and in particular, liquid helium, with special reference to university laboratories'. It was chaired by Kurti. In 1962-1963, B. Bleaney spent a sabbatical at the University of Pittsburgh, Pennsylvania, USA.

J.50

C

1962-1963

Includes correspondence with the Pergamon Press *re* the suitability of W. Voigt's *Lehrbuch der Kristallphysik* (1910) for translation, with R.S. Cohen *re* new activities in low temperature physics and history of science at Boston

Correspondence, J.1-J.1310

University, and with N. Calder of the *New Scientist* re tests on the superconducting solenoid at the Clarendon Laboratory. Also includes correspondence on liquid helium with R.G. Chambers of the University of Bristol and with the Cryogenic Products Department of the Linde Co, Division of Union Carbide, USA. Further includes correspondence re the *BIS Journal* (the journal of the British Interplanetary Society).

J.51, J.52

D

1962-1963

Chiefly correspondence with M.O. Morris at the DSIR re the Cryogenic Equipment Panel. Also includes correspondence with P. Daly of the BBC re the use of 'Absolute Zero', a programme featuring Kurti, for lecturing and teaching purposes (see K.86-K.91).

2 folders.

J.53

E

1962

Includes correspondence with Edwards High Vacuum Ltd re a rotary pump that Kurti was hoping to borrow for a lecture on low temperature experimentation at the Royal Institution.

J.54

F

1962-1963

Includes correspondence with V.J. Freestone of AERE re enriched uranium, and with H. Fluchère re the impending visit to Oxford of A. Abragam. Also includes communications with J.S. Forrest at the Central Electricity Research Laboratories (CERL), including Kurti's list of subjects of special interest to members of the Research Council.

H. Fluchère was the first director of the Maison Française in Oxford.

J.55

G

1962-1963

Includes correspondence with G.R.H. Geoghegan at the UKAEA facilities at Capenhurst, Cheshire re the proposed High Magnetic Field Laboratory (HMFL), with M.M. Gowing re the second instalment of her history of the Tube Alloys project, and with J.B. Gardner of BOC's R&D department re the establishment of the DSIR's new Cryogenic

Correspondence, J.1-J.1310

Equipment Panel.

For the story of the HMFL project, see H.297-H.341.

- |   |      |           |
|---|------|-----------|
| J.56  | H    | 1962-1963 |
| <p>Includes correspondence with K. Hoselitz of the Solid State Physics Division of the Mullard Research Laboratories, Redhill, Surrey, <i>re</i> the cost of producing liquid helium with the ADL helium liquefier. Also includes correspondence with R.P. Hudson and with J.K. Hulm of the Westinghouse Research Laboratories, Pennsylvania, USA, <i>re</i> Pergamon Press's unauthorized use of National Bureau of Standards (NBS) data (see also E.432), and correspondence with Sir Noel Hall, Principal of Brasenose College, <i>re</i> the disputed authorship of J. Graunt's <i>Natural and Political Observations</i> (1662), etc.</p>  |      |           |
| J.57  | I, J | 1962-1963 |
| <p>Includes correspondence with V.F. Johnson of the NBS <i>re</i> Pergamon Press's unauthorized use of NBS data (see also E.432, J.56).</p>   |      |           |
| J.58  | K    | 1962      |
| <p>Includes correspondence with R. King of the Royal Institution <i>re</i> arrangements concerning Kurti's demonstrations at the RI 'Research Day'. Also includes correspondence with R. Kubo of the University of Tokyo <i>re</i> the properties of small particles.</p>   |      |           |
| J.59  | L    | 1962-1963 |
| <p>Includes correspondence with J. de Launay of the Office of Naval Research <i>re</i> samples of powdered gold alloys, with H.R. Lang of the Joint British Committee for Vacuum Science and Technology (JBCVST) <i>re</i> a meeting on cryopumping, with Sir Kenneth Wheare <i>re</i> potential collaborations in the field of physics between the University of Oxford and Culham Laboratories and with W.M. Lomer of the UKAEA <i>re</i> enriched uranium hybrids at the Argonne National Laboratory.</p> <p>The JBCVST, later the British Vacuum Council, was established in 1959 to co-ordinate meetings and similar activities of members interested in vacuum. It was also the</p> |      |           |

Correspondence, J.1-J.1310

official channel through which vacuum workers in the UK could collaborate with their colleagues overseas.

J.60 M 1962-1963

Includes correspondence with I.R. Maxwell *re* Kurti's editorship of Pergamon Press's Solid State Monograph series, *re* Kurti's planned visit to Australia in July/August 1964, with A. G. Monroe of the British Oxygen Company *re* liquid helium, and with the Presidency of the People's Republic of Hungary *re* Kurti's citizenship status

J.61 N 1962-1963

Includes letters to the BOC *re* BOC liquid helium supplies, and to K.E. Nicholds of the Hymatic Engineering Co Ltd *re* an instructional air liquefier, etc.

J.62 O 1962

Includes correspondence with the Danish low temperature physicist J.L. Olsen.

J.63 P 1962-1963

Includes correspondence *re* the HMFL Project, and the HMF Conference to be held in Oxford in July 1963.

J.64, J.65 R 1962-1963

Includes correspondence with R.G. Rhodes of British Insulated Callender's Cables (BICC) *re* the insulation of underground cables, etc., and with staff at the Nuclear Research Centre of C.A. Parsons and Co, Newcastle upon Tyne, *re* the first all-British superconducting high field solenoid, etc. Also includes correspondence with staff at the UKAEA, for which Kurti acted as a consultant; with L.D. Roberts of the Oak Ridge National Laboratory, Tennessee, USA, *re* recent repeats of experiments by B.N. Samoilov on Au 198; with colleagues in Switzerland and France, *re* lectures by Kurti, e.g. with G. Ribaud *re* a presentation by Kurti on 'Le noyau atomique en cryophysique'.

2 folders.

Correspondence, J.1-J.1310

- |      |   |           |
|------|---|-----------|
| J.66 | S   | 1962-1963 |
|      | <p>Includes correspondence with the cryogenic engineer H. Sixsmith, whom Kurti hoped to recruit for the Clarendon Laboratory; with Sir Gordon Sutherland <i>re</i> diving instruments, the question of whether Oxford physicists with college fellowships left to take up appointments abroad, etc; and with the Reactor Research Division of AERE <i>re</i> irradiation experiments at liquid helium temperatures with thermal neutrons.</p>                           |           |
| J.67 | T   | 1962-1963 |
|      | <p>Includes correspondence with R. Thévenot, Director of the International Institute of Refrigeration/Institut International du Froid (IIR-IIF), with P.A.I. Tahourdin of the British Council <i>re</i> international contacts of science, with K.D. Timmerhaus <i>re</i> the 1963 Cryogenic Engineering Conference in Boulder, Colorado, USA, and with Ferranti Ltd <i>re</i> work experience placements for Oxford physics students.</p>                              |           |
| J.68 | U, V  | 1962-1963 |
|      | <p>Includes correspondence with F.A. Vick discussing various types of liquid helium machines, with R.W. Vance of the Aerospace Corporation in Los Angeles, USA, <i>re</i> Kurti's visit on the occasion of the 1962 Cryogenic Engineering Conference in Los Angeles, and with A. Abragam and the publishing house Gauthier-Villars Éditeurs <i>re</i> the unity of physics.</p> <p>Vick was the director of AERE. He chaired the working party on the HMFL Project.</p> |           |
| J.69 | W   | 1962      |
|      | <p>Includes correspondence with L. Weil of the University of Grenoble, <i>re</i> experiments at Grenoble on heat transfer in nuclear boiling, etc. Also includes correspondence with V.F. Weisskopf, then Director-General of CERN.</p>   |           |
| J.70 | X-Z   | 1962-1963 |
|      | <p>Correspondence with M.W. Zemansky <i>re</i> the cryogenic equipment required for Kurti's proposed Low Temperature</p>  |           |



Correspondence, J.1-J.1310

letter to *The Times* (see E.245).

J.75, J.76

C

1963-1965

Includes correspondence with L. Couture *re* her impending research visit to Oxford, and with Sir Harold Caccia *re* the Cryogenic Equipment Panel and the export embargo concerning cryogenic equipment. Also includes correspondence with N. Calder of the *New Scientist*, with A.H. Cooke *re* the planned HMFL and with A.J. Croft *re* the High Tension Room of the Clarendon Laboratory.

2 folders.

L. Couture was a solid state spectroscopist.

J.77, J.78

D

1963-1965

Includes correspondence with various officials at the DSIR *re* 'Osborne's proposed Cryogenic Engineering course', *re* the embargo list for cryogenic equipment (copy at J.77), *re* the proposed HMFL and candidates for the position of director, and *re* a number of individual grant applications to the DSIR. Further includes correspondence with Sir Frederick Dainton *re* the entry of Oxford and Cambridge into the Universities Central Council on Admissions scheme.

2 folders.

The cryogenic engineering course in question clashed with plans to create a new graduate course on low temperature physics and technology at the Clarendon Laboratory.

J.79

E

1963-1964

Includes correspondence with Kurti's Oxford colleague D. Edmonds *re* the Eurovision film 'Cold' (see K.96-K.99), and with R. Edmonds of the DSIR regarding the IIR-IIF.

J.80

F

1963-1965

Includes correspondence *re* a request from the Forrestal Research Center, Princeton, USA, for a copy of Br. 694, a report by P.A.I. Tahourdin on the Dirac jet separation method. Also includes correspondence with D. Fishlock of the *New Scientist* *re* a recent leading article on high field

Correspondence, J.1-J.1310

solenoids, etc.

J.81 G 1963-1965

Includes correspondence with M.M. Gowing *re* Bohr's meeting with Churchill, identification of Lindemann photographs, etc. Also includes correspondence with A.F. Gibson *re* reasons for basing the proposed HMFL on superconducting solenoids.

J.82, J.83 H 1963-1965

Includes correspondence with W. Haberditzl *re* the importance of inhomogeneous magnetic fields and *re* H.L.F. von Helmholtz's impressions of Oxford in 1863. Also includes correspondence with the widow of L. Hatvany *re* the re-publication of his *Die Wissenschaft des nicht Wissenswerten* (1908) (see also E.81-E.90). Futher includes correspondence with Sir Noel Hall *re* the future heating system of Brasenose College.

2 folders.

Haberditzl was an Austrian chemist. See also J.112, J.113.

J.84 I, J 1963-1965

Includes correspondence with R.V. Jones *re* N. Bohr's meeting with Churchill, Operation Epsilon, the history of low temperature experiments at the New Clarendon Laboratory, Oxford, etc.

Operation Epsilon was the code name for a project involving the secret recording of conversations between 10 German scientists who were interned at Farm Hall from July 1945 to January 1946.

J.85 K 1963-1965

Includes correspondence with C. Kittel *re* the creation of a National Academy of Engineering in the USA, and with the historian T.S. Kuhn *re* his forthcoming visit to Oxford and the papers of J.S.E. Townsend and F.A. Lindemann.

Kittel was professor of physics at the University of California, Berkeley. At the time, Kuhn directed 'Sources

Correspondence, J.1-J.1310

for History of Quantum Physics'. Financed by the National Science Foundation, the project's assigned goal was to find and preserve primary source materials for study of the history of quantum physics.

J.86 L 1963-1965

Includes correspondence with W.M. Lomer *re* shared research interests, with Sir Ben Lockspeiser *re* photographs of superconducting magnets, and with P.A. Lingard of the Central Electricity Generating Board *re* electrical storage heating. Also includes correspondence *re* alterations to the Lindemann Building.

Lomer was a solid state physicist who worked for the AERE.

J.87, J.88 M 1963-1965

Includes correspondence with B.T. Matthias *re* the  $\gamma$ -ray anisotropy of ScIn, with I.R. Maxwell *re* the life of L. Hatvany, with H. Mendelssohn *re* his plans to create a nature reserve in the Negev desert, etc.

2 folders.

J.89 N 1963-1964

Includes correspondence with G.R. Noakes, editor of the magazine *Contemporary Physics*, with G. Pryor *re* her letter to the *New York Times* (Paris edition) on Lord Hailsham's contributions to the House of Lord's debate on 27 February 1963, and with BOC *re* liquid helium.

J.90 O 1963-1965

Includes correspondence with J.L. Olsen *re* cryogenic meetings in Switzerland and the USA, and with D.W. Osborne of the Argonne National Laboratory *re* his forthcoming visit to Oxford.

J.91, J.92 P, Q 1963-1965

Includes correspondence with D.H. Parkinson of the Royal Radar Establishment, Malvern *re* the difficulty of wording



Correspondence, J.1-J.1310

Research Laboratories in Eindhoven, Netherlands, *re* Volger's colloquium and superconducting generators. Also includes correspondence with the Vice-Chancellor of the University of Oxford, Sir Walter Oakeshott, *re* the Holford Report.

Sir William Holford's report on the 'Future requirements of the science departments' at the University of Oxford came out on 23 May 1963. It emphasised the need for a substantial strategic reserve of land to deal with the requirements for sites to respond to the 100.000 square meter of development it predicted.

- |             |  |           |
|-------------|--|-----------|
| J.99        | W  | 1963-1965 |
|             | Includes correspondence with R.I. Wolff of City College, New York (CCNY) <i>re</i> arrangements concerning Kurti's impending visit there.  |           |
|             | Kurti spent the autumn of 1963 as the Buell G. Gallagher Visiting Professor at City College.   |           |
| J.100       | X-Z  | 1963-1965 |
|             | Includes an original typescript of Kurti's review of M.M. Gowing, <i>Britain and Atomic Energy, 1939-1945</i> (1964) and correspondence with M.W. Zemansky of CCNY <i>re</i> experimental activities to inaugurate Kurti's visiting professorship etc. |           |
| J.101       | Miscellaneous  | 1963x1965 |
|             | Typescript notices, itineraries of Kurti's travels, lists of letters forwarded to him, progress reports on students, etc. In original order.   |           |
| J.102-J.127 | 'Apr 65-Mar 66'  |           |
|             | Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.  |           |
| J.102       | A  | 1965-1966 |
|             | Includes correspondence with J.B. Adams of the UKAEA <i>re</i> delays with the Ministry of Technology contract for the production of superconducting materials, with P. Agron <i>re</i>  |           |

Correspondence, J.1-J.1310

the activities of the 'Comité d'Étude des Termes Techniques Français', and with P. Akar of the Société Air Liquide, France *re* scientific nomenclature, the work of the Cryogenic Equipment Panel, etc. Also includes correspondence with the new Society for Anglo-Chinese Understanding (SACU), which Kurti joined in 1965 (see H.936-H.944), and with E. Ambler *re* the problem of how to rationalize the provision of liquid helium for low temperature and solid state research in the UK.

J.103-J.105

B

1965-1966

Includes correspondence with the Australian botanist H.N. Barber *re* acronyms, with American colleagues *re* liquid helium supply in the USA, with the World Federation of Hungarians *re* the malpractice of translating 'tudomány' as 'science', with B.V. Bowden *re* his speech on the occasion of the formal inauguration of the Mullard Cryomagnetic Laboratory, etc.

3 folders.

J.106, J.107

C

1965-1966

Includes correspondence with G. Chandra of the Tata Institute of Fundamental Research *re* the T-Tx correlation of chrome potassium alum, with P.F. Chester at the Central Electricity Research Laboratories *re* whether Kurti's role as a BICC consultant conflicted with his being responsible for the superconducting testing contract that the Ministry of Technology placed with the Clarendon Laboratory.

2 folders.

J.108

D

1965-1966

Includes correspondence with the editor of the *Observer* *re* terminological nonsense, and with the Board of Trade *re* the proposed amendments to the embargo list *re* cryogenic equipment and its export.

J.109

E

1965-1966

Includes correspondence with I.G. Edmunds, physicist at the Manchester College of Science and Technology, *re* his equipment grant application, and with D.O. Edwards of Ohio State University, USA, *re* liquid helium provisions in

Correspondence, J.1-J.1310

the USA.

J.110 F 1965-1966

Includes correspondence with Kurti's childhood friend A. Fabinyi.

J.111 G 1965-1966

Includes correspondence with M.M. Gowing *re* R.V. Jones's account of the Bohr-Churchill meeting, with J.M. Gregory of Winchester College *re* arrangements for a talk by Kurti, etc.

J.112, J.113 H 1965-1966

Includes correspondence with W. Haberditzl *re* the nineteenth century physicist H.L.F. von Helmholtz. Also includes correspondence with the American physicist T.C. Hardy *re* Hardy's low temperature physics group at CCNY.

