

Catalogue of the papers and correspondence of

**George Porter Kt OM FRS, Baron  
Porter of Luddenham**

(b. 1920)

**VOLUME III**

Section D: Lectures, broadcasts and publications

Section E: Societies, organisations and consultancies

Section F: Correspondence

Index of correspondents

by Peter Harper and Timothy E. Powell

NCUACS catalogue no. 100/5/01

**SECTION D**                      **LECTURES, BROADCASTS AND PUBLICATIONS**                      **D.1-D.539**

D.1	LECTURE TOUR ITINERARIES
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**Lectures, broadcasts and publications**

- D.1**                      **LECTURE TOUR ITINERARIES**                      **1977-1985**
- D.1                      Typescript itineraries for a number of major lecture tours undertaken by Porter, 1977-1985.
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- D.2-D.208**                      **DRAFTS - CHRONOLOGICAL SEQUENCE**                      **1955-1988**
- A sequence of drafts and related material arranged chronologically by lecture, broadcast and publication date.
- Inscriptions on the original folders have been incorporated in the catalogue entries where appropriate.
- D.2                      Lecture on 'Fast Reactions' to local section of the Chemistry Society, Hull, 10 November 1955.
- Correspondence *re* arrangements only, 1955.
- D.3                      P. O'Reilly Lectures, University of Notre Dame, Indiana, USA, 1960.
- 'Lecture notes P. O'Reilly Lectures'. Contents of folder so inscribed: manuscript notes for lectures.
- D.4-D.8                      *Chemistry for the Modern World*, George G. Harrap Ltd, London, 1962.
- D.4-D.6                      Correspondence with the publisher, 1960-1967.
- 3 folders.
- D.7                      Advance proof copy.
- D.8                      Copy of published volume.
- D.9-D.11                      Proposed volume on 'Flash photolysis and the study of fast reactions', 1962.
- See also F.3, F.4.

**Lectures, broadcasts and publications**

- D.9 Brief correspondence with collaborators, B.A. Thrush and E.R. Wooding, 1962.  
Contents list and chapter outlines.
- D.10, D.11 Typescript drafts.  
2 folders.
- D.12, D.13 'Flash Photolysis' in *Technique of organic chemistry*, Volume VIII, Part II, Interscience Publishers, 1963.
- D.12 Correspondence with publisher and editor, A. Weissberger, 1957-1962.
- D.13 Author's proofs, 28 June 1960.
- D.14 'The Law of Disorder', *Proc. Roy. Instn*, **40**, 1964.  
Typescript drafts of discourse given at the Royal Institution, January 1964.
- D.15-D.41 'The Laws of Disorder', BBC television series, 1965.  
The BBC broadcast ten lectures by Porter, January-March 1965.  
There is some variation in the titles of the lectures in the surviving documentation. The titles as given in the accompanying pamphlet published by the BBC (D.37) are as follows:  
Lecture 1 The static and dynamic worlds  
Lecture 2 Molecules in motion  
Lecture 3 Entropy  
Lecture 4 The second law  
Lecture 5 Equilibrium - limit of disorder  
Lecture 6 Molecules at work  
Lecture 7 Times of change  
Lecture 8 Patterns of change  
Lecture 9 Chemistry and light  
Lecture 10 Chaos and evolution.  
See also D.398-D.402.

**Lectures, broadcasts and publications**

- D.15-D.40 'Laws of Disorder An Introduction to Chemical Change and Thermodynamics'. Contents of folder so inscribed: drafts and related papers for lecture series broadcast by BBC, 1962-1971.
- D.15 Set layout for the 10 programmes.
- D.16-D.24 Duplicated typescript ? run-through scripts with manuscript timings.  
Lecture 3 (see D.17) is represented by page 18 only, the last page of the script. For pp3-17 see D.304.  
9 folders.
- D.25-D.29 Camera scripts.  
5 folders.
- D.30 22pp typescript treatment of the 10 lectures preceded by list of possible titles and index.
- D.31-D.33 23pp duplicated typescript outline of the 10 lectures.  
3 copies variously annotated and corrected.  
3 folders.
- D.34 Annotated and corrected duplicated typescript outline of lectures VI-X, pp14-23.  
Annotated and corrected typescript outline of lectures VII-X, pp16-23.
- D.35, D.36 21pp duplicated typescript of text of booklet published by the BBC to accompany the broadcast lectures.  
1 annotated and corrected copy and 1 clean copy.  
2 folders.

**Lectures, broadcasts and publications**

- D.37 Published pamphlet: *The Laws of Disorder. An Introduction to chemical change and thermodynamics*. BBC, 1965.
- D.38 Miscellaneous duplicated and printed background material probably assembled by Porter in connexion with 'Laws of Disorder', 1962, 1964.
- Includes 'Comments by P.A.H. Wyatt on The Laws of Disorder', 1p typescript.
- D.39 'Thermodynamics', n.d.
- 54pp typescript (in two parts). Relates to the teaching of the subject in school. Probably not by Porter but found with his 'Laws of Disorder' papers.
- D.40 Miscellaneous correspondence and papers *re* 'Laws of disorder', 1966-1967, 1974.
- D.41 'Laws of Disorder Film Scripts'. Contents of folder so inscribed: notes, drafts and correspondence, 1967-1971 and n.d.
- Includes transcript of lecture given by Porter on the second law of thermodynamics at the Royal Institution, 23 October 1967 and correspondence with Millbank Films Ltd (an ICI subsidiary), 1970-1971.
- For further papers *re* Millbank Films Ltd see C.1382-C.1388.
- D.42 'The Chemical Bond since Frankland', *Proc. Roy. Instn*, **40**, 1965.
- Annotated typescript drafts of Royal Institution Discourse by Porter.
- D.43 'Stepping up the Pace', *Discovery*, **27**, 1966.
- Duplicated typescript.
- D.44 Evening Party Speech at the Royal Institution, 14 October 1966.
- Typescript drafts, proofs and photocopy of published version.
- See also C.1161.