2 folders.

Haberditzl was an Austrian chemist, communist and science-historian who worked at the Humboldt University in Berlin. He shared Kurti's interest in von Helmholtz's relationship with Oxford physics. Kurti was well qualified to consult Hardy on his new project on magnetic structures of alloys by measuring the specific heat in a magnetic field as this was work of the type Kurti had done for his own D.Phil. thesis.

J.114 I, J 1965-1966

Includes correspondence with the Science Research Council *re* the Report of the Cryogenic Engineering Panel meeting, with the editors of the *Electrical Times* *re* the newly opened Mullard Cryomagnetic Laboratory in Oxford and *re* differences between superconducting and normally conducting solenoids, and with R.V. Jones *re* the Bohr-Churchill meeting etc.

J.115 K 1964-1965

Includes correspondence with the US embassy in London

**Correspondence, J.1-J.1310**

*re* the situation in Vietnam, and with P.L. Kapitza *re* the international conference on low temperature physics (LT 10). Also includes correspondence with Sir Peter Kent of British Petroleum *re* the helium content of North Sea gas, and with the Hungarian artist and educator G. Kepes *re* his impending visit to the UK.

LT 10 took place in Moscow in 1966 under the aegis of the International Union of Pure and Applied Physics.

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|--|------|-----------|
| J.116  | L    | 1965-1966 |
| Includes correspondence with J.O. Linde of the Kungliga Tekniska Högskolan, Stockholm, Sweden <i>re</i> low temperature terminology, and with American colleagues <i>re</i> liquid helium supply in the USA.   |      |           |
| J.117, J.118   | M    | 1965-1966 |
| Includes letters to D.C. Martin at the Royal Society <i>re</i> topics such as bets made during an evening at Brasenose College, candidates for the James Alfred Ewing Medal, the fate of archives of British scientists, a proposed National Instrument Centre to expand the service of expensive equipment, etc. Also includes correspondence with M.O. Morris of the SRC <i>re</i> Kurti's concerns over liquid helium supply. |      |           |
| 2 folders.   |      |           |
| J.119  | N    | 1965-1966 |
| J.120  | O    | 1965-1966 |
| Includes correspondence with A.T. Oatley of Cannon Industries Ltd <i>re</i> the reluctance of various Gas and Electricity Boards to sell combined cookers. Also includes correspondence with R. Orbach of the University of California, Los Angeles, USA, <i>re</i> liquid helium supply.  |      |           |
| J.121  | P, Q | 1965-1966 |
| Includes correspondence with R. Parker of the Portsmouth College of Technology <i>re</i> a presentation by Kurti on 'Atomic Nuclei: Hot and Cold', and with J.G. Powles of the   |      |           |

Correspondence, J.1-J.1310

University of Canterbury, Kent *re* grants to buy research equipment (the topic of both their letters to *The Times*). Also includes correspondence with J.H. Price of the SRC *re* improved nuclear cooling techniques etc. and with J.M. Pye of the UKAEA *re* the Cherwell papers.

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|-------|--|-----------|
| J.122 | R  | 1965-1966 |
|       | Includes correspondence with T.J. Reed <i>re</i> the republication of L. Hatvany's <i>Die Wissenschaft des nicht Wissenswerten</i> . Also includes correspondence with E.H. Reynolds at BICC <i>re</i> the firm's potential interest in a development contract for superconducting materials from the Ministry of Technology.          |           |
| J.123 | S  | 1965-1966 |
|       | Includes correspondence with members of the von Siemens family <i>re</i> the Helmholtz papers.   |           |
| J.124 | T  | 1965-1966 |
|       | Includes letters to the editor of <i>The Times</i> , correspondence with Sir Harold Thompson <i>re</i> international exchange on high current superconductors, with H.R. Trevor-Roper <i>re</i> Society for Anglo-Chinese Understanding, etc.  |           |
| J.125 | U, V   | 1965-1966 |
|       | Includes correspondence with the Vice-Chancellor of Oxford, <i>re</i> his role in the formal inauguration ceremony of the Mullard Cryomagnetic Laboratory, and with staff at the Organisation for Economic Co-operation and Development <i>re</i> research on the behaviour of matter in intensive magnetic fields.                    |           |
| J.126 | W  | 1965-1966 |
|       | Includes correspondence <i>re</i> an advertisement in <i>Physics Today</i> (October 1965), designed to entice British scientists to return to the UK (see also E.245). Also includes correspondence with American colleagues <i>re</i> the provision of liquid helium and <i>re</i> the relations between science and small companies. |           |

Correspondence, J.1-J.1310

J.127	Z	1965-1966
J.128-J.152	'1 May 66-31 Mar 67'	1966-1967
	Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.	
J.128	A	1966-1967
	Includes correspondence with staff at the SRC <i>re</i> the HMFL Project and with N.P. Allen of the NPL <i>re</i> a superconductivity meeting organised by the Institution of Electrical Engineers (IEE). Also includes correspondence <i>re</i> Kurti's candidature for the Committee of the Society for Low Temperature Biology.	
J.129, J.130	B	1966-1967
	Includes correspondence <i>re</i> an IEE colloquium on energy storage, held on 23 May 1966, and with B. Bleaney <i>re</i> departmental implications of the Franks Report, etc.	
	2 folders.	
	The Franks Report was the report of a commission chaired by Sir Oliver Franks. Following the publication of the report in 1966, a number of changes were introduced into Oxford's system of governance.	
J.131	C	1966-1967
	Includes correspondence <i>re</i> a 16mm sound film on superconducting magnets which Kurti received through C. Laverick of the Argonne National Laboratory (see K.92, K.93). Also includes correspondence <i>re</i> conferences on superconductor technology etc.	
J.132	D	1966-1967
	Includes correspondence with R.L. Davies <i>re</i> samples.	
	Davies was the head of the Chemistry Department in the Central Research and Engineering Division of BICC.	

Correspondence, J.1-J.1310

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| J.133  | E    | 1966-1967 |
| <p>Includes correspondence with L.R.B. Elton <i>re</i> his equipment grant application and with the assistant editor of the <i>Sunday Telegraph</i> <i>re</i> a reporter's visit to the offices of the Society for Anglo-Chinese Understanding (SACU).</p>   |      |           |
| J.134  | F    | 1966-1967 |
| <p>Includes correspondence with staff at British Aircraft Corporation Ltd and Davy-Ashmore Ltd <i>re</i> a Royal Society discussion about Graduates in Industry, to be held at Brasenose College in March 1967. Also includes correspondence with H.M. Finniston of the International Research &amp; Development Company Ltd <i>re</i> whether the original HMF working party had sufficiently consulted potential industrial users, and correspondence with W.L. Francis of the SRC <i>re</i> university-industry collaboration, etc.</p> |      |           |
| J.135  | G    | 1966-1967 |
| <p>Includes correspondence with D. Gabor <i>re</i> his Cherwell-Simon Lecture, with G.R.H. Geoghegan <i>re</i> a recent report from the General Electric Research and Development Centre, with Sir Charles Goodeve <i>re</i> universities-industry relations, and with M.M. Gowing <i>re</i> the conditions for the handover of the 'Simon-Kurti Atomic Energy Papers' to the archives of the UKAEA, etc.</p> <p>Geoghegan was the Chief Technical Manager of the UKAEA.</p>   |      |           |
| J.136, J.137   | H    | 1966-1967 |
| <p>Includes correspondence with E.D. Haidemenakis <i>re</i> his proposed NATO summer school, with the Earl of Halsbury and Lord Hinton <i>re</i> 'the insistence with which the Colleges of Advanced Technology, having achieved university status wish to be called universities as well', etc. Also includes correspondence <i>re</i> SACU and its sources of donations.</p> <p>2 folders.</p>   |      |           |
| J.138  | I, J | 1966-1967 |
| <p>Includes correspondence with F.E. Jones, Director of</p>  |      |           |

Correspondence, J.1-J.1310

Mullard Ltd, *re* the 'brain drain', its different manifestations in other European countries, and the relations between pure science and technology, with the physicist G.O. Jones *re* the properties of water, and with Sir Henry Jones of the Gas Council *re* the production and storage of liquid hydrogen as a joint venture by the Gas Council and the Ministry of Aviation.

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|--------------|---|-----------|
| J.139        | K   | 1966-1967 |
|              | Includes correspondence with Sir Frank Kearton <i>re</i> SACU.  |           |
| J.140        | L   | 1966-1967 |
|              | Includes correspondence with staff at the Department of Education and Science <i>re</i> E.D. Haidemenakis's proposed NATO summer school. Also includes a letter congratulating Sir Bernard Lovell on his recent article on space research in <i>The Times</i> . |           |
| J.141, J.142 | M   | 1966-1967 |
|              | 2 folders.  |           |
| J.143        | N   | 1966-1967 |
|              | Includes correspondence with L. Néel (some in French) <i>re</i> his impending visit in March 1967, and with the editor of the <i>New Scientist</i> <i>re</i> K. Mendelssohn's <i>The Quest for Absolute Zero</i> (1966), etc.                                   |           |
| J.144        | O   | 1966-1967 |
|              | Includes correspondence with J.L. Olsen <i>re</i> the organisation of a meeting on the technological aspects of new superconducting materials.  |           |
| J.145        | P, Q  | 1966-1967 |
|              | Includes correspondence <i>re</i> meetings of the Society for Low Temperature Biology and <i>re</i> applications to the SRC. Also includes correspondence with A.B. Pippard <i>re</i> the Interim Report of the Swann Working Group.                            |           |

Correspondence, J.1-J.1310

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

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|---|------|-----------|
| J.146   | R    | 1966-1967 |
| <p>Includes correspondence with the solid state physicist W.A. Runciman <i>re</i> the HMFL Project, and with the President of the Hungarian Academy of Sciences <i>re</i> the re-publication of L. Hatvany's <i>Die Wissenschaft des nicht Wissenswerten</i>.</p>   |      |           |
| J.147, J.148  | S    | 1966-1967 |
| <p>J.147 includes correspondence with the German physicist E.J. Saur <i>re</i> a meeting on European plans for superconducting materials, with R.G. Scurlock (University of Southampton) regarding his new graduate course on 'Cryogenics and its Applications', etc., and with R.J. Seeger of the American National Science Foundation <i>re</i> N. Arms's biography of F.E. Simon. J.148 includes correspondence with the pioneering cryobiologist A.U. Smith <i>re</i> low temperature applications in biology, etc.</p> <p>2 folders.</p> |      |           |
| J.149   | T    | 1966-1967 |
| <p>Includes correspondence with Sir Harold Thompson, the Foreign Secretary of the Royal Society, <i>re</i> the SRC's expenditure on foreign travel, etc. Also includes letters to the editor of <i>The Times</i>, and to H. Trevor-Roper <i>re</i> SACU.</p>  |      |           |
| J.150   | U, V | 1966-1967 |
| <p>Includes correspondence with A. Vidal-Hall of the French Embassy in London <i>re</i> literature on the migration of scientists.</p>  |      |           |

Correspondence, J.1-J.1310

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|--|----------------------|-----------|
| J.151  | W                    | 1966-1967 |
| <p>Includes correspondence with J.S. Watson, Principal of St Andrews, <i>re</i> a report in <i>The Times</i> on the Special Report from the Committee of Public Accounts. Also includes letters to R. Weck of the British Welding Research Association <i>re</i> argon-arc welding vs helium-arc welding, etc.</p>   |                      |           |
| J.152  | X-Z                  | 1966-1967 |
| <p>Includes correspondence with M. Zvegintzov of the NRDC <i>re</i> a proposed liquid hydrogen centre at the Bradford Institute of Technology, etc.</p>  |                      |           |
| J.153-J.176  | '1 Apr 67-17 Feb 68' | 1967-1968 |
| <p>Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.</p>   |                      |           |
| J.153  | A                    | 1967-1968 |
| <p>Includes correspondence with P. Aigrain <i>re</i> the political situation in Greece and its implications for E.D. Haidemenakis's proposed NATO summer school there. Also includes correspondence with T.E. Allibone <i>re</i> the upcoming Royal Society-Wates Study Conference on Superconductor Technology in Europe.</p> <p>A number of scheduled speakers at Haidemenakis' summer school in Greece pulled out in the aftermath of the military coup in the spring of 1967. Kurti remained neutral, then decided not to take part, but changed his mind again following assurances that there would be no limitation on freedom of expression. See also G.88-G.90.</p> |                      |           |
| J.154, J.155   | B                    | 1967-1968 |
| <p>Includes correspondence with the President of the Royal Society <i>re</i> a broad range of matters, including 'the Hooker-Kurti report' on engineers and scientists in industry (published in <i>Nature</i> vol. 217 (17 February 1968)). Also includes correspondence with A.S.D. Barrett <i>re</i> a proposed rental scheme of Philips PLHe 209 Liquefiers for universities, with A. Briggs <i>re</i> a future Colloque de Caen Franco-Britannique to explore university reform, with fellow physicists W.E. Burcham and C.C. Butler <i>re</i> consultancy</p>  |                      |           |

Correspondence, J.1-J.1310

and Ph.D.s in industry, and with J.B. Butterworth *re* the proposed Mathematics Research Centre at the University of Warwick, etc.

2 folders.

J.156 C 1967-1968

J.157 D 1967-1968

Includes correspondence with F.S. Dainton *re* a Franco-British Colloque de Caen, university-industry relations, etc. Also includes correspondence with the Physical Secretary of the Royal Society (M.J. Lighthill) *re* scientific authors's reluctance to publish in the *Proceedings of the Royal Society*, and with J.J.P. Deverill of the Royal Society *re* the upcoming Hungarian Scientific and Technical Week of the Hungarian Embassy in London.

J.158 E 1967-1968

Includes correspondence with the Office for Scientific and Technical Information *re* an upcoming Advisory Committee for Science and Technology Information meeting. Also includes correspondence with R.H. Ellis of the Historical Manuscripts Commission *re* 'the location of papers of pre-1930 great men of science'.

J.159 F 1967-1968

Includes correspondence *re* funding for E.D. Haidemenakis's proposed NATO summer school, with D.M. Finlayson *re* the next international conference on low temperature physics (LT 11), with B.H. Flowers *re* a variety of matters (among them the question of how the news of the demise of the HMFL Project should be handled), and with Sir Frank Francis of the British Museum *re* the automation of libraries, etc.

J.160 G 1967-1968

Includes correspondence with S. Gill *re* difficulties in providing evidence to the Dainton Committee, recently established to report on the national libraries. Also includes correspondence with C.J. Gorter *re* his recent Fritz London

Correspondence, J.1-J.1310

lecture and the desirability of reviving friendly relations between the Kammerlingh Onnes Laboratory and the Clarendon.

J.161, J.162

H

1967-1968

J.161 includes correspondence with E.D. Haidemenakis *re* the implications of the escalating political situation in Greece for Kurti's participation in the proposed NATO summer school there. Also includes correspondence with Sir Harold Hartley *re* the preservation of scientific archives, and with G.G. Haselden *re* liquid methane storage etc. J.162 includes correspondence with M.G.N. Hine of CERN *re* the meeting on Superconductor Technology in Europe (with excerpts from a draft report etc.), and with S.G. Hooker *re* university-industry relations, etc.

2 folders.

J.163

I, J

1967-1968

Includes correspondence with Baron Ironside of Cryosystems Ltd *re* cryogenic terminology, with T. Johnson *re* his *Sunday Times* articles on the Oxford Instruments Company and the BOC-Edwards merger, with C. Jolliffe of the SRC *re* the HMFL project and the Oxford Advanced Cryogenics Course, with Sir Sydney Jones *re* a symposium on railway research, etc.

The BOC Group acquired Edwards High Vacuum Ltd in 1968. The Oxford Advanced Cryogenics Course was an 18-day residential course designed for senior personnel in industry and government establishments to retain their awareness of new developments and to remain 'fundamentals conscious'.

J.164

K

1967-1968

J.165

L

1967-1968

Includes correspondence with F. Lange of the Institut für Tieftemperaturphysik, Dresden, with J.D. Lawson of the Rutherford High Energy Laboratory, Chilton, Berkshire *re* the new Advanced Cryogenics Course, with B. Lax of the National Magnet Laboratory (NML) at the Massachusetts Institute of Technology, USA, *re* demagnetisation work done at the NML, and with the Department of Education

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and Science *re* funding for E.D. Haidemenakis's proposed summer school.