**Lectures, broadcasts and publications**

- D.45-D.47                    'Quick as a Flash', 4 May 1967.
- This lecture at a Royal Institution weekly evening meeting was repeated, 17 November 1967, when it was recorded by the BBC. It was broadcast on BBC2 television, 10 December 1967.
- See also C.886-C.889, C.1366, D.298, D.321, D.333, D.336, D.408.
- Typescript drafts.
- 3 folders.
- 
- D.48-D.51                    Nobel Symposium V on 'Fast Reactions and Primary Processes in Chemical Kinetics', 1967.
- Porter gave a lecture on 'Flash Photolysis and Primary Processes in the Excited State' and the 'Summarizing Lecture'.
- See also D.337.
- 
- D.48                            Duplicated typescript of Porter's lecture on flash photolysis ? as prepared for publication.
- 
- D.49                            Duplicated typescript of Porter's 'Summarizing Lecture' with typescript note attached 'Corrected copy as submitted to the publishers'.
- 
- D.50                            Correspondence *re* publication of symposium proceedings.
- Includes manuscript and typescript drafts of article by Porter on the symposium.
- 
- D.51                            'Chairman's remarks at the closure of the symposium'.
- The Chairman was F.S. Dainton.
- Booklet on Nobel Symposia 'edited by the Nobel Foundation'.
- 
- D.52                            The Joseph Henry Lecture on 'Excited Molecules', Washington DC, USA, 1967.
- Typescript draft introduction *re* Faraday and his meeting at the Royal Institution with Henry.
- See also D.355.

**Lectures, broadcasts and publications**

- D.53 Paper on 'Spectra of the Aromatic Free Radicals' at Hydrocarbon Research Group 4th Conference on Spectroscopy, Brighton, 1968.  
Duplicated typescript draft.
- D.54 List of slides for ?lecture on history of the Royal Institution; brief correspondence, 1968-1969.  
Retained in original folder which has newspaper cutting cellotaped inside.
- D.55, D.56 Silvanus Thompson Memorial Lecture on 'Molecules in Microtime', British Institute of Radiology, 15 May 1969.  
Typescript drafts and reprint (*Br.J.Radiol.*, **42**, 1969).  
2 folders.  
See also D.329.
- D.57-D.75 'Time Machines', Royal Institution Christmas Lectures, 1969-1970.  
See also C.1071-C.1078.
- D.57-D.66 'Christmas Lectures "Time Machines" Manuscripts'. Contents of folder so inscribed divided into ten for ease of reference: typescript drafts, etc.
- D.67-D.72 'RI Lectures 1969/70 Transcripts'. Contents of folder so inscribed divided into six for ease of reference: duplicated typescripts.
- D.73-D.75 Contents of untitled folder divided into three for ease of reference: typescript drafts, etc.
- D.76 Liversidge Lecture, University of Essex and University College of South Wales and Monmouthshire, 1970.  
Typescript draft.  
See also D.232, D.240, D.273, D.333.



**Lectures, broadcasts and publications**

- D.77 'Opening of the Bernard Sunley Theatre', Royal Institution, 1970.  
Typescript drafts.
- D.77A Speech at Royal Institution Evening Party, 1971.  
Typescript drafts.
- D.78 Speech at the opening of a new chemistry building, Royal Holloway College, University of London, 1971.  
  
Correspondence *re* arrangements, etc; typescript draft; background information about Royal Holloway College and chemistry.
- D.79-D.81 'Lecture Notes'. Contents of folder so inscribed divided into three for ease of reference: typescript and manuscript notes and drafts for lectures on 'Molecules in microtime', 'Chemistry in microtime', 'Chemistry of the excited state', 'Excited states of organic molecules', etc.  
  
Most papers are undated but one draft of 'Chemistry of the excited state' is identified as Porter's Chemical Society Presidential Address (Porter was President of the Chemical Society, 1970-1972) and set of notes for 'Chemistry in microtime' has manuscript inscription 'Q.E. College - May 1974'.
- D.82 'Man of Action', BBC Radio Programme, 1973.  
Typescript drafts.
- D.83 Paper on 'Picosecond flash photolysis' by Porter and E.S. Reid given at the 5th L.H. Gray Memorial Conference, University of Sussex, September 1973. (Published in *Fast Processes in Radiation Chemistry and Biology*, The Institute of Physics and John Wiley & Sons, 1975).  
  
Duplicated typescript.
- D.84 'Molecules in Microtime', Royal Institution Discourse, December 1973. (*Proc. Roy. Instn*, **47**, 1975).  
  
Typescript drafts; manuscript list of legends for figures.

**Lectures, broadcasts and publications**

- D.85                      Lecture on 'Excited states of organic molecules' at international conference, Lisbon, Portugal, April 1974. (Published in J.B. Birks ed., *Excited states of biological molecules*, Wiley-Interscience, London, 1976).  
  
Duplicated typescript.
- D.86                      Haden Memorial Lecture of Institution of Heating and Ventilation Engineers.  
  
2pp typescript notes with manuscript inscriptions 'Priestley lecture' and '20 May 1974'.
- D.87                      Paper on 'Energy dependence, and pressure effects on, fluorescence lifetimes of aromatic vapours' by G.S. Beddard, G.R. Fleming, O.L.J. Gijzeman and Porter 'for conference Sept. 1974'.  
  
Fleming attended the conference.  
  
Photocopy of abstract, legends for figures and figures.
- D.88                      'Solar Energy'.  
  
7pp typescript draft on the history of solar energy, n.d.  
  
See also D.278.  
  
4pp typescript draft on solar energy, with manuscript inscription '(House of Lords - 6 March '75)'.  
  
D.89, D.89A              'Life under the Sun', Royal Institution Discourse, 7 March 1975.  
(*Proc.Roy. Instn*, **48**, 1975).
- D.89                      Manuscript and typescript notes and drafts.
- D.89A                      Contents of folder. Typescript drafts for Porter's 1975 Discourse on 'Life under the Sun' and photocopy of typescript of Porter's Farrington Daniels Memorial Lecture on 'Solar Energy' with manuscript date '30.8.76'.  
  
See also D.277.

**Lectures, broadcasts and publications**

- D.90-D.95 'The Relevance of Science - 1975'. Contents of folder so inscribed divided into six for ease of reference: typescript drafts for a number of lectures given by Porter on this topic, 1972-1975.
- D.96 Notebook used for ? notes and drafts for lectures.  
  
Many loose papers enclosed including typescript draft on 'The relevance of science' with manuscript inscription 'Returned from Prof. Stoker 8/1/75'.
- D.97-D.100 Lecture on 'Science and the Human Purpose (with some bicentennial reflections)', American Chemical Society Bicentennial Meeting, April 1976.  
  
Porter also lectured on this topic to ANZAAS, Perth, Australia, August 1976, as the Cecil and Ida Green Lecture, Vancouver, Canada, September 1976, as the Pahlavi Lecture, Iran, September 1977 (D.115) and to the Royal College of Defence Studies in the UK, June 1979.  
  
Contents of folder divided into four for ease of reference: typescript drafts.
- D.101 Lecture on 'Living systems as energy convertors', Pont à Mousson, France, October 1976.  
  
Typescript drafts of Porter's 'Introductory Lecture'.
- D.102 Lecture to Cardiff Scientific Society, [?1976].  
  
Typescript draft.
- D.103-D.113 'The Natural History of a Sunbeam', Royal Institution Christmas Lectures, 1976-1977.  
  
See also C.1094-C.1128, D.262.
- D.103-D.110 'Manuscripts Christmas Lectures 1976-77 "The Natural History of a Sunbeam" '. Contents of a folder so inscribed divided into eight for ease of reference: manuscript and typescript drafts of Porter's lectures, lists of demonstrations etc.
- D.111 Typescript drafts.

**Lectures, broadcasts and publications**

- D.112, D.113      Camera scripts.  
2 folders.
- D.114              Plenary Lecture on 'Pure and Applied Photochemistry', 26th IUPAC Congress, Tokyo, Japan, 1977.  
Typescript draft, off-print, etc.  
See also D.263.
- D.115              Pahlavi Lectures on 'Light under the Sun' and 'Science and the Human Purpose', Iran, September 1977.  
Typescript drafts; correspondence *re* publication of lectures, 1978.
- D.116-D.118      Radio talks on 'Chemistry' in the BBC Transcription Services 'Do You Know?' series, 1978.  
In 1976 Porter was invited by BBC Transcription Services to contribute ten short scripted radio talks. They were recorded in 1978.  
Correspondence 1976-1978, 1981; typescript drafts.  
3 folders.
- D.119              Address on the occasion of the presentation to Porter of the European Physical Society's Communications Award, September 1978.  
Typescript drafts.
- D.120              Lecture on 'Humphry Davy's Experimental Researches' delivered by Porter on the occasion of the two joint Evening Parties arranged by the Royal Society and the Royal Institution to commemorate the Bicentenary of the birth of Humphry Davy, October 1978. (*Proc. Roy. Instn*, **52**, 1980).  
Typescript drafts.  
See also C.1296-C.1315, D.219-D.221.

**Lectures, broadcasts and publications**

- D.121-D.123 'Romanes Lecture - November 1978 - "Science and the Human Purpose" - Israel'. Contents of folder so inscribed divided into three for ease of reference: typescript drafts.
- Porter delivered the Romanes Lecture on 'Science and the Human Purpose' to the University of Oxford, November 1978 and spoke on the same topic for the first of his Aharon Katzir-Katchalsky Lectures at the Weizmann Institute, Israel, 1979.
- D.124 Lecture on 'Solar Energy for Development' at Commission of the European Communities Conference, Varese, Italy, March 1979.
- Typescript drafts.
- D.125-D.127 The Goodman Lecture 'Evolution under the Sun - Has it a Future?', 12 June 1979.
- Typescript drafts.
- 3 folders.
- D.128 Joint Chemical Society/Royal Institution Lecture on 'Michael Faraday - Chemist', May 1980. (*Proc. Roy. Instn*, **53**, 1981).
- Typescript drafts.
- See also C.890, C.891.
- D.129-D.131 British Association Address on 'Chemistry ...the Formative Years', 1980.
- Typescript drafts, manuscript notes, newspaper-cuttings, transparencies etc., 1980-1985.
- 3 folders.
- D.132 Keynote paper on 'Prospects for a biological synthesis of "biomass" ' at International Conference on Energy from Biomass, Brighton, November 1980.
- Alternative title 'Solar Energy through Photochemistry' appears on one draft.
- Typescript drafts.
- See also D.278.

**Lectures, broadcasts and publications**

- D.133 Kelvin Lecture on 'Kelvin and the Energy Problem', Institution of Electrical Engineers, London, 12 March 1981.  
Typescript draft.  
See also D.300.
- D.134 Paper on 'Photochemical Routes to Solar Energy Retrieval' at Brighton meeting of Solar World Forum, August 1981.  
Typescript draft.
- D.135 Paper on 'Recent Progress in the Photolysis of Water' at Xth International Conference on Photochemistry, Crete, September 1981.  
Typescript draft.
- D.136 Paper on 'Chemical Approaches to Solar Energy', Moscow, USSR, September-October 1981.  
Typescript draft.  
Folder also includes 'Summary' of paper on 'The Photodissociation of Water' with manuscript inscription 'Moscow Sept 1981'.
- D.137 Paper on 'One Hundred and Eighty Years of Education in Popular Science at the Royal Institution', International Chemical Education Conference, Washington, D.C., USA, 1981.  
The abstract is dated '15.4.81'.  
Typescript drafts.
- D.138-D.140 Paper on 'Interdependence under the Sun', 9th World Public Relations Congress, India, January 1982.  
(*J. International Public Relations Association*, 6, 1982).  
Typescript drafts.  
3 folders.
- D.141, D.142 Joykessen Mukherjee Gold Medal Lecture on 'Chemistry in Microtime', Calcutta, India, 1982.

**Lectures, broadcasts and publications**

- D.141                    Typescript draft.
- D.142                    Typescript draft entitled 'Laser Flash Photolysis and Photobiology' with manuscript inscriptions 'Extracts A & B included in Joykessen Mukherjee Gold Medal Lecture, Calcutta' and 'Brazil'.
- D.143                    'Picosecond Chemistry and Biology Introduction' at one-day meeting on Picosecond Chemistry and Biology, Royal Institution, November 1982.  
  