J.166-J.168

M

1967-1968

J.166 includes correspondence with J.R. Maddox, editor of *Nature*, *re* the 'brain drain' etc, and with Mme B. Marger of the French Embassy, London, *re* a future Colloque de Caen Franco-Britannique, etc. J.167 is correspondence with D.C. Martin of the Royal Society on a broad range of themes, including science teaching in schools, postgraduate training, catering at Carlton House Terrace, the fate of the Chadwick archives, etc. J.168 includes correspondence with H.A. Moe *re* the personal papers of eminent scientists, and with D.B. Montgomery *re* his report on the 'Design of High Field Solenoids'.

3 folders.

In 1966, Montgomery had spent two months at the Clarendon Laboratory as a Senior Visiting Fellow, the results of which were summarised in his report.

J.169

N, O

1967-1968

Includes correspondence with Westonbirt School, Tetbury, Gloucestershire, *re* the suitability of the school premises for European Physics Research Conferences.

J.170

P, Q

1967-1968

Includes correspondence with D.H. Parkinson of the Radar Research Establishment *re* a possible reorganisation of the Cryogenics Panel (the former Cryogenic Equipment Panel) into a joint SRC/Ministry of Technology venture, and with D.G. Pearce of AERE *re* his survey of the British cryogenic industry.

J.171

R

1967-1968

Includes correspondence with J.A. Ratcliffe *re* the notion that radioastronomy is a more effective training for industry than other branches of physics, with G.V. Raynor *re* the Cryogenics Committee, with the Ministry of Technology *re* the previous work of the Cryogenics Panel, and with the Biological Secretary of the Royal Society, A.A. Miles, *re* funding for space biological research.

Correspondence, J.1-J.1310

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|---|-------------------|-----------|
| J.172, J.173  | S                 | 1967-1968 |
| <p>Includes correspondence with R.J. Slaughter of BICC <i>re</i> testing samples of superconducting materials.</p> <p>2 folders.</p>  |                   |           |
| J.174   | T, U, V           | 1967-1968 |
| <p>Includes correspondence with the Foreign Secretary of the Royal Society <i>re</i> meeting on superconductor technology in Europe in October 1968, with the editor of <i>The Times re</i> East-West trade etc., and with H. Trevor-Roper and Dame Joan Vickers <i>re</i> SACU, etc.</p>   |                   |           |
| J.175   | W                 | 1967-1968 |
| <p>Includes correspondence <i>re</i> an incident of March 1967 when Kurti broke the automatic exit barrier at Oxford Station car park because it was jammed. Also includes correspondence with J.V. Wagstaffe of the SRC <i>re</i> the Cryogenics Panel, and with Sir Kenneth Wheare, President of the British Academy, <i>re</i> closer collaborations between the British Academy and the Royal Society and the 'jungle' of modern scientific and technical vocabulary.</p> |                   |           |
| J.176   | Z, Miscellaneous  | 1967-1968 |
| <p>Includes correspondence with M. Zvegintzov <i>re</i> the Cryogenics Panel etc.</p>   |                   |           |
| J.177-J.204   | '19 Feb-6 Nov 68' | 1968      |
| <p>Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.</p>  |                   |           |
| J.177   | A                 | 1968      |
| <p>Includes correspondence with P. Agron <i>re</i> the foundation of an organisation to consider scientific and technical terminology, with E. N. da C. Andrade <i>re</i> the archives of eminent scientists, and with H.S. Arms <i>re</i> 'the difficulties that industry has in competing with universities and Government research establishments in recruiting', etc.</p>   |                   |           |

Correspondence, J.1-J.1310

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|---|---|------|
| J.178, J.179  | B | 1968 |
| <p>Includes correspondence <i>re</i> ordering by magnetic dipolar interactions, <i>re</i> the fate of the papers of eminent scientists, <i>re</i> the 'indiscriminate use' of the word 'cryogenic' in the reports of the UK Scientific Mission in the USA, etc. J.179 also includes a report of Kurti's visit to the Netherlands in June 1968.</p> <p>2 folders.</p>  |   |      |
| J.180, J.181  | C | 1968 |
| <p>Includes correspondence with Classic Publications Ltd <i>re</i> suitable people to write brief articles on the role of research in industry, with H.B.G. Casimir of the Philips Research Laboratories <i>re</i> an international meeting on the technology of large superconducting magnets, with P.F. Chester of the Electricity Council Research Centre <i>re</i> novel methods of cooking with the aid of electricity, etc.</p> <p>2 folders.</p> |   |      |
| J.182   | D | 1968 |
| <p>Includes correspondence with J.G. Daunt <i>re</i> the editorial policy of the <i>Journal of Low Temperature Physics</i>. Also includes correspondence <i>re</i> the 'brain drain', and a joint meeting of the Low Temperature Group and the Magnetism Group of the Institute of Physics and the Physical Society on the subject of 'Ordering by Dipolar Interaction', etc.</p>   |   |      |
| J.183   | E | 1968 |
| <p>Includes correspondence with the editor of <i>Physics Today</i> <i>re</i> an article on graduate students, and with R.H. Ellis of the Historical Manuscripts Commission <i>re</i> M.M. Gowing's pilot survey on preserving scientific archives.</p> <p>The pilot survey on scientific archives led to the foundation of the Contemporary Scientific Archives Centre (CSAC), Oxford, in 1973. See H.123-H.270.</p>                                    |   |      |
| J.184, J.185  | F | 1968 |
| <p>J.184 is chiefly correspondence with D.M. Finlayson <i>re</i> the</p>  |   |      |

**Correspondence, J.1-J.1310**

programme of LT 11. Also includes correspondence with J. Farrant *re* the new Society for Low Temperature Biology. J.185 includes correspondence with B.H. Flowers *re* the suitability of computers as topic of a Royal Society Review Lecture, SRC policy *re* fundamental science, the difference between training for technology and doing research in technology, etc. Also includes letters to J.S. Forrest of the Central Electricity Research Laboratory *re* long-term research in the electricity supply industry, etc.

2 folders.

Kurti was the chairman of the Society for Low Temperature Biology.

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|-------|---|------|
| J.186 | G   | 1968 |
|       | Includes correspondence <i>re</i> the BBC programme 'The Lindemann Enigma' and with J.C. Gorter of the Kamerlingh Onnes Laboratorium, Leiden, Netherlands <i>re</i> the need to coordinate international LT conferences with smaller research conferences such as those organised by the European Physical Society. Also includes letters to M.M. Gowing <i>re</i> arrangements for the pilot project on scientific archives. |      |
| J.187 | H   | 1968 |
|       | Includes correspondence with Sir Harold Hartley <i>re</i> the preservation of scientific papers, with the engineer D.W. Holder <i>re</i> a report on postgraduate training in engineering, and with S.G. Hooker <i>re</i> their joint report as Vice-Presidents of the Royal Society on the problem of industry-university collaboration etc.   |      |
| J.188 | I, J  | 1968 |
|       | Includes correspondence <i>re</i> scientific acronyms and the Hooker-Kurti report, and with Johnson Matthey Metals Ltd <i>re</i> the measurement of cryogenic temperatures.   |      |
| J.189 | K   | 1968 |
|       | Includes correspondence with R.W.J. Keay <i>re</i> the Hooker-Kurti report and its distribution, the potential use of the Casa Malaparte (a villa on the Isle of Capri, Italy) as the seat of the new Commission on the History of  |      |

Correspondence, J.1-J.1310

Oceanography or for the Naples Zoological Station, etc. Also includes correspondence *re* a joint meeting with the British Academy on scientific methods in archaeology.

J.190 L 1968

Includes correspondence with C. Laverick *re* his publications and the use of SI units in them.

J.191-J.194 M 1968

J.191 includes correspondence with W.H. McFadzean, Chairman of BICC, *re* his views on research and industry, with F.R. McKim *re* Kurti's upcoming Sixth Form talk at Marlborough College, Wiltshire on 'Physics and the Joys of Life', and with W.C. Marshall on Gowing's pilot survey. J.194 includes correspondence *re* a proposed 'Oxford Advanced Cryogenics Course Trust'.

4 folders.

J.195 N, O 1968

Includes correspondence with the editor of the *Observer* *re* the practice of channelling money into research through Defence Departments, and with the deputy editor of the *New Scientist* *re* the regrettable practice of using acronyms in publications that are not directed at specialists.

J.196, J.197 P 1968

Includes correspondence *re* invitations for Kurti to attend conferences in Hungary and (with the British Council) *re* the visit of the Soviet physicist O.A. Chilashvili. Also includes correspondence *re* the pilot survey, editorial correspondence *re* the *Physics Bulletin*, etc.

2 folders.

J.198 R 1968

Includes correspondence *re* 'the Strategic Embargo List so far as it affects the export of Cryogenic Equipment', the Hooker-Kurti report, etc.

Correspondence, J.1-J.1310

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|--------------|--|------|
| J.199, J.200 | S  | 1968 |
|              | Includes correspondence about visits, meetings, the Society for Low Temperature Biology, etc.  |      |
|              | 2 folders.   |      |
| J.201        | T  | 1968 |
|              | Includes correspondence with the Foreign Secretary of the Royal Society <i>re</i> a proposed joint Royal Society/CERN conference on superconductor technology, Kurti's recent visit to Hungary, East/West networks of cooperation <i>re</i> high magnetic fields, etc.   |      |
| J.202        | U, V   | 1968 |
|              | Includes correspondence with J.H. Van Vleck of Harvard University, USA, <i>re</i> his upcoming Royal Society Review Lecture, and with J. Volger of the Philips Research Laboratories in Eindhoven, Netherlands, <i>re</i> his lecture on Flux Pumps and similar devices at the upcoming meeting of the LT Group of the Institute of Physics.   |      |
|              | Van Vleck, who was awarded a Nobel Prize for Physics in 1977, was a personal friend of Kurti.  |      |
| J.203        | W  | 1968 |
|              | Includes correspondence with C.V. Wedgwood <i>re</i> the pilot survey, with G.A. Whitfield <i>re</i> future cryogenic work at the College of Aeronautics, Cranfield, and with A.L. Williams <i>re</i> his thesis that the majority of Ph.D.s are useless as far as work in industry is concerned, and with the Director of the Association of Special Libraries and Information Bureaux (Aslib). |      |
|              | A.L. Williams was Director of Research at the Central Research & Engineering Division of BICC. Kurti was the Royal Society's representative on the Council of Aslib.   |      |
| J.204        | Z, Miscellaneous   | 1968 |

Correspondence, J.1-J.1310

J.205-J.271	'7 Nov 68-Sep 71'	1968-1971
	Contents of 5 ring binders so inscribed. Found arranged alphabetically and in chronological order.	
	Key topics include cryogenic terminology, LT-12 (Kyoto, Japan), the strategic embargo list, European Physical Society matters, the pilot project on scientific manuscripts, the preservation of unused film footage, cooperation between the Royal Society and the British Academy, the recent declassification of research originating with the Tube Alloys Project, Aslib, the Science of Science Foundation, Kurti's performances as physicist in the kitchen, power lines and the preservation of the countryside, etc.	
J.205-J.208	A	1968-1971
	4 folders.	
J.209-J.213	B	1968-1971
	Includes correspondence <i>re</i> Institute of Physics matters.	
	5 folders.	
	In July 1969, Kurti had been elected to the Council of the IPPS.	
J.214-J.217	C	1968-1971
	Includes correspondence <i>re</i> the potential of microwave cooking, Einstein's visit to England in 1921, professional careers for graduate scientists and engineers, IPPS-IOP matters, etc.	
	4 folders.	
J.218	D	1968-1971
J.219, J.220	E	1968-1971
	2 folders.	

Correspondence, J.1-J.1310

- |   |      |           |
|---|------|-----------|
| J.221, J.222  | F    | 1968-1971 |
| <p>Includes correspondence <i>re</i> changes at the College of Aeronautics, Cranfield, the discontinuation of the Cryogenics Panel, information management on the part of the SRC, the dress code at the Maison Française Garden Party, etc.</p> <p>2 folders.</p>  |      |           |
| J.223-J.225   | G    | 1968-1971 |
| <p>Includes correspondence <i>re</i> BICC's interest in superconductivity, recognition of the early British contributions to the jet separation method, conference on high magnetic fields at the University of Nottingham, inauguration of the Amphithéâtre Louis Weil in Grenoble, etc.</p> <p>3 folders.</p> |      |           |
| J.226-J.229   | H    | 1968-1971 |
| <p>Includes correspondence <i>re</i> British resistance to decimalisation, the weight of eggs at the time of Mrs Beeton, etc. J.227 includes a draft of Kurti's introduction to <i>Cryogenic Fundamentals</i>, ed. G.G. Haselden (London, 1971).</p> <p>4 folders.</p>  |      |           |
| J.230, J.231  | I, J | 1968-1971 |
| <p>Includes correspondence <i>re</i> delays to implement recommendations made by the Cryogenics Panel, the cost of participating in the high magnetic field installation at Grenoble, R.V. Jones's contribution to a BBC programme on F.A. Lindemann, etc.</p> <p>2 folders.</p>                                |      |           |
| J.232-J.234   | K    | 1968-1971 |
| <p>Includes correspondence <i>re</i> the future of the Cranfield Institute of Technology, problems of cooling below <math>10^{-3}</math>K, the desirability of communicating in SI units, the work of the Hooke Committee of the Royal Society, the SCR's</p>   |      |           |

Correspondence, J.1-J.1310

- Cryogenics Panel, etc.  
3 folders.
- J.235-J.237                      L    1968-1971
- Includes correspondence *re* arrangements for Kurti's filmed lectures 'The Temperature Traveller', technologies of temperatures below 20°K, the Royal Society-IPPS working party on the relationship between university education in physics and the needs of industry, etc.
- 3 folders.
- J.238-J.241                      M    1968-1971
- Includes correspondence *re* the high flux beam reactor in Grenoble, the work of the British Cryogenics Council (BCC), the Simon Memorial Prize of 1970 (including a draft of Kurti's speech on the occasion), etc.
- 4 folders.
- Kurti was a member of the Board of the BCC. In 1970, the Simon Memorial Prize went to W. Meissner.
- J.242, J.243                      N    1968-1971
- Includes correspondence *re* similarities between A.W.B. Taylor's book on superconductivity and *Introduction to Superconductivity* by A.C. Rose-Innes and E.H. Rhoderick (see E.433).
- 2 folders.
- J.244                                      O    1968-1971
- Includes correspondence *re* decimalisation. Also includes letters to the local press.
- J.245-J.247                      P,Q    1968-1971
- Includes correspondence *re* university teaching of physicists, the Grenoble High Field Laboratory, the conference on high magnetic fields at the University of

Correspondence, J.1-J.1310

Nottingham, J.H. van Vleck's intimate knowledge of railway regulations and timetables, etc.

3 folders.

J.248, J.249                      R    1968-1971

Includes correspondence *re* a joint celebration of the centenary of the Physical Society and the Société Française de Physique, the history of cryogenics, etc.

2 folders.

J.250-J.254                      Royal Society    1968-1971

5 folders.

J.255-J.261                      S    1968-1971

Includes correspondence *re* the records of the Academic Assistance Council (later the Society for the Protection of Science and Learning)

7 folders.

J.262, J.263                      T    1968-1971

J.263 includes correspondence with the editor of *The Times*.

2 folders.

J.264                                      U, V    1968-1971

J.265, J.266                      W    1968-1971

2 folders.