Typescript draft.
- D.144                    Paper on 'Food and energy ... interdependent world needs' at CHEMRAWN [CHEMical Research Applied to World Needs] II, Manila, The Philippines, December 1982.  
  
Typescript drafts  
  
See also D.269.
- D.145-D.150            'Transfer and Storage of Chemical and Radiation Potential', *J.C.S. Faraday Trans. 2*, 1983.
- D.145-D.147            Typescript drafts, correspondence with editor, referees' comments, off-print.  
  
3 folders.
- D.148                    Typescript drafts on 'The Conservation and Storage of Chemical Potential', May 1982 and 'Efficiency in photochemical reactions', September 1983.  
  
Found with 1983 Faraday Transaction paper.
- D.149                    Correspondence with colleagues on solar efficiency calculations, 1982-1985.  
  
Found with 1983 Faraday Transaction paper.
- D.150                    Comments on Entropy Paper, 1984-1985.  
  
Found with 1983 Faraday Transaction paper.

**Lectures, broadcasts and publications**

- D.151                      Keynote address on 'The Photolysis of Water and Photochemical Energy Storage' at International Conference on Photochemistry and Photobiology', Alexandria, Egypt, January 1983.
- Typescript draft.
- See also D.270.
- 
- D.152, D.153              'Fuel from Water', Royal Institution Discourse, 4 March 1983. (*Proc. Roy. Instn*, **79**, 1983).
- Typescript drafts.
- 2 folders.
- See also C.892.
- 
- D.154                      Paper on 'The Sub-Nanosecond Regime in Photosynthesis', at NATO workshop on Applications of Picosecond Spectroscopy to Chemistry, Maratea, Italy, June 1983.
- Typescript draft.
- 
- D.155                      Paper on 'Efficiency Limitations in Photochemical Conversion', IOCD [International Organization for Chemical Sciences in Development] UNESCO meeting, Lausanne, Switzerland, June 1983.
- Typescript draft etc.
- 
- D.156                      Paper on 'Picosecond Spectroscopy: Applications in Biochemistry Part I Techniques' (with T.A.M. Doust and D. Phillips) at Biochemical Society meeting, London, December 1983. (*Biochem. Soc. Trans.*, **12**, 1984).
- Typescript draft and off-print.
- 
- D.157                      Paper on 'Picosecond Transient Absorption Spectra of Metalloporphyrins: Zinctetraphenylporphyrin' (T.A.M. Doust, L. Giorgi, B. Gore) at Picosecond Phenomena IV meeting, USA, June 1984.
- Typescript draft.



**Lectures, broadcasts and publications**

- D.158                    The Sir Dorab Tata Lectures on 'Science and Power: A View from 1984',  
India, 1984.  
(*Tata Review*, **13**, 1984).  
  
Typescript draft
- D.159                    'Citation Classic G. Porter and M.W. Windsor The triplet state in fluid media  
*Proc. Roy. Soc. A* **245** (1958)', *Current Contents*, 1984.  
  
Typescript draft, editorial correspondence.
- D.160, D.161            Presidential Address on 'Growing up with Science' to the Association for  
Science Education, University of Keele, 5 January 1985.  
(*The School Science Review*, 1985).
- D.160                    Typescript drafts.
- D.161                    Printed background material.
- D.162, D.163            Davy Lecture on 'Photosynthesis: the first nanosecond' to the Académie des  
Sciences, Paris, France, 29 April 1985. (*Pure & Appl. Chem.*, **58**, 1986).  
  
Typescript drafts.  
  
2 folders.  
  
See also D.246, D.276.
- D.164                    Paper on 'The contribution of chemistry and the chemical industry to  
mankind' to International Symposium, Kyoto, Japan, 13 May 1985.  
  
Typescript draft.  
  
See also D.272.
- D.165                    'Race against Time', *SCOPE*, **4**, Autumn 1985.  
  
Typescript draft.

**Lectures, broadcasts and publications**

- D.166 Paper on 'Chemistry's Cornucopia' at IUPAC conference, Manchester, 1986.  
Typescript draft.
- D.167 The Richard Dimpleby Lecture on 'Knowledge itself is power', 1988.  
Typescript draft.
- D.168-D.170 Sorbonne Lectures, Paris, France, n.d.  
  
Porter gave three lectures on 'The experimental study of fast reactions', 'The triplet state' and 'The spectroscopic and kinetic study of a number of aromatic free radicals'.  
  
Typescript drafts. English and French versions.  
  
3 folders.
- D.171 Address on the occasion of the 40th Anniversary of the Institute of Fuel, n.d. [?1967].  
  
See also D.357.  
  
Typescript draft.
- D.172 Miscellaneous notes and drafts for lectures and speeches, n.d.  
  
Include:  
  
'Transcript of a lecture by Professor Sir George Porter FRS'.  
  
'Hanbury Memorial Lecture - Pharmaceutical Society Introductory Remarks - lecture given by Professor R.B. Woodward'.  
  
'Picosecond lecture'.
- D.173 'Lecture Notes'. Contents of a folder so inscribed: typescript and manuscript notes, n.d.

**Lectures, broadcasts and publications**

- D.174-D.176 'Misc Speeches'. Contents of a folder so inscribed divided into three for ease of reference: typescript and manuscript notes, predominantly undated but includes 'Extracts from speech to Leeds University Chemical Society 1960' (D.174) and 'Introductory remarks by Professor G. Porter' with manuscript inscription 'Meeting at Sheffield 1963 ?' (D.175).
- D.177 'Misc Speeches and Articles'. Contents of folder so inscribed: typescript drafts, n.d.
- D.178, D.179 'Notes'. Contents of a folder so inscribed divided into two for ease of reference: typescript and manuscript notes, n.d.
- D.180-D.184 'Talks'. Contents of a folder so inscribed divided into five for ease of reference: typescript and manuscript notes, n.d.
- D.185 Thorne Grammar School notebook used for drafts for lectures or publications, n.d.
- D.186 Notebook used for drafts for lectures or publications, n.d.
- D.187-D.189 'Overheads (Extras)'. Contents of folder so inscribed divided into three for ease of reference, n.d.
- D.190-D.192 Miscellaneous transparencies, n.d.  
3 folders.
- D.193-D.195 Illustrative material for lectures or publications, n.d.  
3 folders.
- D.196-D.198 'Publications: Figures'. Contents of folder so inscribed divided into three for ease of reference, 1967-1975.