J.267                                      Y, Z    1968-1971

Correspondence, J.1-J.1310

- |              |   |                    |
|--------------|---|--------------------|
| J.268-J.270  | <p>'File copies of circulars'</p> <p>Contents of a folder so inscribed.</p> <p>Circular letters, exam questions, notes and reports on meetings, etc.</p> <p>3 folders.</p>  | 1968-1971,<br>n.d. |
| J.271        | <p>'Master copies &amp; spare copies'</p> <p>Contents of a folder so inscribed.</p> <p>Circular letters <i>re</i> meetings on the terminology of cryogenics, travel arrangements for LT 12, etc.</p>  | 1969-1970,<br>n.d. |
| J.272-J.315  | <p>'6 Sep 71-23 Feb 73'</p> <p>Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.</p> <p>Topics include scientific terminology, LT 13 (Boulder, Colorado, USA), the 1973 meeting of the British Association for the Advancement of Science (BAAS) in Canterbury, Kent, the Europhysics Study Conference on thermometry below 50 mK (Albé, France), the joint celebration of the centenary of the Physical Society and the Société Française de Physique (Jersey, April 1974), the work of the Advisory Committee for Research on Measurements and Standards, the ICSU Committee on Data for Science and Industry, Kurti as physicist in the kitchen and his reflections on physics and happiness, etc.</p> | 1971-1973          |
| J.272, J.273 | <p>A</p> <p>Includes correspondence <i>re</i> the papers of the recently deceased E. N. da C. Andrade.</p> <p>2 folders.</p>  | 1971-1973          |
| J.274-J.277  | <p>B</p> <p>Includes correspondence <i>re</i> the Science Policy Foundation (of whose Committee of Management Kurti was the chairman) and <i>re</i> Kurti's presidential address to Section AA* at the upcoming BAAS meeting in Canterbury, Kent.</p> <p>4 folders.</p>   | 1971-1973          |

Correspondence, J.1-J.1310

J.278-J.280	C	1971-1973
	Includes correspondence <i>re</i> the structure and fabric of the cathedral of Canterbury and its preservation.	
	3 folders.	
J.281, J.282	D	1971-1973
	Includes correspondence <i>re</i> cryonics.	
	2 folders.	
J.283	E	1971-1973
	Includes correspondence <i>re</i> the neologism 'microsonics' and a draft of Kurti's response to the Rothschild Report on the organisation and management of government R&D (1971).	
J.284, J.285	F	1971-1973
	2 folders.	
J.286, J.287	G	1971-1973
	2 folders.	
J.288-J.290	H	1971-1973
	3 folders.	
J.291, J.292	I, J	1971-1973
	J.292 includes correspondence <i>re</i> the application of physics to the visual arts and <i>re</i> the high magnetic field installation in Grenoble.	
	2 folders.	

Correspondence, J.1-J.1310

J.293, J.294	K	1971-1973
	J.294 includes correspondence <i>re</i> cryogenics. 2 folders.	
J.295, J.296	L	1971-1973
	J.296 includes correspondence <i>re</i> a study conference held under the auspices of the NATO Scientific Committee on the Technology of Efficient Energy Utilization. 2 folders.	
J.297, J.298	M	1971-1973
	2 folders.	
J.299	N	1971-1973
J.300	O	1971-1973
J.301, J.302	P, Q	1971-1973
	Includes correspondence with D.E. Pegg <i>re</i> low temperature biology. Also includes correspondence <i>re</i> stained glass and its preservation. 2 folders.	
J.303, J.304	R	1971-1973
	2 folders.	
J.305-J.307	Royal Society	1971-1973
	J.305 includes Kurti's application to the Paul Instrument Fund, <i>re</i> support for the project of an integrating nuclear magnetic resonance thermometer. See also C.105-C.108. 3 folders.	

Correspondence, J.1-J.1310

J.308-J.310	S  3 folders.	1971-1973
J.311, J.312	T  Includes correspondence with R. Thévenot of the IIR-IIF <i>re</i> the 'Glossary of Terms in Cryology', a working title for their efforts to create a glossary of cryogenic terminology.  2 folders.	1971-1973
J.313	U, V	1971-1973
J.314	W	1971-1973
J.315	X-Z, Miscellaneous	1971-1973
J.316-J.342	'Correspondence 1973-Filed alphabetically-(not replies)-To NCU'  Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.  Topics include the Jersey conference, the newly opened Contemporary Scientific Archives Centre (CSAC), the Science Policy Foundation, CODATA, European Physical Society and Institute of Physics matters (including Kurti's resignation from Council), a projected lecture series at Oxford on 'Physics v. The Rest', scientific terminology, etc.	1973
J.316	A	1973
J.317, J.318	B  2 folders.	1973
J.319, J.320	C  2 folders.	1973

Correspondence, J.1-J.1310

J.321	D	1973
J.322	E	1973
J.323	F	1973
	Includes correspondence with B.H. Flowers <i>re</i> Kurti's resignation from the Council of the Institute of Physics.	
J.324	G	1973
J.325	H	1973
J.326	Institute of Physics	1973
	Chiefly editorial correspondence.	
J.327	J	1973
J.328, J.329	K	1973
	J.329 includes correspondence <i>re</i> a study conference held under the auspices of the NATO Scientific Committee on the Technology of Efficient Energy Utilization.	
	2 folders.	
J.330	L	1973
J.331, J.332	M	1973
	J.332 includes correspondence <i>re</i> Lord Hailsham.	
	2 folders.	

Correspondence, J.1-J.1310

J.333	N, O	1973
J.334	P	1973
J.335	R	1973
	Includes correspondence with Lady Roberthall <i>re</i> the papers of her late father.	
J.336	Royal Society	1973
J.337, J.338	S	1973
	2 folders.	
J.339	T	1973
J.340	U, V	1973
J.341	W	1973
J.342	Y, Z	1973
J.343-J.372	'1974'	1974

Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.

Key topics include the Jersey conference, international collaborations *re* high magnetic fields, energy research, Commission A1 (Cryophysics) of the IIF-IIR, the CODATA meeting in Yerevan, Armenia, Europhysics conferences and other European Physical Society matters, Kurti's lectures on 'Physics and happiness' and 'Physics for profit or for pleasure', the lecture series 'Physics: versus or with



Correspondence, J.1-J.1310

J.354	I, J	1974
J.355, J.356	Jersey conference 2 folders.  This conference marked the 100th Anniversaries of the Physical Society and the Société Française de Physique, St Helier, Jersey, 5-9 April 1974 (see H.768-H.780).	1974
J.357	K	1974
J.358	L	1974
J.359, J.360	M 2 folders.	1974
J.361	N	1974
J.362	O	1974
J.363	P  Includes correspondence with R. Pauthenet of the SNCI <i>re</i> Kurti's forthcoming presentation on 'High Magnetic Fields: in Retrospect and Prospect'.	1974
J.364	R	1974
J.365-J.367	Royal Society  Includes draft report on Kurti's visit to Rumania, 1974.  3 folders.	1974

Correspondence, J.1-J.1310

J.368, J.369	S  2 folders.	1974
J.370	T	1974
J.371	U-W	1974
J.372	Y, Miscellaneous  Includes a typescript of Kurti's presentation 'General review and energy technology, including the hydrogen economy'. Also includes a report on a meeting to discuss progress on the NATO-supported project 'Construction of polyhelix magnet coils'.	1974
J.373-J.394	'1975'  Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.  Key topics include Kurti's retirement in October 1975, the future of Commission A1 (Cryophysics) of the Institut International du Froid, European Physical Society conferences, the activities of the Unification Church and the International Cultural Foundation, the NATO Science Committee Conference on Thermal Energy Storage, Harwell's Energy Technology Support Unit (for which Kurti acted as a part-time consultant), W.C. Marshall's Combined Heat and Power Group, the summer school 'Aspects of Energy Conversion' (Oxford), culinary physics, the lecture series 'Physics: versus or with the rest?', etc.	1975
J.373	A	1975
J.374, J.375	B  2 folders.	1975
J.376	C	1975

Correspondence, J.1-J.1310

J.377	D	1975
J.378	E	1975
J.379	F	1975
J.380	G	1975
J.381, J.382	H 2 folders.	1975
J.383	I, J	1975
J.384	K	1975
J.385	L	1975
J.386	M	1975
J.387	N, O	1975
J.388	P, Q, R	1975
J.389	Royal Society  Includes a typescript of the English translation of the remarks made by Kurti at the closing session of the Hungarian Academy of Sciences' 150th anniversary jubilee general assembly, and of his report on the occasion (see also G.182-G.184).	1975

Correspondence, J.1-J.1310

J.390, J.391	S  2 folders.	1975
J.392	'Summer school 1975'  Material <i>re</i> the summer school 'Aspects of Energy Conversion', Lincoln College, Oxford, 14-25 July 1975.	1975
J.393	T, U, V, W	1975
J.394	Z, Miscellaneous  Includes typescripts of notes on heat transport etc.	1975
J.395-J.414	'1976'  Contents of a ring binder so inscribed. Found arranged alphabetically and in chronological order.  Topics include energy research, Commission A1 of the Institut International du Froid and its amalgamation with Commission A2, EPS study conferences, the work of Contemporary Scientific Archives Centre, International Conferences on the Unity of the Sciences (ICUS), Kurti's Simon-Cherwell Lecture, his performances as physicist in the kitchen, and the 100th anniversary (in 1977) of the first liquefaction of oxygen by Cailletet in France and Pictet in Switzerland, etc.	1975-1977
J.395	A	1975-1977
J.396, J.397	B  J.397 includes correspondence with Scottish distilleries.  2 folders.	1975-1977
J.398	C, D	1976-1977

Correspondence, J.1-J.1310

J.399	E	1975-1977
	Includes Kurti's notes on a visit to the Electricity Council Research Centre, 22 July 1977.	
J.400	F, G	1976-1977
J.401	H	1976-1977
J.402	International Cultural Foundation	1976-1977
J.403	I, J	1976-1977
J.404	K	1976-1977
J.405	L	1976-1977
J.406, J.407	M	1976-1977
	J.406 includes correspondence with members of the BBC's Science Consultative Group.	
	2 folders.	
J.408	N, O	1975-1977
J.409	P, R	1976-1977
J.410, J.411	Royal Society	1976-1977
	2 folders.	

**Correspondence, J.1-J.1310**

J.412 S 1976-1977

J.413 T, U, V, W 1976-1977

J.414 Y, Miscellaneous 1976-1977

Includes typescripts with the following titles: 'Note on some heat-pump work in France', 'Notes on a discussion ... concerning the Nuffield College heat pump', 'Notes of a joint meeting of the Deutscher Kältetechnischer Verein and of IIR Commission A1-2', 'Note on the Franco-Swedish meeting on energy economics' (March 1977), 'Combined chemical heat pumping and energy storage schemes ...', 'Summary of a lecture given (in German) at the Fritz Haber Institut of the Max Planck Gesellschaft in West Germany ...', 'Le stockage et le transport de l'énergie', 'A guide to energy paper number 20 ...', 'Utilisation des lits fluidisés', etc.

**J.415-J.716 CHRONOLOGICAL SERIES 1976-1998**

Contents of Kurti's folders of copies of outgoing correspondence. In chronological order.

**J.415-J.433 '1976-1977' 1976-1977**

Topics covered include European Physical Society conferences, Kurti's consultancy with British Insulated Callender's Cables (BICC), the representation of engineering industry in the Royal Society, energy concerns, CODATA business, the centenary of the liquefaction of oxygen, terminology, Kurti's performances as physicist in the kitchen, etc.

J.415-J.422 'Dec 1976-Aug 1977' 1976-1977

Includes incoming correspondence.

J.415 December-January 1976-1977

Correspondence, J.1-J.1310

J.416	February	1977
J.417	March Includes correspondence in Hungarian.	1977
J.418	April	1977
J.419	May	1977
J.420	June	1977
J.421	July	1977
J.422	August	1977
J.423-J.433	'Apr-Dec 1977' Topics include the LT 15 conference, and the Maison Française in Oxford (whether it should have a scientific director).	
J.423	April-July	
J.424-J.426	August 3 folders.	
J.427	September	
J.428-J.430	October 3 folders.	

**Correspondence, J.1-J.1310**

J.431 November

J.432, J.433 December

2 folders.

**J.434-J.459 '1978'**

**1978**

Topics covered include CODATA, the International Cultural Foundation, the Department of Energy's Combined Heat and Power (CHP) Working Group, culinary physics, the end of Kurti's consultancy for the Energy Technology Support Unit and the start of Kurti's consultancy for the Atomic Energy Research Establishment, his resignation from the European Physical Society Sub-Committee on Study Conferences, work of the Task Groups on 'Key Values for Thermodynamic' and 'Internationalization and Standardization of Thermodynamic Data', the history of low temperature physics, Kurti's performances as physicist in the kitchen, etc.

J.434-J.436 January

3 folders.

J.437, J.438 February

2 folders.

J.439, J.440 March

2 folders.

J.441-J.443 April

3 folders.

J.444-J.446 May

3 folders.

Correspondence, J.1-J.1310

- J.447-J.449                      June
- J.448 includes a draft report on CODATA's work. J.449 includes a draft of Kurti's speech at the luncheon after the 6th annual Derek Ezra Lecture given by Sir Hermann Bondi, 22 June, and of Kurti's comments on 'CHP Group Draft Final Report'
- 3 folders.
- J.450, J.451                      July
- J.451 includes correspondence with M. Goldsmith of the Science Policy Foundation *re* the work of the Finniston Committee, set up to consider the contribution of engineering to manufacturing industry in the UK
- 2 folders.
- J.452, J.453                      August
- J.452 includes drafts of Kurti's contributions to the 'Report of the Energy Storage Group' and his 'Reflexions on "Nationality" and "Citizenship" '.
- 2 folders.
- J.454                                  September
- J.455, J.456                      October
- 2 folders.
- J.457                                  November
- J.458, J.459                      December
- J.459 includes a draft of Kurti's review of *Local Energy Centres* (ed. N.J.D. Lucas, 1978).
- 2 folders.

Correspondence, J.1-J.1310

J.460-J.478

'1979'

1979

Topics covered include CODATA, Kurti's article in *Nature* on the congresses sponsored by the International Cultural Foundation, Energy Paper 20 which reported the findings of the CHP Working Group, Kurti's Humphry Davy Lecture and his forthcoming visit to Amherst College, Massachusetts, USA, etc.

Kurti spent the winter term at Amherst College, where he was invited as Distinguished Visiting Professor.

J.460, J.461

January

J.461 includes correspondence *re* P. Rosbaud's collection of photographs of famous scientists of the early 20th century.

2 folders.

J.462, J.463

February

Includes correspondence *re* the history of solid state physics.

2 folders.

J.464, J.465

March

J.464 includes material *re* the International Assembly on Energy Storage. J.465 includes a CODATA fantasy budget for 1980.

2 folders.

J.466, J.467

April

2 folders.

J.468, J.469

May

J.468 includes a draft of a circular Kurti sent to the panel ('On Thermal and Thermochemical Energy Storage') he chaired at the International Assembly on Energy Storage,

Correspondence, J.1-J.1310

Dubrovnik, Yugoslavia, 27 May-1 June 1979.

2 folders.

J.470, J.471

June

J.471 includes a draft on 'Some CODATA activities which might qualify for UNESCO-UNISIST support in 1981-1983', a 'Note about District Heating (DH) and Combined Heat and Power (CHP)' and 'Notes on pending French legislation concerning energy conservation and the utilization of heat'.

2 folders.

J.472, J.473

July

J.472 includes a draft on 'Some remarks about energy economics in gas separation'.

2 folders.

J.474

August

Includes correspondence *re* a French television programme entitled 'L'Homme de Science en Angleterre', featuring Kurti, P. Auger and M. Ryle.

In mid-August, Kurti left for Amherst, where he spent the remainder of the year.

J.475

September

J.476

October

J.477

November

J.478

December

Correspondence, J.1-J.1310

J.479-J.502

'1980'

1980

Topics covered include CODATA, International Congresses on the Unity of the Sciences, LT 16 (where Kurti contributed a paper on the history of refrigeration), the translation of L. Néel's *Oeuvres scientifiques* (1978) into English, Kurti's Unesco book project ('Scientific Researchers: The Nature and Impact of their Work'), CSAC, Kurti's performances as physicist in the kitchen, etc.

J.479, J.480

January

2 folders.

J.481-J.483

February

Includes correspondence *re* the origins and meaning of the Royal Society's motto, 'nullius in verba'.

3 folders.

J.484, J.485

March

J.484 includes correspondence *re* an exhibition in the Radcliffe Science Library of P. Rosbaud's collection of photographs of famous scientists of the early 20th century.

2 folders.

J.486, J.487

April

J.486 includes a draft obituary of B. Dreyfus (Executive Secretary of CODATA 1974-1979), a short account of the life of P. Rosbaud, etc. J.487 includes correspondence *re* Kurti's decision to terminate his consultancy work for the Atomic Energy Research Establishment and not to continue as Treasurer for CODATA.

2 folders.

J.488, J.489

May

2 folders.



Correspondence, J.1-J.1310

English, CHP-DH, Kurti's presentations on 'Physics and the Joys of Life'.

J.503, J.504

January

J.504 includes drafts of van Vleck anecdotes and Kurti's entry for the *Observer magazine* Dinner Party Menu Competition.

2 folders.

J.505, J.506

February

J.505 includes drafts of Kurti's book reviews (*Concrete and Cryogenics* by F. H. Turner (1979), *The Technological Importance of Accurate Thermophysical Property Information*, ed. J.V. Sengers and M. Klein (1980)). J.506 includes an obituary of K. Mendelssohn.

2 folders.

J.507, J.508

March

J.508 includes a draft of Kurti's review of *Economics of Electric Utility Power Generation* by W.D. Marsh (1980).

2 folders.

J.509

April

Includes correspondence with P. Hoch about refugee scientists, a typescript entitled 'Is there a place for physics in cookery?', etc.

J.510

May

Includes a 10pp typescript of a lecture to open a course on Thermal Energy Storage to be held at JRC Euratom, Ispra, Italy. Also includes a typescript of Kurti's apology (in Italian) for not lecturing in that language.

J.511

June



Correspondence, J.1-J.1310

J.527, J.528

May

J.527 includes draft of recipes. J.528 includes  
correspondence re the origins of adiabatic  
demagnetisation.

2 folders.

J.529

June

J.530, J.531

July

2 folders.

J.532-J.534

August

3 folders.

J.535

September

J.536, J.537

October

2 folders.

J.538

November

J.539

December

**J.540-J.550**

**'1983'**

**1983**

J.540

January

J.541

February

Correspondence, J.1-J.1310

J.542 March

J.543 April

J.544 May

J.545 June

J.546 July

J.547 August

J.548 September

J.549 October-November

J.550 December

**J.551-J.561 '1984'**

**1984**

J.551 January

J.552 February

J.553 March

J.554 April

**Correspondence, J.1-J.1310**

J.555                      May-June

J.556                      July

J.557                      August

J.558                      September

J.559                      October

J.560                      November

J.561                      December

**J.562-J.573              '1985'**

**1985**

J.562                      January

J.563                      February

J.564                      March

J.565                      April

J.566                      May

J.567                      June

**Correspondence, J.1-J.1310**

J.568	July	
J.569	August	
J.570	September	
J.571	October	
J.572	November	
J.573	December	
<b>J.574-J.583</b>	<b>'1986'</b>	<b>1986</b>
J.574	January	
J.575	February	
J.576	March-April	
J.577	May	
J.578	June	
J.579	July	
J.580	August	

Correspondence, J.1-J.1310

J.581	September	
J.582	October-November	
J.583	December	
<b>J.584-J.596</b>	<b>'1987'</b>	<b>1987</b>
J.584	January	
J.585	February	
J.586	March	
J.587	April	
J.588	May	
J.589	June	
J.590	July	
J.591, J.592	August	
	2 folders.	
J.593	September	
J.594	October	

Correspondence, J.1-J.1310

J.595 November

J.596 December

**J.597-J.609** '1988'

**1988**

J.597, J.598 January  
2 folders.

J.599 February

J.600 March

J.601 April

J.602 May

J.603 June

J.604 July

J.605 August

J.606 September

J.607 October

J.608 November

Correspondence, J.1-J.1310

J.609                      December

**J.610-J.620**

**'1989'**

**1989**

J.610                      January

J.611                      February

J.612                      March

J.613                      April

J.614                      May

J.615                      June

J.616                      July

J.617                      August

J.618                      September

J.619                      October-November

J.620                      December

**J.621-J.632**

**'1990'**

**1990**

Correspondence, J.1-J.1310

J.621                    January

J.622                    February

J.623                    March

J.624                    April

J.625                    May

J.626                    June

J.627                    July

J.628                    August

J.629                    September

J.630                    October

J.631                    November

J.632                    December

**J.633-J.643            '1991'**

**1991**

J.633                    January

Correspondence, J.1-J.1310

J.634 February

J.635 March

J.636 April

J.637 May

J.638 June

J.639 July

J.640 August

J.641 September

J.642 October

J.643 November-December

**J.644-J.654** '1992'

**1992**

J.644 January

J.645 February

J.646 March

Correspondence, J.1-J.1310

J.647	April
J.648	May
J.649	June
J.650	July
J.651	August
J.652	September
J.653	October
J.654	November-December
<b>J.655-J.666</b>	<b>'1993'</b>
J.655	January
J.656	February
J.657	March
J.658	April
J.659	May

1993

**Correspondence, J.1-J.1310**

J.660 June

J.661 July

J.662 August

J.663 September

J.664 October

J.665 November

J.666 December

**J.667-J.678 '1994'**

**1994**

J.667 January

J.668 February

J.669 March

J.670 April

J.671 May

J.672 June

Correspondence, J.1-J.1310

J.673 July

J.674 August

J.675 September

J.676 October

J.677 November

J.678 December

**J.679-J.688 '1995'**

**1995**

J.679 January

J.680 February

J.681 March

J.682 April

J.683 May

J.684 June

J.685 July

**Correspondence, J.1-J.1310**

J.686	August	
J.687	September-October	
J.688	November-December	
<b>J.689-J.699</b>	<b>'1996'</b>	<b>1996</b>
J.689	January	
J.690	February	
J.691	March	
J.692	April	
J.693	May-June	
J.694	July	
J.695	August	
J.696	September	
J.697	October	
J.698	November	

**Correspondence, J.1-J.1310**

J.699	December	
<b>J.700-J.710</b>	<b>1997</b>	<b>1997</b>
J.700	January	
J.701	February	
J.702	March	
J.703	April	
J.704	May	
J.705	June	
J.706	July	
J.707	August	
J.708	September	
J.709	October	
J.710	November-December	
<b>J.711-J.716</b>	<b>'1998'</b>	<b>1998</b>
J.711	January	

**Correspondence, J.1-J.1310**

J.712 February  
J.713 March  
J.714 April  
J.715 May-June  
J.716 July-September

**J.717-J.1036**

**PERSONAL CORRESPONDENCE**

**1944-1997**

Contents of Kurti's folders of 'Personal' correspondence: letters of congratulation, condolence, *re* retirement of colleagues, a great variety of social occasions, Hungarian connexions, representations about service levels of public and commercial bodies and correspondence with colleagues and others about a wide range of Kurti's scientific and non-scientific interests including energy matters, history of science and archives, cookery, music etc.

**J.717-J.734**

**'Personal - A'**

**1958-1996**

J.717-J.720

A. Abragam

1966-1994

French physicist who contributed to nuclear magnetic resonance and electron paramagnetic resonance and was Professor at the Collège de France, 1960-1985.

4 folders.

J.717

1966-1979

Correspondence, J.1-J.1310

J.718	1980-1988	
J.719, J.720	1993-1994	
	Correspondence and papers <i>re</i> Scientific Day in Honour of Anatole Abragam, 3 June 1994, Ormes des Merisiers, CE-Saclay, France.	
	2 folders.	
J.721	Abraham - Air Liquide	1961-1994
J.722	Akademie der Wissenschaften der DDR	1975-1991
J.723	Aldabara - Allason	1972-1993
J.724	J.F. Allen	1970-1996
	Allen was Head of the Department of Physics, University of St Andrews.	
J.725	Allibone - Amaldi	1974-1996
J.726	E. Ambler	1967-1986
	Ambler did his PhD work with Kurti at the Clarendon Laboratory and subsequently made his career at the National Bureau of Standards, Washington DC.	
J.727	J. Ambrózný	1985
J.728	Amherst College, Massachusetts	1978-1980
	<i>re</i> visit by Kurti autumn 1979.	

**Correspondence, J.1-J.1310**

J.729	Anderson - Appleton	1966-1985
J.730-J.731	E.N. da C.Andrade  Andrade was Emeritus Professor of Physics, University of London.  2 folders.  At J.731 is copy of Andrade's 'Documented facts concerning the affair at the Royal Institution', sent to Kurti May 1966.  1974 correspondence is with Andrade's widow.	1958-1974
J.732	M.D. Archer	1977-1993
J.733	Arnold - Atwell	1960-1993
J.734	Austin - Auty	1973-1981
<b>J.735-J.756</b>	<b>'Personal - B'</b>	<b>1957-1993</b>
J.735-J.736	F.T. Bacon  Bacon was the British engineer who developed the first practical hydrogen-oxygen fuel cell.  2 folders.  At J.736 is copy of paper by Bacon 'Energy Storage using Fuel Cells' read at Institution of Electrical Engineers colloquium 23 May 1966.	1964-1967
J.737	Baddiley - Balaban	1967-1982
J.738	N. L. Balazs  Balazs writes from the Physical Laboratory, State University of New York, Stony Brook.	1972

Correspondence, J.1-J.1310

J.739	Bald - Banyard	1972-1992
J.740	Barclay - Barkan	1973-1986
J.741	Barrett - Baxandall	1963-1987
J.742	BDH Chemicals Ltd - Békési	1970-1993
J.743-J.744	M. Beloff  Belloff was the first Principal of University College Buckingham.  Correspondence and papers <i>re</i> questions relating to the acceptance of degrees of the proposed independent University College at Buckingham by the Council for National Academic Awards.  2 folders.	1974
J.745	Benjamin - Birmingham	1964-1981
J.746	P.M.S. Blackett  Correspondence arising from Blackett's 1958 Rutherford Memorial Lecture.  1979 correspondence is with Blackett's widow.	1957-1960, 1979
J.747	Blackman - Bloch	1960-1986
J.748	Boas - Boltz	1970-1978
J.749	Bondi - Bramah	1966-1992

**Correspondence, J.1-J.1310**

J.750	D.F. Brewer  Brewer was Director of the Physics Laboratory at the University of Sussex.	1974-1985
J.751	Brickwedde - Brigstocke	1971-1987
J.752	British Airways - British Rail	1960-1979
J.753	M.A. Brooks  Brooks was Deputy to the Keeper of Sound Records, Imperial War Museum	1981-1982
J.754	S.C. Brown  Brown was based at the Research Laboratory of Electronics, Massachusetts Institute of Technology.	1972-1978
J.755	Buckel - Burgen	1971-1993
J.756	Burhop - Butterworth	1962-1987
<b>J.757-J.769</b>	<b>'Personal - C'</b>	<b>1961-1997</b>
J.757	Cairncross - Casimir	1965-1996
J.758	L.J. Challis  Challis was based at the Department of Physics, University of Nottingham.	1983-1997
J.759	Chandra - Churton	1964-1989

Correspondence, J.1-J.1310

J.760	Ciardi - Conte	1969-1986
J.761-J.763	A.H. Cooke  Cooke was a colleague of Kurti's at the Clarendon Laboratory.  3 folders.  Includes drafts of Kurti's obituary of Cooke for the <i>Independent</i> (published 1 August 1987).	1962-1987
J.764	Cooper - Council of Europe	1966-1986
J.765	L. Couture  Couture was based at the CNRS Laboratoires de Bellevue when the correspondence was initiated and subsequently at the Université de Paris VI.	1961-1988
J.766	J. Coveney  Coveney was Head of School of Modern Languages, University of Bath.	1973-1975
J.767	Cracknell - Cranfield Institute of Technology	1966-1983
J.768	A.J. Croft  Croft was a colleague of Kurti's at the Clarendon Laboratory, Oxford.  Includes obituary by Kurti ( <i>Oxford Physics News</i> , March 1988).	1972-1988
J.769	Cruickshank - Czechoslovak Embassy	1970-1990

Correspondence, J.1-J.1310

J.770-J.779	'Personal - D'	1955-1996
J.770	Dainton - Darwin	1966-1996
J.771	R. Dalby  Dalby was writing the biography (in collaboration with L. Alder) of the Hungarian traveller and philologist Arminius Vambery (1832-1913).  Includes photograph.	1978-1980
J.771A	A.E. Davidson  Davidson was a diplomat and author.	1972-1980
J.772	Davies - De Gennes	1965-1984
J.773	G. Deghy  Includes papers by Deghy on 'Good Living in Budapest' and 'Reminiscences of a Gourmet'.	1981
J.774	Dennehy - Deverill	1971-1995
J.775	Diamond Conference - Dobos  Includes seating plans and menu for 1955 Diamond Conference held at Oxford.	1955-1975
J.776	C. Domb  Domb was based at King's College London and (1994) the Jewish College of Technology, Jerusalem.	1967-1994
J.777	R.P. Dore  Dore was based at the Technical Change Centre when the	1982-1987

**Correspondence, J.1-J.1310**

correspondence was initiated.

J.778	B. Dreyfus	1966-1980
	Includes curriculum vitae and correspondence with family members after Dreyfus's relatively early death in 1979.	
J.779	Dugdale - Dyson	1966-1991
<b>J.780-J.788</b>	<b>'Personal - E'</b>	<b>1963-1995</b>
J.780	Edelsack - Education	1971-1992
J.781	Eglinton - Eisenstein	1963-1985
J.782	Electrical Research Association - Ellison, A.	1974-1986
J.783-J.786	J.A. Ellison	1981-1995
	Kurti first met Ellison in September 1981 at an Oxford Food Symposium.	
	4 folders.	
J.787	Epstein - Eurotunnel	1967-1991
J.788	R.H.B. Exell	1975-1988
	Kurti supervised Exell's D.Phil. thesis in low temperature physics (awarded 1962). He subsequently made his career at the Asian Institute of Technology, Bangkok, Thailand.	
<b>J.789-J.803</b>	<b>'Personal - F'</b>	<b>1962-1997</b>

Correspondence, J.1-J.1310

J.789	Fabinyi - Feilden	1969-1991
J.790	Fejes - Ferranti	1962-1988
J.791	Finnish Academy - Finniston	1971-1991
J.792	D. Fishlock  Fishlock was science editor of the <i>Financial Times</i> .	1971-1986
J.793	M. Fiske  Fiske writes from the Physical Science Branch, General Electric Company Research and Development Center, Schenectady, New York, USA.	1973-1978
J.794, J.795	H.W. Florey  <i>Re</i> dinner given for Florey by FRSs based in Oxford, 'Australian Wine for the Royal Society', etc.  2 folders.  At J.794 is copy of menu of dinner in honour of C.S. Sherrington PRS given by the FRSs resident in Oxford, 15 January 1921.	1965-1967
J.796	Floud - Fontaine	1972-1985
J.797	Forbes - Fox	1964-1992
J.798	Francis - Freeman	1967-1978
J.799	French Embassy - Friedel	1966-1973

Correspondence, J.1-J.1310

J.800	Frisch - Fuchs	1965-1997
J.801-J.803	W.S. Fyfe  Fyfe was Professor of Geology, University of California, Berkeley, USA.  3 folders.	1965-1983
<b>J.804-J.812</b>	<b>'Personal - G'</b>	<b>1961-1996</b>
J.804	Gabor - Gell-Mann	1965-1990
J.805	Geoghegan - Germany	1967-1990
J.806	Gluck - Godwin	1964-1987
J.807	Goldman - Gorter	1966-1980
J.807A	M.M. Gowing  <i>re</i> history of British atomic energy project.	1961-1965
J.808, J.809	M.A. Grace  Grace was Reader in Nuclear Physics at Oxford.  Biographical information including drafts of Kurti's obituary for the <i>Independent</i> (published 1 June 1988).  2 folders.	1987-1988
J.810	Gracey - Greiner	1965-1996
J.811	Griffiths - Gruner	1972-1989

Correspondence, J.1-J.1310

J.812	Guinier - Guttman	1962-1994
J.813-J.839	<b>'Personal - H'</b>	<b>1949-1997</b>
J.813	W. Haberditzl  1982 letter is from Haberditzl's widow, Sibylle.	1971-1982
J.814-J.819	E.L. Hahn  Hahn was Professor of Physics at University of California, Berkeley. He and Kurti collaborated on nuclear magnetic resonance thermometry for very low temperatures.  6 folders.	1961-1997
J.820	Haigh - Hardwick	1958-1986
J.821, J.822	T.C. Hardy  Hardy was based at the Department of Physics, City College, New York, USA.  2 folders.	1964-1967
J.823	Harris - Haynes	1964-1996
J.824	Healy - Hemsley	1966-1995
J.825	Hensel - Hewish	1962-1994
J.826	Hiebert - Hirsch	1974-1986
J.827	F.E. Hoare	1963, 1966

**Correspondence, J.1-J.1310**

Hoare was Reader then Professor of Physics at the University of Leeds.

J.828 Hoch - Holweck 1973-1986

Includes 1945 letter from F.E. Simon to R.E. Peierls copied to P.K. Hoch.

J.829 W.P. Holland 1983

Holland was Special Studies Group Manager, British Nuclear Fuels Ltd.

Correspondence and papers *re* superfluid helium.

J.830 S.G. Hooker 1966-1984

Includes copy of Kurti's letter of condolence to Hooker's widow and order of service for thanksgiving service, 1984.