**Lectures, broadcasts and publications**

- D.199-D.207 'Lecture Demonstrations Notes'. Contents of folder so inscribed divided into nine for ease of reference: correspondence, manuscript and typescript notes, background material etc *re* Porter's lecture demonstrations, 1955-1971, n.d.
- D.208 'G. Porter - Lectures Demonstrations for Television'. Contents of an envelope so labelled: index cards.
- D.209-D.368 **DRAFTS - ALPHABETICAL SEQUENCE** **ca 1954-1985, n.d.**
- A sequence of lectures and publications material arranged alphabetically by folder title or topic.
- D.209-D.218 'Civil Service Lecture notes'. Contents of folder so inscribed: 1964-1969.
- The Royal Institution lectures in science were given to administrative class civil servants as part of the educational programme of the H.M. Treasury Training and Education Division.
- See also C.1316-C.1328, C.1329-C.1335.
- D.209 Booklet of general information, list of participants, synopses etc, for lectures, 1964-1965.
- Includes letter from W.L. Bragg to Porter, 12 February 1965, found at front of booklet.
- D.210 Booklet of general information, list of participants, synopses etc, for lectures, 1965.
- Includes manuscript notes by Porter and correspondence, March 1965, found at front of booklet.
- D.211 Drafts for lectures 1964.
- 'Civil Service Lecture - No.1'.
- 'Civil Service Lecture - No.2: Thermodynamics'.

**Lectures, broadcasts and publications**

- D.212                      Drafts for lectures 1965:  
  
Lecture I 'The elements and their compounds'.  
  
Lecture II 'Molecules in motion'.  
  
Lecture III 'Thermodynamics and chemical change'.  
  
Lecture IV 'Biochemistry'.
- D.213, D.214              Drafts for lectures 1966
- D.213                      Lecture I 'Matter and motion'.
- D.214                      Lecture VI 'Molecules'
- D.215                      Drafts for lecture 1968.  
  
Lecture I 'Matter and motion'
- D.216                      Duplicated question sheets, etc. Some papers dated 1968.
- D.217                      Duplicated question sheets, etc. 1 paper inscribed 'File for 1969'.
- D.218                      Undated drafts for lectures.  
  
Lecture VI 'Molecules'.  
  
'Patterns of Chemical Change'  
  
Demonstrations for Civil Service Lectures.
- D.219-D.221              'Davy Lectures'. Contents of folder so inscribed: drafts etc, undated but prepared in connexion with the bicentenary of Davy's birth in 1978.  
  
See also C.1296-C.1315, D.120.
- D.219                      Typescript draft of lecture on 'The House of Humphry Davy', n.d. [1978].



**Lectures, broadcasts and publications**

- D.234 Shorter manuscript and typescript notes and drafts: 'Nottingham', Aromatic free radicals', 'Some aspects of photochemistry of aromatic molecules', etc, n.d.
- There are drafts on 'aromatic free radicals' for 'Hungary' and 'Tokyo'.
- D.235 'Lecture Notes - Photochemistry'. Papers so labelled, n.d. 1967 or later.
- 'Primary Processes'. 1p duplicated typescript with manuscript inscription 'File for possible future use', n.d.
- D.236 Paper on 'Quantum yields of triplet formation in solutions of chlorophyll', Livingston Symposium, Minnesota, USA, 1967.
- 3pp typescript notes.
- Talk given at General Electric, USA, 1967.
- 1p manuscript notes.
- D.237 Typescript drafts of a ? series of three lectures, n.d.:
- 'Photochemical primary processes'.
- 'Atomic spectra'.
- 'Bond energies and dissociation energies. 3rd lecture'.
- D.238 'Photochemistry and radiation chemistry'.
- Typescript draft, manuscript notes etc., n.d.
- D.239 'Bond Energy'. Manuscript notes so labelled, n.d.
- The notes, the first page of which is headed 'Molecular Structure and Q.M. Lennard-Jones', may be notes of J.E. Lennard-Jones's lectures at Cambridge where he was Professor of Theoretical Chemistry, 1932-1953.
- D.240 Liversidge Lecture on 'Nanosecond flash photolysis', 1970.

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**Lectures, broadcasts and publications**

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- Typescript draft, slide list, manuscript notes.
- See also D.76, D.232, D.273, D.333.
- 'Spectroscopic analysis of very fast chemical reactions'.
- 3pp typescript notes, n.d.
- D.241-D.244 'Lecture Notes Research Lectures'. Contents of folder so inscribed: 1975, n.d.
- D.241 Shorter manuscript and typescript notes and drafts: 'Free radicals. Introduction', 'Very fast molecular processes', 'Sub-nanosecond flash photolysis', 'Pure and Applied Photochemistry', 'Photolysis of water', etc, n.d.
- D.242 Shorter manuscript and typescript notes and drafts: 'Models for photosynthesis', n.d., 'Concentration quenching versus transfer in chlorophyll', November 1975 and 'Living systems as energy converters', n.d.
- D.243 'Photochemistry'. Typescript outline of three lectures of lecture course, with manuscript additions, n.d.
- D.244 Shorter manuscript and typescript notes and drafts: 'Physical processes'. 'Introduction to "electron and proton transfer in excited state" ', 'Pomona lecture 4', etc., n.d.
- D.245-D.247 'Lecture (Research) Notes'. Contents of folder so inscribed: 1984-1985, n.d.
- D.245 Typescript notes and drafts: 'Very fast molecular processes', Berlin, October 1984; 'Prospects for efficient conversion of solar energy, Birkbeck College, London, October 1984; Hans Kuhn Lecture on 'Modelling Photosynthesis', Göttingen, 1985.
- D.246 Davy Lecture on 'Photosynthesis: the first nanosecond' to Académie des Sciences, 29 April 1985.
- Typescript draft.
- See also D.162, D.163, D.276.