J.831 Hookway - Hoyle 1966-1984

J.832 Hudgins - M. Hudson 1983-1991

J.833-J.838 R.P. Hudson 1949-1987

The correspondence was initiated while Hudson was based at the Department of Physics, Purdue University, Lafayette, Indiana. He subsequently joined the US Department of Commerce, National Bureau of Standards, Washington DC becoming Chief, Heat Division.

J.833 1949-1951

Includes draft paper by Hudson, Hunt and Kurti on 'The Use of Liquid Helium in Magnetic Cooling Experiments'.

J.834 1952-1953

Includes photograph of apparatus.

**Correspondence, J.1-J.1310**

J.835	1954-1955	
J.836	1961-1962	
J.837	1966-1975	
J.838	1976-1987	
J.839	Huggill - Hutton	1966-1987
<b>J.840-J.842</b>	<b>'Personal - I'</b>	<b>1963-1984</b>
J.840	Independent University - Intermagnetics General Corporation	1971-1984
J.841, J.842	Isotope Plant Design Committee/Isotope Plant Dining Club 1952-1982	1963-1982
	Includes papers assembled by Kurti 'For Michael Perrin's 80th birthday' with introductory note 'The notes collected in this folder fortunately did not make their way into the Secret Archives of the UKAEA, so future historians will be able to judge with ease the frivolous activities that "diffusionists" indulged in after you had left the Atomic Energy Scene'.	
	2 folders.	
<b>J.843-J.849</b>	<b>'Personal - J'</b>	<b>1964-1990</b>
J.843	Jaccarino - Jacquinet	1966-1988
J.844	James - Jaszay	1980-1984
J.845	Johnson - R.N. Jones	1972-1990

**Correspondence, J.1-J.1310**

J.846-J.848	R.V. Jones	1964-1984
J.846	1964-1972  Includes Jones's wartime recollections of Bohr including the circumstances surrounding the Bohr-Churchill interview, 3 February 1965.	
J.847	1974-1977  Includes Jones's pre-war reminiscences of the Clarendon Laboratory (draft chapter for his book on the Second World War).	
J.848	1980-1984	
J.849	S. Jones - Josten	1967-1980
<b>J.850-J.863</b>	<b>'Personal - K'</b>	<b>1944-1997</b>
J.850	Kaldor - Kaufmann	1966-1988
J.851	Kearton - Kersten	1966-1992
J.852	Kind - Kingston	1976-1994
J.853	I. Kirschner  Kirschner writes from the Laboratory for Low Temperature Physics, Eötvös Loránd University, Budapest, Hungary.	1975-1984
J.854-J.856	C. Kittel  Kittel was Professor of Physics, University of California, Berkeley, USA.	1961-1997

Correspondence, J.1-J.1310

J.854	1961-1979	
J.855	1981-1987	
J.856	1990-1997	
J.857	G. Klipping	1977-1986
	Klipping writes from the Fritz-Haber-Institut der Max-Planck-Gesellschaft, Berlin Dahlem, West Germany	
J.858	W.D. Knight	1982-1983
	Knight was Professor of Physics, University of California, Berkeley, USA.	
	<i>Re</i> arrangements for sabbatical year 1983-1984 at the Clarendon Laboratory.	
J.859	Central Chancery of the Orders of Knighthood - British Kodaly Academy	1977-1991
J.860	Kompfer - Kornberg	1967-1990
J.861	Koruna - Krige	1966-1994
J.862	H. Kronberger	1944-1966
	Kronberger was based at the UKAEA, Reactor Group Headquarters, Risley.	
J.863	Kugler - Kurzman	1960-1994

Correspondence, J.1-J.1310

J.864-J.879	'Personal - L'	1963-1996
J.864	Laasonen - Landsberg	1971-1992
J.865	Language teaching - Larsson	1972-1980
J.866	Laverick - Lax	1974-1987
J.867	Leach - Leigh	1974-1987
J.868	Lerner - Levy	1977-1988
J.869	Lewis - Lide	1970-1996
J.870	Lidice massacre - Little	1963-1992
J.871	Lloyd - Longuet-Higgins	1972-1981
J.872-J.874	O.V. Lounasmaa	1969-1996
	Lounasmaa was a Professor in the Department of Technical Physics, Technical University of Helsinki.	
J.872	1969-1972	
J.873	1973-1975	
J.874	1977-1996	
J.875	Lovejoy - Lubkin	1978-1992

**Correspondence, J.1-J.1310**

J.876	Lucas - Lynton	1972-1976
J.877-J.879	H. Lustig  The earliest correspondence dates from Lustig's period as Fulbright Lecturer at University College Dublin. He was faculty member of the City College of the City University of New York from 1953.  Includes papers on solar energy 1971.  3 folders.	1965-1980
<b>J.880-J.905</b>	<b>'Personal - M'</b>	<b>1957-1996</b>
J.880	Macartney - MacDonald	1963-1996
J.881	H. McGee	1986-1995
J.882	McIntosh - Macrae	1967-1992
J.883	Maddison - Magyar	1971-1990
J.884	Maier-Leibnitz - Malcolm	1972-1989
J.885	Manning - Marchetti	1965-1990
J.886	Marciano - G. Marshall	1966-1976
J.887, J.888	W.C. Marshall  Marshall was a distinguished Harwell physicist who became Chairman of the UKAEA and Chairman of the Central Electricity Generating Board (CEGB).	1974-1996

Correspondence, J.1-J.1310

2 folders.

Includes obituaries and related correspondence (J.888).  
Marshall died 20 February 1996.

J.889	Marsham - Marx	1965-1994
J.890	Mason - P. Maxwell	1970-1991
J.891	E. Maxwell	1985-1991
	Includes Kurti's contribution to Festschrift to mark 40th Anniversary of Pergamon Press and Robert Maxwell's 65th birthday (1988).	
J.892-J.893	I.R. Maxwell	1961-1986
	Correspondence and papers <i>re</i> publishing projects, social occasions, etc.	
J.892	1961-1979	
J.893	1983-1986	
	Includes Kurti and his wife's contribution to a volume to mark Maxwell's 60th birthday (1983) and correspondence <i>re</i> S.W. Hawking (1986).	
J.894	M. Mead	1972
	One letter only enclosing 'a somewhat longer article [on communication] for the next meeting'.	
J.895	Meetham - H. Mendelssohn	1963-1992
J.896-J.898	K.A.G. Mendelssohn	1968-1983

Correspondence, J.1-J.1310

- J.896                      1968-1981
- Includes 'Remarks made by N. Kurti, Chairman of the Low Temperature Group, when presenting the Simon Memorial Prize to K. Mendelssohn', 8 May 1968, appreciation of Mendelssohn (died 18 September 1980) by D.F. Brewer, *Physics Bulletin*, 1981, and obituary by Kurti for unidentified publication
- J.897                      1982-1983
- Correspondence and papers *re* 50th anniversary of the first liquefaction of Helium in Britain including drafts of text for memorial plaque.
- The first liquefaction was carried out by Mendelssohn in the original Clarendon Laboratory, January 1933.
- J.898                      1981, 1983, n.d.
- Includes photograph of Mendelssohn, drafts of article by Kurti on dedication of Helium plaque, papers *re* Oxford Vaporiser including copy of original 1941 *Lancet* paper by Mendelssohn and R.B. Mackintosh, etc.
- J.899                      Mendoza - Meyer                      1965-1993
- J.900                      Michaelis - Miyazawa                      1965-1992
- J.901                      H.A. Moe                      1957-1974
- In 1957 Moe writes from the Office of the Treasurer, Association of American Rhodes Scholars.
- J.902                      Monosoff - Moore                      1970-1986
- J.903                      Morrell - Moser                      1969-1988

Correspondence, J.1-J.1310

J.904	Re H.G.J. Moseley	1982-1994
	Correspondence and papers <i>re</i> centenary of the physicist Moseley's birth in 1987, unveiling of memorial plaque in 1988, etc. See also D.87.	
J.905	Mott - Mutual of Omaha	1966-1977
<b>J.906-J.915</b>	<b>'Personal - N'</b>	<b>1959-1996</b>
J.906	Nabarro - NATO	1970-1993
J.907	<i>Nature</i>	1971-1996
J.908	Neal - Needham	1974-1980
J.909	L. Néel	1959-1980
	1959 papers relate to Oxford Honorary Degree for Néel.	
J.910	Nemeti - Newcastle Polytechnic	1983-1996
J.911	<i>New Scientist</i>	1980-1982
J.912	Newton - Nicol	1971-1979
J.913	W.A. Nierenberg	1961-1990
	In 1961 Nierenberg writes as Scientific Adviser, NATO. He was subsequently Director of the Scripps Institution of Oceanography, La Jolla, California.	
	Includes contribution from Nicholas and Giana Kurti to volume of reminiscences on Nierenberg's 60th birthday (1983).	

Correspondence, J.1-J.1310

J.914	Nikitine - Nozieres	1972-1989
J.915	Nunn-Price - Nurick	1980-1983
<b>J.916-J.920</b>	<b>'Personal - O'</b>	<b>1965-1987</b>
J.916	A.F. Oatley  Correspondence <i>re</i> combined gas and electric cookers.  Oatley was Chairman of Cannon Industries Ltd.	1965-1970
J.917	C.H.G. Oldham  Includes Oldham's 'Science and Education in China - discussion paper for University of Chicago China Conference' which drew on personal communications of a number of scientists including Kurti.	1965-1966
J.918	J.L. Olsen  Olsen was based at the ETH Zurich.	1966-1985
J.919	[Mutual of] Omaha Insurance	1976-1979
J.920	'O.P.' - Oxford	1969-1987
<b>J.921-J.937</b>	<b>'Personal - P'</b>	<b>1962-1996</b>
J.921	Pakistan - 'Papers (Comments)'	1974-1985
J.922	P. Parker  Correspondence <i>re</i> British Rail catering.  Parker was Chairman of the British Railways Board.	1978-1980

Correspondence, J.1-J.1310

J.923	D.H. Parkinson  Parkinson was Head of the Physics Group at the Royal Radar Establishment, Malvern.	1962-1965
J.924	Paton - Pegg	1971-1988
J.925	R.E. Peierls  Includes copy of press release announcing winners of 1980 Enrico Fermi Award: Peierls and A.M. Weinberg.	1980-1987
J.926	A.H. Pengelly  <i>re</i> research on the technical and subjective replication of archival sound from cylinders.	1983
J.927	Penile - Pezdirtz	1966-1984
J.928	Phillips - Societ� Philomathique de Paris	1974-1987
J.929	Pickard - Pilkington	1974-1996
J.930	Pimental - Pippard	1962-1996
J.931	Poland - [Oxford] Polytechnic	1977-1991
J.932	Porter - Postgate	1963-1987
J.933, J.934	Post Office  2 folders.	1969-1981

**Correspondence, J.1-J.1310**

J.935	Pound - Powles	1965-1984
J.936	Price - Pulay	1966-1994
J.937	Purcell - Pyke	1965-1989
<b>J.938-J.963</b>	<b>'Personal - Q and R'</b>	<b>1950-1997</b>
J.938	D. Quate 1 letter only.	1977
J.939	Rachinger - Rao	1974-1988
J.940	Ratcliffe - Rawson	1974-1991
J.941	Re Rayleigh Laboratory	1994-1996
J.942	Redcliffe-Maud - Reynolds	1965-1988
J.943	Rhodes - Riely	1970-1985
J.944	P. Rife  Includes draft by Rife 'Family and Physics: Lise Meitner and her Scientific Circles'.	1986
J.945	Robb-Smith - G. Roberts	1970-1986
J.946	L.E.J. Roberts	1976-1978

Correspondence, J.1-J.1310

Roberts was based at AERE Harwell.

Includes 2 photographs.

J.947                      Robertson - Robinson                      1974-1983

J.948-J.956              F.N.H. Robinson                      1950-1996

Career and research.

Includes recommendations.

Robinson worked at the Clarendon on low temperatures from 1950. His correspondents include F.E. Simon and B. Bleaney as well as Kurti.

J.948                      1950

J.949                      1952-1954

J.950                      1955-1960

J.951                      1965-1969

J.952                      1973-1974

J.953                      1983-1984

Includes curriculum vitae and list of publications.

J.954                      1986-1988

J.955                      1990-1996

Includes Robinson's tribute to his Clarendon colleague Harry Rosenberg, 26 November 1993 and Kurti's obituary

**Correspondence, J.1-J.1310**

of Robinson for the *Independent*, 27 November 1996.

- |                    |  |                  |
|--------------------|--|------------------|
| J.956              | 1976, 1996, n.d.<br><br>Includes photograph of Robinson and obituaries of him by B, Bleaney, Kurti and M. Leask.   |                  |
| J.957              | Roche - Roden  | 1984-1987        |
| J.958              | H. Roderick<br><br>Roderick was Slick Professor of World Peace 1982-1983, LBJ School of Public Affairs, Austin, Texas.   | 1982, 1984       |
| J.959              | Rodgers - Rompe  | 1976-1992        |
| J.960              | P. Rosbaud<br><br>Only one exchange with Rosbaud who died in 1963.<br><br>Other correspondents are biographer of Rosbaud, Arnold Kramish and nephew, V.C. Frank-Steiner. | 1962-1997        |
| J.961              | Rose - Rotblat   | 1975-1995        |
| J.962              | Rothschild - Roux  | 1974-1988        |
| J.963              | Rowe - Ruty  | 1971-1983        |
| <b>J.964-J.991</b> | <b>'Personal - S'</b>  | <b>1954-1997</b> |
| J.964              | P. Sacher<br><br>Sacher was an extremely wealthy musician and musical patron.  | 1988-1995        |

**Correspondence, J.1-J.1310**

Includes correspondence *re* Bartok memorial concerts (1995).

J.965                      Safrata - Savet                      1970-1982

J.966                      Schafer - Scott                      1964-1983

J.967                      R.G. Scurlock                      1964-1990

Scurlock made his career in research and teaching in cryogenics at the University of Southampton, becoming Director of the Institute of Cryogenics and Professor of Cryogenic Engineering.

J.968                      Seeger - Sekers                      1963-1989

J.969                      Selby - Sentance                      1960-1982

J.970                      Series - Shoenberg                      1966-1991

J.971                      Shtrikman - Silverman                      1966-1982

J.972                      Simon - Sixsmith                      1962-1993

J.973                      Slack - Sleath                      1963-1983

J.974-J.975                      A.U. Smith                      1965-1978

Smith was based at the MRC National Institute for Medical Research, Mill Hill.

2 folders.

At J.974 is Smith's memorandum on the need for an MRC Unit for Low Temperature Biology (1966).