/...



**Lectures, broadcasts and publications**

- /... 'The photolysis of water', 'Kent', n.d.  
Typescript draft.
- D.247 'Photochemical routes to solar energy retrieval', n.d.  
Typescript draft, etc.  
  
'Photocatalysis', n.d.  
Typescript and manuscript draft.
- D.248-D.275 'Original Manuscripts'. Contents of folder so inscribed: 1965-1985, n.d.
- D.248 'Radiationless conversion in organic molecules', final report on Science Research Council Grant for Special Research No.B/SR/272, latest bibliographical reference 1965.  
  
Porter's address is given as Department of Chemistry, University of Sheffield.  
  
7pp typescript draft including publications list.  
  
6pp manuscript draft.
- D.249 'Future of the Royal Institution Memorandum for the Development Committee', 1965.  
  
9pp duplicated typescript.  
  
See also C.1.
- D.250 'Reactivity, radiationless conversion and electron distribution in the excited state', lecture to 13th conference on chemistry at the University of Brussels, Belgium, 1965 (published in conference proceedings, 1967).  
  
46pp typescript draft with extensive manuscript revision + references.

Lectures, broadcasts and publications

- D.251 'Primary Photochemical Processes. Part 14. Comparative Photochemistry of Aromatic Carbonyl Compounds' (with P. Suppan), *Trans. Faraday Soc.*, **62**, 1966.  
12pp typescript draft with manuscript additions and corrections + references, legends and tables.
- D.252 'Role of the  $^3(n-\pi^*)$  state in the photoreduction of acridine' (with E. Vander Donckt), *J. Chem. Phys.*, **46**, 1967.  
12pp typescript draft with extensive revision + title page and summary.
- D.253 'Acidity constants of aromatic carboxylic acids in the  $S_1$  state' (with E. Vander Donckt), *Trans. Faraday Soc.*, **64**, 1968.  
4pp typescript draft with manuscript and additions + title page and references.
- D.254 'Acidity constants of anthracene derivatives in singlet and triplet excited states' (with E. Vander Donckt), *Trans. Faraday Soc.*, **64**, 1968.  
9pp typescript draft with manuscript additions and corrections + title page and legends for figures.
- D.255 'Penguin Science Survey - 1968 Biology'. Papers so labelled.  
22pp manuscript draft entitled 'Primary processes of photochemistry and photobiology' + 'First para' and diagrams.
- D.256 'Nanosecond flash photolysis and the absorption spectra of excited singlet states' (with M.R. Topp), *Nature*, **220**, 1968.  
4pp typescript draft with manuscript additions and corrections + references and table.
- D.257 'Spectra of the aromatic free radicals', Institute of Petroleum, London, 1968.  
9pp typescript draft with manuscript additions and corrections + manuscript list of references.

**Lectures, broadcasts and publications**

- D.258 'Vibrational relaxation following inter-system crossing' (with S.J. Formosinho and M.A. West), *Chem. Phys Letters*, **6**, 1970.
- 3pp typescript draft with manuscript corrections and additions + manuscript summary and legends for figures.
- D.259 'Fluorescence Lifetimes in the Photosynthetic Unit' (with G.S. Beddard, C.J. Tredwell and J. Barber), *Nature*, **258**, 1975.
- Two typescript drafts with manuscript corrections and additions, + references, tables and figures.
- D.260 'The effect of concentration on the triplet yield of pyrene in Poly (methylmethacrylate)' (with E. Avis and P. Avis), *J.C.S. Faraday Trans. II*, **72**, 1976
- 4pp manuscript draft not by Porter with manuscript additions and corrections by him + references, latest bibliographical reference.
- D.261 'Concentration quenching in chlorophyll' (with G.S. Beddard), *Nature*, **260**, 1976.
- 12pp typescript draft with extensive manuscript revision + references and figure.
- 6pp typescript 'Final draft 6/2/76' with extensive revision + references.
- D.262 'Chemistry in the Sunshine or Life under the sun', Royal Institution Christmas Lectures, 1976-1977.
- 14pp typescript outline with extensive manuscript revision for introduction and six lectures.
- See also C.1094-C.1128, D.103-D.113.
- D.263 'Pure and applied photochemistry', Plenary Lecture at 26th IUPAC Congress, Tokyo, Japan, 1977.
- 20pp typescript draft with extensive manuscript revision + manuscript lists of references, legends and slides.
- See also D.114.

**Lectures, broadcasts and publications**

- D.264 'In vitro models for photosynthesis', Royal Society Bakerian Lecture, November 1977 (*Proc. Roy. Soc. Lond. A*, **362**, 1978).  
36pp typescript and manuscript draft with extensive manuscript revision.
- D.265 'News item. Wolfson Chair of Natural Philosophy at the Royal Institution', [1977].  
2pp typescript draft ? press release.  
2pp typescript draft with manuscripts and additions.
- D.266 'Picosecond time resolved fluorescence lifetimes of the polymethine and related dyes (with C.M. Keary and C.J. Tredwell), latest bibliographical reference 1978.  
16pp typescript 'Rough Draft' with manuscript corrections and additions + references, tables and figures.
- D.267 'Photooxidation of water in visible light: an in vitro model for photosystem II' (with A. Harriman and I Duncan), draft of letter to *Nature*, 1978.  
5pp typescript with manuscript additions and corrections; manuscript draft and carbon copy of covering letter to *Nature*, 26 April 1978.  
Carbon has manuscript inscription 'Eventually not published in *Nature*'.
- D.268 'Anisotropic absorption studies of rotational diffusion using a synchronously pumped dye laser' (with G.S. Beddard, G.R. Fleming, J. Rowe and M.J. Westby), latest bibliographical reference, 1979.  
18pp typescript and manuscript draft with manuscript additions and corrections + title page, abstract, references, tables and figures.
- D.269 'Original Manuscript for CHEMRAWN [CHEMical Research Applied to World Needs] II Conference on "Food and Energy - Interdependent World Needs" - Manila, December 1982'.  
11pp typescript so labelled with extensive manuscript revision + manuscript abstract, tables and figure.  
See also D.144.