Correspondence, J.1-J.1310

J.976	R.A. Smith	1970, 1980
	Smith was Principal and Vice-Chancellor, Heriot-Watt University, Edinburgh.	
J.977-J.979	S.S. Smith	1974-1989
	Correspondence and papers <i>re</i> public honour for Smith (died 1989).	
	3 folders.	
	Includes memorial tribute prepared by his widow and brother-in-law (J.979).	
J.980	Society - Somerville	1980-1997
J.981	Soulen - Spicer	1972-1989
J.982	Stanhill - Staub	1982-1987, n.d.
J.983	S. Sternberg	1990-1991
	Sternberg was Chairman of the International Council of Christians and Jews.	
J.984	Stevens - Stevenson	1954-1989
J.985	R. Street	1964-1974
	Street was based at the Department of Physics, Monash University, Clayton, Victoria.	
J.986	Strong - Surrey	1965-1976
J.987	Sutherland - Swenson	1963-1987

**Correspondence, J.1-J.1310**

J.988	Sykes - Szathmary	1957-1987
J.989	G. Szasz  Szasz writes from the General Electric Company, Zürich, Switzerland.	1961-1980
J.990	Re L. Szilard  Correspondence with biographers and others <i>re</i> Szilard.	1984-1997
J.991	Szentágothai - Szilveszter	1965-1994
J.992-J.1006	<b>'Personal - T'</b>	<b>1963-1995</b>
J.992-J.996	P.A.I. Tahourdin  Tahourdin was based at the Clarendon Laboratory, Oxford, 1942-1945 where he was a member of the 'Tube Alloys' (British Atomic Bomb Project) team.  5 folders.  Much of the material relates to questions of credit for the jet method of isotope separation. At J.994 is patent application on the jet method of isotope separation (abandoned 1952) and at J.995 a copy of Oxford Report no.36 'Final report on the Jet Separation Method' by Tahourdin (1946 declassified 1953).	1969-1983
J.997	Tarin - Taylor	1972-1983
J.998	Tebble - Telgedi	1978-1989
J.999	Thatcher - This	1985-1991

**Correspondence, J.1-J.1310**

J.1000	A. Thom	1975-1981
	Thom was Professor of Engineering at Oxford, 1945-1961.	
	Includes transcription of taped interview of Thom recorded 12 July 1980. The interview was carried out by E.G. Forbes at the request of M.M. Gowing with the view of obtaining Thom's reminiscences of the origins of the Oxford Department of Engineering Science.	
J.1001	Thomas - Thurlow	1972-1995
J.1002	Tilbury - Titterton	1970-1984
J.1003	Tobias - Toth	1964-1991
J.1004	Trans World Airlines - Turnbull	1965-1981
J.1005	J.F. Turner	1963-1985
	Turner was Professor of Geology at University of California, Berkeley.	
	Includes discussion (1966) of possible successor to L.R. Wager to Oxford Geology Chair.	
J.1006	Turrell - Tward	1973-1987
J.1007	'Personal - U'	1979-1990
	Ubbelohde - US Embassy	
J.1008-J.1012	'Personal - V'	1958-1996
J.1008	Vaciago - Vamos	1993, 1996

Correspondence, J.1-J.1310

J.1009, J.1010	J.H. Van Vleck	1958-1980
	Van Vleck was Professor of Physics, Harvard University and joint winner of the 1977 Nobel Prize for Physics.	
	2 folders.	
	Includes papers <i>re</i> 1958 Oxford honorary degree and <i>Times</i> obituary (1980) written by Kurti and B. Bleaney.	
J.1011	Varoquaux - Verkin	1967-1984
J.1012	Vick - Voice	1966-1994
<b>J.1013-J.1033</b>	<b>'Personal - W'</b>	<b>1957-1995</b>
J.1013	Wade - Walling	1973-1994
J.1014	G. Wansbrough	1969-1971
	Wansbrough writes from Dynalysis Ltd <i>re</i> energy and electricity supply questions.	
J.1015	F. Warner	1983-1987
	Includes 1987 papers <i>re</i> 'Volunteers for Ionising Radiation'.	
J.1016	Warnow - Wechsberg	1970-1988
J.1017	Weck - Weidman	1966-1987
J.1018	L. Weil	1962-1967
	Weil was based at the University of Grenoble where he researched on low temperatures.	

Correspondence, J.1-J.1310

J.1019	Weinberg - Westrum	1972-1986
J.1020	<i>Which?</i> magazine - Whitby	1962-1988
J.1021	G.K. White  In 1963 White writes from the National Standards Laboratory - Division of Physics, CSIRO, Chippendale, New South Wales, Australia.	1963-1983
J.1020	White - Wiener	1964-1983
J.1023	Wigner - Williams	1957-1989
J.1024	D.T.N. Williamson  Includes copy of lecture by Williamson on 'The Anachronistic Factory' sent to Kurti, 3 February 1972.	1972-1986
J.1025	Williamson - Wittrick	1970-1995
J.1026	Wohlfarth - Wong	1962-1993
J.1027	A.M. Wood - J. Wood	1961-1982
J.1028-J.1031	M.F. Wood  Wood was Senior Research Officer at the Clarendon Laboratory, 1955-1969 and co-founder of Oxford Instruments.	1957-1986
J.1028	1957	

**Correspondence, J.1-J.1310**

J.1029	1963	
J.1030	1964	
J.1031	1980, 1986	
J.1032	J. Woodfill	1981-1988
J.1033	Woodward - Wyder	1974-1981
<b>J.1034-J.1036</b>	<b>'Personal - X Y Z'</b>	<b>1962-1989</b>
J.1034	Yates - Young Warder	1962-1980
J.1035	Zagon - Zuckerman	1973-1989
J.1036	M.W. Zemansky	1964-1975
	In 1964 Zemansky was Professor of Physics at the City College of the City University of New York.	
<b>J.1037-J.1190</b>	<b>MISCELLANEOUS SCIENTIFIC AND PERSONAL CORRESPONDENCE</b>	<b>1944-1998</b>
J.1037	1944	
J.1038	1945	
J.1039	1946	

Correspondence, J.1-J.1310

J.1040	1947
J.1041	1948
J.1042	1949
J.1043, J.1044	1950
J.1043	February-June
J.1044	September-December
J.1045, J.1046	1951
J.1045	January-April
J.1046	May-December
J.1047	1952
J.1048	1953
J.1049	1955-1956
J.1050	1958-1959
J.1051	1960-1961

**Correspondence, J.1-J.1310**

J.1052	1962-1964
J.1053, J.1054	1965
J.1053	January-June
J.1054	July-December
J.1055-J.1057	1966
J.1055	January-March
J.1056	April-June
J.1057	July-December
J.1058-J.1064	1967
J.1058	January-March
J.1059	April-May
J.1060	June
J.1061	July-August
J.1062	September
J.1063	October

Correspondence, J.1-J.1310

J.1064 November-December

J.1065-J.1072 1968

J.1065 January

J.1066 February

J.1067 March

J.1068 April-May

J.1069 June

J.1070 July-September

J.1071 October

J.1072 November-December

J.1073-J.1081 1969

J.1073 January

J.1074 February

J.1075 March

**Correspondence, J.1-J.1310**

J.1076	April
J.1077	May
J.1078	June
J.1079	July
J.1080	August
J.1081	September-December
J.1082-J.1091	1970
J.1082	January-February
J.1083	March
J.1084	April
J.1085	May
J.1086	June
J.1087, J.1088	July 2 folders.
J.1089	August-September

**Correspondence, J.1-J.1310**

J.1090	October
J.1091	November-December
J.1092-J.1096	1971
J.1092	January-March
J.1093	April-May
J.1094	June
J.1095	July-August
J.1096	September-December
J.1097-J.1106	1972
J.1097	January-February
J.1098	March
J.1099	April
J.1100	May
J.1101	June

**Correspondence, J.1-J.1310**

J.1102	July
J.1103	August
J.1104	September
J.1105	October
J.1106	November-December
J.1107-J.1112	1973
J.1107	January
J.1108	February
J.1109	March
J.1110	April-June
J.1111	July-August
J.1112	September-December
J.1113-J.1120	1974
J.1113	January-February
J.1114	March-April

Correspondence, J.1-J.1310

J.1115	May-June
J.1116	July-August
J.1117	September-October
J.1118, J.1119	November 2 folders.
J.1120	December
J.1121-J.1124	1975
J.1121	January-April
J.1122	May-July
J.1123	August
J.1124	September, December
J.1125-J.1134	1976
J.1125	January-February
J.1126-J.1128	March 3 folders.

Correspondence, J.1-J.1310

J.1129	April
J.1130, J.1131	May 2 folders.
J.1132	June
J.1133	August, October
J.1134	November
J.1135-J.1138	1977
J.1135	March-April
J.1136	June-August
J.1137	September-November
J.1138	December
J.1139, J.1140	1978
J.1139	January-May
J.1140	July-December
J.1141-J.1146	1979

Correspondence, J.1-J.1310

J.1141	January-July
J.1142	May
J.1143	August
J.1144	September
J.1145	October-November
J.1146	December
J.1147	1980
J.1148-J.1152	1981
J.1148	January-February
J.1149	March-May
J.1150	June-July
J.1151	August-September
J.1152	October-December
J.1153-J.1156	1982
J.1153	January-February

Correspondence, J.1-J.1310

J.1154	March-May
J.1155	July-August
J.1156	October-December
J.1157-J.1159	1983
J.1157	January-March
J.1158	April-June
J.1159	September-December
J.1160-J.1163	1984
J.1160	January-March
J.1161	April-June
J.1162	July-September
J.1163	October-December
J.1164-J.1167	1985
J.1164	January-March
J.1165	April-June

Correspondence, J.1-J.1310

J.1166	July-August
J.1167	October-December
J.1168, J.1169	1986
J.1168	January-June
J.1169	July-December
J.1170	1987
J.1171	1988
J.1172, J.1173	1989
J.1172	January-April
J.1173	May-December
J.1174-J.1176	1990
J.1174	January-April
J.1175	May-August
J.1176	September-December
J.1177	1991

Correspondence, J.1-J.1310

J.1178, J.1179	1992
J.1178	January-June
J.1179	July-December
J.1180, J.1181	1993
J.1180	January-June
J.1181	July-December
J.1182, J.1183	1994
J.1182	January-April
J.1183	June-December
J.1184	1995
J.1185, J.1186	1996
J.1185	January-June
J.1186	July-December
J.1187	1997
J.1188, J.1189	1998

**Correspondence, J.1-J.1310**

J.1188	January-March	
J.1189	May-October	
J.1190	N.d.	
<b>J.1191-J.1310</b>	<b>REFERENCES AND RECOMMENDATIONS</b>	<b>1956-1998</b>
	Unindexed.	
<b>J.1191-J.1295</b>	<b>'References'</b>	<b>1956-1997</b>
	Contents of Kurti's alphabetical sequence of folders of references.	
	Include appointments, promotions, grant applications, prizes etc.	
J.1191-J.1223	'References A.-G.'	1959-1994
J.1191	Ab.	1974-1980
J.1192	Al.-Am.	n.d., 1970, 1978
J.1193	Ar.	1961-1962
J.1194	As.	1968-1994
J.1195	Bag.-Bak.	1969-1978

Correspondence, J.1-J.1310

J.1196	Bal.	1960-1964
J.1197	Barb.	1964
J.1198	Barc.	1976
J.1199	Bi.	1959
J.1200	Bl.	1976
J.1201	Boc.	1959
J.1202	Bol.-Bret.	1981
J.1203	Brew.	1961-1982
J.1204	Bro.-Bu.	1965-1971
J.1205	Cal-Cam	1966-1977
J.1206	Car.	1968-1972
J.1207	Chal.	1969-1974
J.1208	Chap.	1959-1963
J.1209	Cl.-Cr.	1972-1987

Correspondence, J.1-J.1310

J.1210	Da-Den.	1959-1962
J.1211	Don. (1)	1974
J.1212	Don. (2)	1965
J.1213	Du.	1977-1985
J.1214	Ed.	1979-1983
J.1215	El.	1968
J.1216	Ev.	1994
J.1217	Ex.	1961-1983
J.1218	Fa.-Fi.	1960-1961
J.1219	Fo-Fr.	1961-1970
J.1220	Gal.	1987
J.1221	Gar.	1969-1970
J.1222	Gol.	1980, 1986
J.1223	Goo.-Gr	1966, 1973

Correspondence, J.1-J.1310

J.1124-J.1243	'References H-L'	1956-1995
J.1224	Hah.	1960-1987
J.1225	Hal-Han.	1975-1981
J.1126	Har.	1961
J.1127	Hat.	1971
J.1228	Hen.	1969, 1971, 1995
J.1229	Hew.	n.d.
J.1230	Hil.	1956-1958
J.1231	Hob.	1959-1963
J.1232	Hudson, P.A. Includes obituaries of Hudson who died in 1983.	1967-1983
J.1233	Hug.	1972-1975
J.1234	Ja.-Je.	1957-1962
J.1235, J.1236	Joh. (1) 2 folders.	1959-1986

Correspondence, J.1-J.1310

J.1237	Joh. (2)	1972
J.1238	Jon.	1959, 1968
J.1239	Ka.-Ke.	1960-1965
J.1240, J.1241	Ki. 2 folders	1969-1978
J.1242	Kn.	1959
J.1243	La.-Lu.	n.d., 1976, 1979
J.1244-J.1265A	'References M-R'	1958-1995
J.1244	Ma.	1973
J.1245	Mi.	1959-1965
J.1246	Mo.	1969-1979
J.1247	Na.	1969
J.1248	Ne.	1960
J.1249	OI.	1978
J.1250	Pa.	1962-1970

Correspondence, J.1-J.1310

J.1251	Pe.	1969-1976
J.1252	Ph.	1965-1976
J.1253	Pic.	1992, 1995
J.1254	Pip.	1959
J.1255	Rep.	1961-1980
J.1256	Rey.	1977
J.1257, J.1258	Rh. 2 folders.	1963-1976
J.1259	Ri (1)	1961
J.1260	Ri. (2)	1974
J.1261	Robe.	n.d.
J.1262	Robi.	1958-1987
J.1263	Rog.	1968
J.1264	H. Rosenberg Includes obituaries of Rosenberg who died in 1993.	1977-1993

Correspondence, J.1-J.1310

J.1265	Row.	1969
J.1265A	Ru.	1968-1970
J.1266-J.1277	'References S'	1958-1985
J.1266	Sa.	1968, 1977
J.1267-J.1268	Sc. 2 folders.	1959-1985
J.1269	Se.-Sh.	1967, 1969
J.1270	Si.	1974
J.1271	Sm.	1971
J.1272	So.	1981-1982
J.1273	Sp.	1958, 1967
J.1274	Sto.	1968
J.1275	Str.	1964-1973
J.1276	Su.	1971
J.1277	Sy.	1967-1984

Correspondence, J.1-J.1310

J.1278-J.1295	'References T-Z'	1959-1997
J.1278	Ta.	1981
J.1279	Ti.	1959
J.1280	Tu.	1987
J.1281	Tw.	1970
J.1282	Wa.	1984-1985
J.1283	We.-Whe.	1960-1980
J.1284	Whi. (1)	1970-1981
J.1285	Whi. (2)	1962
J.1286	Will.	1968-1969
J.1287	Wils. (1)	1965-1984
J.1288	Wils. (2)	1987
J.1289	Wol.	1961-1962
J.1290	Woo.	1983-1997

**Correspondence, J.1-J.1310**

J.1291	Wy.	1964-1973
J.1292-J.1294	Ya. 3 folders.	1968-1982
J.1295	Za.	1990-1997
<b>J.1296-J.1310</b>	<b>Miscellaneous</b>	<b>1961-1998</b>
J.1296, J.1297	'Miscellaneous references' References so inscribed by Kurti found clipped together. 2 folders	1961-1966
J.1298-J.1310	Miscellaneous references found loose and as part of no organised sequence.  Presented in a single chronological sequence.	1965-1998
J.1298	1965	
J.1299	1967	
J.1300	1970	
J.1301	1972, 1973	
J.1302	1976	

**Correspondence, J.1-J.1310**

J.1303	1981
J.1304	1982
J.1305	1984-1986
J.1306	1990
J.1307-J.1308	1991 2 folders.
J.1309	1995-1998
J.1310	1997-1998

**SECTION K                      NON-TEXTUAL MEDIA, K.1-K.119                      1920s-2007**

K.1-K.20	PHOTOGRAPHS
K.21-K.52	PHOTOGRAPHIC SLIDES
K.53-K.85	CASSETTE AUDIOTAPES
K.86-K.104	FILMS
K.105-K.114	VIDEOTAPES
K.115-K.119	DVDs

**K.1-K.20                      PHOTOGRAPHS                      1920s-1998,  
n.d.**

K.1-K.13	People
K.14-K.19	Equipment
K.20	Progress of experiments

**K.1-K.13                      People                      1920s-1998,  
n.d.**

**K.1-K.11                      Photographs of Kurti                      1920s-1998**

**K.1                      Early photographs                      1920s**

Copy of portrait photograph; passport-style photograph of Kurti as young man; Kurti with his sister Hedwig and his mother.

5 pieces.

**K.2                      'Photographs taken in Franz Simon's house, in Breslau [circa] 1932 [...]'                      [1932]**

Feature Simon, Kurti, H. London, K.Mendelssohn and R.

**Non-textual media, K.1-K.119**

Kaischew.

Photocopies only.

K.3                      Group photograph of Fellows of Brasenose college                      1947x1950

Annotated on verso.

K.4                      1950s photographs

'NK as barman to Clarendon Laboratory Christmas Party 1950s'; at NASA Lewis Research Center 1959; Kurti at blackboard; portrait photograph; informal photograph.

5 photographs

K.5                      1960s photographs

At Monash University 1964; on BBC-TV Horizon programme 'The physicist in the kitchen' 1969.

2 photographs.

K.6                      1970s photographs

Photograph of Kurti in envelope inscribed 'Copy for Forum, postmark 1971; inscribed on verso '1975 With the Coffee Pot, his retiring present from the lab, now at the Royal Institution, copy of Count Rumford's coffee pot'.

2 photographs.

K.7                      1980s photographs

With Sir Peter Hirsch and Sir Hermann Bondi, at 30th anniversary celebration of the establishment of the UKAEA, Royal Society, London, September 1984, with copy of UKAEA newsletter featuring a further picture; photographs of Kurti's 80th birthday party featuring him with E. Hahn and with Martin Wood, 1988. See also A.149.