**Lectures, broadcasts and publications**

- D.270 'The photolysis of water and photochemical energy storage', keynote address at International Conference on Photochemistry and Photobiology', Alexandria, Egypt, January 1983.
- 9pp manuscript draft + 'additional references', abstract and transparency.
- See also D.151.
- D.271 'The sub-nanosecond regime in photosynthesis' in K.B. Eisenthal ed., *Applications of picosecond spectroscopy to chemistry*, 1984.
- 16pp typescript with extensive manuscript revision + summary and figures and legends.
- D.272 Lecture on 'Contributions of Chemistry to Human Life' to International Symposium on Chemistry and the Chemical Industry, Kyoto, Japan, May 1985.
- 10pp typescript.
- 13pp typescript with extensive manuscript revision.
- See also D.164.
- D.273 'Liversidge. Slides', n.d.
- 2pp typescript so titled.
- See also D.76, D.232, D.240, D.333.
- D.274 'Molecules to Man', n.d.
- 21pp typescript lecture with manuscript additions and corrections.
- See also D.327, D.345.
- D.275 'Photochemistry of complex molecules', n.d.
- 17pp typescript with manuscript additions and corrections.
- D.276-D.279 'Photosynthesis Lectures'. Contents of folder so inscribed: 1975-1985 and n.d.

**Lectures, broadcasts and publications**

- D.276 'Life under the sun', Malvern, Worcestershire, 26 September 1984.  
Typescript outline.  
  
Davy Lecture on 'Photosynthesis: the first nanosecond' to the Académie des Sciences, Paris, France, n.d. [29 April 1985]. (*Pure & Appl. Chem.*, **58**, 1986).  
  
Typescript drafts.  
  
See also D.162, D.163, D.246.
- D.277 Farrington Daniels Memorial Lecture on 'Solar Energy', Rome, Italy, 30 August 1976.  
  
Photocopy of typescript draft.  
  
See also D.89A.  
  
'The Photochemical Basis of Life - Ancient and Modern', n.d.  
  
Typescript draft.
- D.278 'A biological synthesis of "biomass" ', Brighton, Sussex, n.d. [November 1980]. See also D.132.  
  
Typescript draft.  
  
Typescript notes on solar energy with manuscript inscription 'House of Lords', n.d. [1975]. See also D.88.  
  
'Models for photosynthesis', n.d.  
  
Typescript draft.
- D.279 Transparencies.
- D.280-D.282 'Pico Sec[ond] Technique Lectures and Notes'. Contents of folder so inscribed : 1975-1976 and n.d.

**Lectures, broadcasts and publications**

- D.280 Shorter manuscript and typescript notes and drafts.
- Include:
- 'Notes on picosecond events in chemistry', n.d.
- 'Lasers in chemistry. 3 lectures for Pulman, Washington', n.d.
- 'High power lasers in chemistry', Science Research Council/Atomic Energy Authority Laser Meeting, Royal Society, 17 October 1975.
- 'Pomona lectures. Molecules in microtime', n.d.
- 'Picosecond flash photolysis', n.d.
- D.281 'Laser flash photolysis and spectroscopy'.
- Typescript draft with manuscript inscription 'Frew Lecture Perth 1976'. Porter delivered the Godfrey Frew Lecture at the University of Adelaide, Australia in 1976.
- Shorter manuscript and typescript notes and drafts on 'Picosecond measurements' and 'Picosecond chemistry and biology', n.d.
- D.282 'Molecular (rotational) diffusion and solvent viscosity'.
- Manuscript and typescript draft, n.d.
- Shorter manuscript notes and drafts, printed background material, etc.
- D.283-D.311 Schools Lectures 1956-1984
- D.283-D.293 'Schools Lectures Notes'. Contents of folder so inscribed: notes, drafts and background material, 1956-1984.
- The papers were found in considerable disorder and are presented in the order found which is not chronological.
- D.283 Various paginated and unpaginated notes and drafts for lecture on 'Molecules in motion'.
- Includes drafts prepared for schools lecture on this topic in 1968.

**Lectures, broadcasts and publications**

- D.284                      Summaries of lectures on 'Models for photosynthesis', 1978 and 1982.  
  
Summaries, lists of experiments, notes for lecture on 'How things move', various dates, 1967-1979.
- D.285                      'The science of a sunbeam'. Contents of folder so inscribed: notes, drafts, summary, etc., 1971, 1979 and n.d.
- D.286                      Notices of Royal Institution science lectures for schools, 1968, 1975; summaries, 1968, 1972 and 1975.
- D.287                      Includes papers for school lectures in 1980.
- D.288                      Includes 10pp draft of lecture on 'Very high temperature reactions', n.d. but Porter's address is given as the Department of Physical Chemistry, University of Sheffield.
- D.289                      Notes and drafts for lecture on 'Electrons in molecules', 1964, 1967, n.d.
- D.290                      Includes manuscript draft of lecture on 'Chemistry at extreme temperatures' given to Liverpool Chemical Society, 1956, undated typescript draft of schools lecture of same title and typescript draft 'High temperature chemistry'.  
  
An article by Porter on 'High-Temperature Chemistry' was published in *Endeavour*, **16**, 1957.
- D.291                      Miscellaneous shorter manuscript and typescript notes and drafts, 1961-1982 and n.d.  
  
Nuffield Foundation Science Teaching Project Progress Report, October 1964.
- D.292                      Notes and drafts for lectures on 'What is chemistry?' and 'Chaos and Chemical Equilibrium', n.d.  
  
The lecture on 'What is chemistry?' is identified as a 'Prep Schools Lecture'.