Also includes photograph of tree (and inscribed stone) planted by Kurti at Balatonfüred, Hungary, 10 September



**Non-textual media, K.1-K.119**

- |                  |  |                            |
|------------------|--|----------------------------|
| K.12             | John Szentágothai  | 1994, n.d.                 |
|                  | With copy of obituary in the <i>Independent</i> , 18 September 1994, Kurti's addition thereto, and other material.   |                            |
| K.13             | Unidentified occasions and subjects  | N.d.                       |
|                  | 7 photographs.   |                            |
| <b>K.14-K.19</b> | <b>Equipment</b>   | <b>1964-1968,<br/>n.d.</b> |
| K.14             | Mullard Cryomagnetic Laboratory, Oxford  | 1964, 1965,<br>1968        |
|                  | Photographs of apparatus and workers in the Laboratory.  |                            |
|                  | Identified on verso.   |                            |
|                  | 13 photographs.  |                            |
| K.15             | '20 January 1971'  | 1971                       |
|                  | 6 photographs (probably from different institutions) so stamped on verso.  |                            |
|                  | Prepared for use as illustrative figures.  |                            |
| K.16             | 'Office National des Recherches et Inventiones'  | N.d.                       |
|                  | 5 photographs so stamped on verso.   |                            |
|                  | 2 were prepared for use as illustrative figures.   |                            |
| K.17             | Identified laboratories and institutions   | N.d., 1963                 |
|                  | Teaching laboratory, Középiskola Tanárképző-intézet<br>Gyakorló Gimnázium, Budapest; magnet coil from<br>Clarendon Laboratory; magnet coil of Oxford Instrument<br>Company; UKAEA, 1963. |                            |
|                  | 4 photographs.   |                            |

**Non-textual media, K.1-K.119**

K.18                      Other equipment and laboratories                      N.d.  
11 photographs.

K.19                      Individual pieces of apparatus                      N.d.  
11 photographs.

**K.20                      Progress of experiments                      N.d.**  
  
3 photographs.

**K.21-K.52                      PHOTOGRAPHIC SLIDES                      1963-1974,  
n.d.**

K.21-K.48                      Slides

K.49-K.52                      Illustrations for slides

**K.21-K.48                      Slides                      1963-1974,  
n.d.**

Kurti's slides for lectures, K.21-K.47 kept in plastic boxes.

A small number of the boxes are inscribed with some indication of the occasion of the lecture but otherwise very few of the contents of these boxes can be readily identified.

The contents of the boxes are generally very mixed and may include slides of illustrative graphs and tables, historical and current equipment, eminent physicists, and drawings.

K.21                      'USA NZ Aus'                      1963-1964  
  
Probably relate to Kurti's Sabbatical trip 1963-1964.

K.22                      'R.I. Gen.' and 'Royal Institution lect 1969'                      1969

**Non-textual media, K.1-K.119**

K.23	'For Grenoble Lecture'  Possibly to illustrate 'High Magnetic Fields and Their Applications', lecture first given at Nottingham, September 1969, but also at Grenoble.	?1969
K.24	'Equipartition of En. Boys on ramp'	N.d.
K.25	'Reading [illegible] 1974'	1974
K.26	'Clarendon Lecture'	N.d.
K.27	'Cumberland'	N.d.
K.28	'Motors Trains Power'	N.d.
K.29	Eminent Clarendon scientists	N.d.
K.30	Energy storage	N.d.
K.31	Various people	N.d.
K.32	Letter from William Thomson (Baron Kelvin)	N.d.
K.33, K.34	?For lectures on art and physics  2 boxes.	N.d.
K.35	Visit of students of the Ecole Polytechnique to Oxford  See also B.295-B.297.	1974

**Non-textual media, K.1-K.119**

K.36-K.47	Untitled and miscellaneous boxes of slides 12 boxes.	N.d.
K.48	Three slides on Combined Heat and Power In plastic wallet.	N.d.
<b>K.49-K.52</b>	<b>Illustrations for slides</b>	<b>N.d.</b>
K.49	'For new slides' Contents of Kurti's envelope so inscribed: five cardboard mounted figures.	N.d.
K.50	Contents of Kurti's folder Two colour card figures (in French).	N.d.
K.51	Contents of Kurti's envelope Three illustrations of cryogenic freezing of humans.	N.d.
K.52	Contents of Kurti's photographic envelope Eight illustrations on refrigeration.	N.d.
<b>K.53-K.85</b>	<b>CASSETTE AUDIOTAPES</b>	<b>1981-1996, n.d.</b>
K.53	'Quirks and Quarks', Canadian Radio science programme, 26 December 1981 Ampex 90 tape. Kurti spoke on 'Reverse Baked Alaska'. The tape includes other features from the programme.	1981

**Non-textual media, K.1-K.119**

- |           |  |      |
|-----------|--|------|
| K.54      | <p>'Life in the Old and New Clarendon Laboratory', talk 29 June 1982</p> <p>TDK M C90 tape.</p>  | 1982 |
| K.55      | <p>Interview on 'Britain and the Refugee Crisis: 1933-1947' conducted by M.A. Brooks, Imperial War Museum, London, 1 November 1982</p> <p>EMI XT C60 tape.</p> <p>For transcript of interview see A.21.</p>  | 1982 |
| K.56      | <p>Interview on '50 years in Oxford' with I. Smith for Oxford Times, 1983</p> <p>Boots C90 tape.</p>   | 1983 |
| K.57-K.59 | <p>Discussion at conclusion of Conference on Coal as an Energy Source, Budapest, Hungary, 30 May 1984</p> <p>1 AGFA FEI-S 90 tape (K.57).</p> <p>2 AGFA FEI-S 60 tapes (K.58, K.59).</p> <p>See also G.241-G.247.</p>                                    | 1984 |
| K.60      | <p>Australian National University Public Lecture on Science &amp; Technology, 23 October 1986</p> <p>IRU C90 tape.</p> <p>This lecture was given during Kurti's trip to the US, Australia and New Zealand, September-November 1986, see G.259-G.262.</p> | 1986 |
| K.61      | <p>Oxford Reminiscences 1933-1987, talk to Oxford Hungarian Society, Brasenose College Oxford, 4 May 1987</p> <p>LH 90 tape.</p>   | 1987 |

**Non-textual media, K.1-K.119**

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|------------|--|------------------|
| K.62       | Kurti's reminiscences on life and background, talk to Oxford Hungarian Society, Brasenose College Oxford<br><br>Maxell UL90 tape.  | ?1988            |
| K.63       | Kurti's reminiscences on life 1914-1939, talk to Oxford Hungarian Society, Brasenose College Oxford<br><br>Boots FI90 tape.  | N.d.             |
| K.64       | BBC Radio 4 programme Science Now, 2 December 1989<br><br>TDK AR60 tape.<br><br>Kurti spoke on alcohol in cooking.   | 1989             |
| K.65       | 'Friends and Foes of the Pleasures of Eating', Royal Institution Friday Evening Discourse, May 1990<br><br>TDK D120 tape.<br><br>Tape also includes 'Table Talk' with Leslie Forbes and Farm Hall Drama.<br><br>See also F.156, F.157. | 1990             |
| K.66       | Interview by Mary Small with Raymond Blanc and Kurti, October 1991<br><br>TDK SA90 tape.   | 1991             |
| K.67       | Kurti discussing the British atomic bomb project<br><br>TDK SA90 tape.<br><br>Also labelled 'Archive # 91'.  | 1991             |
| K.69, K.70 | Discussions etc during International Workshop on Molecular and Physical Gastronomy, Erice, Italy, August 1992<br><br>Maxell XLII 60 tape (K.69) and Maxell UR90 tape (K.70).   | 1992<br><br>/... |

**Non-textual media, K.1-K.119**

- /... See also G.296-G.317.
- K.71, K.72 From BBC Radio 3 Table Talk programme, 25 December 1993 1993  
Supertape Gold Plus 60 (K.71) and Agfa F-DXI 90 tape (K.72).  
The Kurtis contributed to a feature on Roasting.
- K.73 Kurti's introduction and other contributions to International Workshop on Molecular and Physical Gastronomy, Erice, Italy, April 1995 1995  
Sony HF90 tape.  
See also G.329-G.345, K.8.
- K.74 Kurti's contribution and closing ceremony of 21st International Conference on Low Temperature Physics, Prague, Czech Republic, August 1996 1996  
TDK AD90 tape.  
See also G.350-G.353.
- K.75-K.79 Discussions, possibly at Maison Français Oxford, on French language and culture. N.d.  
Five Sony BHF120 tapes.  
Mostly in French. Sides A of tapes 4 and 5 feature contributions by Kurti.
- K.80 Interview with Kurti for Quebec Radio programme 'Tout en Français' N.d.  
Compact Cassette C60 tape.  
In French.

**Non-textual media, K.1-K.119**

- |                   |  |                                    |
|-------------------|--|------------------------------------|
| K.81, K.82        | ?BBC French language programme on Science of Cookery<br>Two EMI XT C60 tapes.<br>In French.  | ?1982                              |
| K.83, K.84        | Interview with Kurti on his life and experiences<br>Two TDK D90 tapes.   | N.d.                               |
| K.85              | Kurti playing piano, singing, talking<br>Sony HF-S60 tape.<br>In Hungarian.  | N.d.                               |
| <b>K.86-K.104</b> | <b>FILMS</b><br><br>All but K.104 are 16mm films.<br><br>Also includes associated material: correspondence, scripts, photographs.<br><br>See also F.248-F.276.   | <b>1960-c.1969,<br/>2007, n.d.</b> |
| K.86-K.91         | 'Absolute Zero', BBC TV Eye on Research, 5th series<br>programme 7, broadcast 17 May 1960<br><br>See also F.258, F.259.  | 1960, 2007                         |
| K.86              | Metal reel and container, labelled with details<br><br>Monochrome, with sound. c. 30 minutes.<br><br>Features Kurti, his colleague M.A. Grace, the presenter<br>Raymond Baxter and Kurti's research assistant. | 1960                               |
| K.87              | Metal reel, no container<br><br>Monochrome, with sound. Incomplete c. 8 minutes.   | 1960                               |

**Non-textual media, K.1-K.119**

K.88	Metal reel and container  Monochrome, with sound. Incomplete c. 18 minutes.	1960
K.89	Card reel and metal container  Faulty film. Appears to be part of 'Absolute Zero'.	1960
K.90	Correspondence with viewers arising from programme  Also photograph of stills.	1960
K.91	DVD copy of 'Absolute Zero'  Made at the University of Bath for this archive, 2007.	2007
K.92-K.93	'Superconducting magnets', Argonne National Laboratory film  See also J.131.  Does not feature Kurti.	1966, 1967, 2008
K.92	Metal reel, brown plastic container  Polychrome, with sound. c. 12 minutes.	1966
K.92A	Exchange of letters <i>re</i> copy of film sent to Kurti	1966, 1967
K.93	DVD copy of 'Superconducting magnets'  Made at the University of Bath for this archive, 2007.	2007
K.94, K.95	'Cherwell seq[ue]nce', BBC TV  Metal reel, no container. c. 3 minutes.  Monochrome, no sound.	c. 1969, 1986  /...

**Non-textual media, K.1-K.119**

- /... An explanatory note by Kurti (1986, K.95), explains that this film sequence was made for but not used in a BBC TV Horizon programme, 'The Lindemann Enigma'. The Lindemann film was made around 1969 and broadcast 29 March 1971. Kurti is featured in the sequence.
- K.96-K.99 'Cold', BBC TV Eurovision film 1960s
- K.96 Metal reel, metal container  
Monochrome, with sound (music and sound effects). c. 16 minutes.  
Kurti is listed among three demonstrators but we do not see him. The others are A.J. Croft and F.N.H. Robinson.
- K.97 Scripts  
Commentary for voice-over.  
Two in English, one in German.
- K.98 Other typescripts  
Appear to relate to sound film on resuscitation of hypothermic, supercooled and frozen animals featuring Dr Andjus, J.E. Lovelock, A.U. Smith, and A.S. Parkes (introduction); German language translation of A.U. Smith's commentary on the 'hamster sequence'.
- K.99 DVD copy of 'Cold' 2007  
Made at the University of Bath for this archive, 2007.
- K.100 Film sequences N.d.  
Plastic reel, plastic container.  
Polychrome, no sound.  
With manuscript note '1. Jelly in fresh and tinned pineapple juice 2. Vacuum meringue'.

**Non-textual media, K.1-K.119**

K.101	'Energy storage in superconductors' Metal reel, no container. Polychrome, no sound. c. 3 minutes. Film damaged. Kurti features.	N.d.
K.102	Millbank Films Ltd film 'Very low temperatures' Plastic reel, plastic container. The reel is inscribed 'Liq[uid] He[lium] Supercond[uctivity]'. Monochrome. No sound. c. 3 minutes. Kurti does not feature.	N.d.
K.103	Associated Rediffusion TV film 'Floating magnet and transport of helium 2' Metal reel, metal container. Monochrome, no sound. c. 3 minutes. Does not feature Kurti.	N.d.
K.104	6mm Hungarian film 'Nyugatnémet alapanyagból' [?West German ?] 'Ezermester' [?Fixer] Plastic reel, card container.	post 1975
<b>K.105-K.114</b>	<b>VIDEOTAPES</b>	<b>1982-1994, 2007</b>
K.105-K.108	Betamax videos (three videos)	1982, 2007
K.105	'The Proof of the Pudding', in QED series on BBC1 TV, broadcast 20 April 1982	1982

**Non-textual media, K.1-K.119**

- Tape is also labelled '1'.  
Sony Dynamicron L-125 tape.
- K.106                    'Material filmed by BBC for Proof of the Pudding Programme'                    1982
- The material is 'a) Lecturing in Paris' and '2) At 38 Blandford Avenue Oxford'.  
Tape is also labelled '2'. The box is inscribed 'Wrong size'.  
Sony Dynamicron L-500 tape.
- K.107                    Untitled
- Tape is labelled '3'.  
TDK Super Avilyn L-500 tape.
- K.108                    DVD copy of 'The Proof of the Pudding' and unused film material (K.105, ?K.106)                    2007
- Made by AFX Audiovisual Services, Stafford, for the family, 2007
- K.109, K.110            'Chapeau melon et blouses blanches', French TV 'Horizons' programme                    N.d.
- K.109                    Fuji Beridox KCA-60 tape.
- Polychrome. 50 minutes.
- K.110                    Fuji Super SHG VHS tape.
- K.111-K.114            'Blanc Mange', BBC TV Continuing Education series                    1994
- Originally to be titled 'Fire Burn and Cauldron Bubble', the series was produced by G. Auckland and revolved around the celebrity chef Raymond Blanc. Kurti acted as one of

**Non-textual media, K.1-K.119**

the scientific advisors and in one episode could be seen cycling to Blanc's gourmet restaurant Le Manoir aux Quat' Saisons near Oxford. Another advisor was the French science editor Hervé This. The series was broadcast in six episodes starting in September 1994, also the publication date of the book (see E.184-E.223).

- |                    |   |                  |
|--------------------|---|------------------|
| K.111              | Programme one, 'A fuller flavour'<br><br>BBC VHS 'Viewing Tape'.                          |                  |
| K.112              | Programme four, 'You are what you eat'<br><br>Maxell General purpose VHS tape.            |                  |
| K.113              | Programme five, 'Something in the air'<br><br>Maxell General purpose VHS tape.            |                  |
| K.114              | Programme six, 'Forbidden fruit'<br><br>Maxell General purpose VHS tape.                  |                  |
| <b>K.115-K.119</b> | <b>DVDs</b>   | <b>1992-1999</b> |
| K.115              | 'Rudolph [sic] Peierls interviewed by Nicholas Kurti', 21 July 1992<br><br>Sony DVD-R.    | 1992             |
| K.116              | 'Nicholas Kurti Light-hearted Reminiscences, 1914-39', 23 January 1995<br><br>Sony DVD-R. | 1995             |
| K.117              | 'Nicholas Kurti interviewed by Bobby Berman', 27 August 1996                              | 1996             |

**Non-textual media, K.1-K.119**

Sony DVD-R.

K.118                    'Nicholas Kurti 90th birthday celebration', 10 October 1998                    1998

Sony DVD-R.

K.119                    'A celebration of Nicholas Kurti (1908-1998)', 27 March 1999                    1999

Sony DVD-R.