**Lectures, broadcasts and publications**

- D.293 Includes papers *re* C.F. Blakemore's Royal Institution Christmas Lectures on 'Common Sense', 1982-1983 and summary of Porter's Dreyfus lecture to sixth form pupils 'Energy is conserved - ok?', 1984.
- For Blakemore's Royal Institution Christmas Lectures see C.1140-C.1142.
- D.294-D.300 'Prep. Schools Lectures'. Contents of folder so inscribed: notes, drafts, transparencies etc for lectures: 1964-1982.
- The papers were found in considerable disorder and are presented in the order found which is not chronological.
- The lectures appear to have been given to a wider range of school audiences than the title of the folder would suggest.
- D.294 Contents of plastic wallet: typescript notes and drafts for lecture on 'How things move?', 1970, 1977 and n.d.
- D.295 Contents of plastic wallet: typescript notes and drafts for lectures on 'Light and life', 'Chemistry of a sunbeam', 'Famous experimenters', 'Fuel from water' and 'Models for photosynthesis'.
- Only the 'Models for photosynthesis' papers are dated, March 1982.
- D.296 Typescript notes and drafts for lectures on 'Light and life', 'Very fast reactions', 'Chemistry in microtime', etc, 1973, 1977, 1980 and n.d.
- D.297 Typescript notes and drafts for lectures on 'Patterns of chemical change' and 'Models for photosynthesis', 1977, 1982 and n.d.
- D.298 Includes camera script for recording by BBC Television of Porter's lecture 'Quick as a flash', 1967.
- See also C.886-C.889, C.1366, D.45-D.47, D.321, D.333, D.336, D.408.
- D.299 Includes papers *re* schools lecture at the University of Sheffield, 1964 and Nuffield Lecture on 'Ignorance and disorder in the world of energy', n.d.
- Porter delivered the Nuffield Lecture at Chelsea College, London in 1980.

**Lectures, broadcasts and publications**

- D.300 Includes typescript draft of 'Kelvin Lecture', 12 March 1981 and transparencies.
- See also D.133.
- D.301-D.305 'Schools Lectures' and 'Ignorance and Disorder in the world of energy'. Contents of folder so inscribed divided into five for ease of reference: manuscript and typescript notes and drafts and transparencies, [1965], 1971, 1973, 1975 and n.d.
- The papers were found in considerable disorder and are presented in the order found. Most papers undated.
- D.306-D.308 'Australian science school lectures 1971'. Contents of folder so inscribed divided into three for ease of reference: duplicated typescript of five lectures by Porter for the 14th International Science School for High School Students, Sydney.
- D.309 Contents of untitled folder: typescript and duplicated typescript papers for refresher course for school teachers, Sheffield, April 1965.
- D.310, D.311 Contents of untitled folder: correspondence and papers *re* the presentation of entropy at school level, 1984.
- Papers relate to the 'Revised Nuffield Advanced Chemistry' course and Porter's Presidential Address to the Association for Science Education.
- Porter delivered the Presidential Address to the Association for Science Education at its AGM in January 1985. See E.15-E.23.
- 2 folders.
- D.312-D.319 Solar Energy 1975-1984, n.d.
- D.312-D.315 'Solar Energy Notes for lectures'. Contents of folder so inscribed divided into four for ease of reference: typescript drafts on solar energy, photosynthesis', n.d.
- D.316-D.319 'Solar Energy Notes and Papers'. Contents of folder so inscribed: off-prints, typescript drafts and background material, 1975-1984 and n.d.
- D.316 Off-prints by Porter 1975, 1976.

**Lectures, broadcasts and publications**

- D.317 Includes typescript draft on 'Photosynthesis ... a challenge to the photochemists', n.d.
- D.318 Includes typescript draft on 'Diss. of water' and typescript draft of talk to the Parliamentary and Scientific Committee on 'solar energy and its potentialities by the photosynthetic route', n.d.
- D.319 Printed background material, 1979-1984.
- D.320-D.368 Special lectures ca 1954-1975, n.d.
- D.320-D.344 'Special lectures - Notes flash photolysis etc'. Contents of folder so inscribed: drafts, ca 1954-1975.  
  
The contents of the folder are presented in the order found which is not chronological.
- D.320 'Tizard Memorial Lecture', February 1969.  
  
Typescript drafts.  
  
See also D.333, D.349.
- D.321 'Quick as a Flash'.  
  
Typescript draft.  
  
See also C.886-C.889, C.1366, D.45-D.47, D.298, D.333, D.336, D.408.
- D.322 Shorter typescript drafts on 'Picosecond chemistry', 'Picosecond chemical kinetics', 'Nanosecond and picosecond flash photolysis', and 'Nanosecond flash photolysis' with manuscript inscription 'Sheffield 1968'.
- D.323 'Nanosecond Flash Photolysis'.  
  
Manuscript and typescript drafts. One headed 'Chem. Soc. Mtg. Nottingham 1969'.

**Lectures, broadcasts and publications**

- D.324 '25 yrs of flash photolysis'.  
Typescript and manuscript notes, first page headed 'Given at PDG Discussion Mtg - RI 13/14 May 1975'.
- D.325 'Laser Flash Photolysis and Photobiology'.  
Typescript draft with manuscript additions and deletions. The title of the typescript draft (given above) is crossed out and replaced with 'Excited States of Organic Molecules'. Latest bibliographical reference, 1973.
- D.326 'Cambridge'.  
Typescript notes for talk to Cambridge Philosophical Society, October 1969.  
  
'Photochemical Kinetics'.  
Typescript notes for Teachers Refresher Course, University College London, 1972.
- D.327 'Molecules to Man', Coventry Cathedral, 1969.  
Typescript draft.  
See also D.274, D.345.
- D.328 'Very fast chemical reactions'.  
Typescript drafts, n.d.
- D.329 'Chemistry of the excited state'.  
Typescript and manuscript notes for 'Chem soc lecture', n.d.  
  
Brief correspondence with British Institute of Radiology, 1969, *re* publication of Porter's Silvanus Thompson Memorial Lecture with text of lecture as prepared for publication. (*Br. J. Radiol.*, **42**, 1969).  
  
See also D.55, D.56.

**Lectures, broadcasts and publications**

- D.330 Shorter manuscript and typescript notes and drafts.  
Include:  
'Nanosec Flash Photolysis'.  
'Chemistry of the excited state', Queen's University, Belfast, February 1972.  
'Lecture to Ministry of Defence - Bernard Sunley Theatre [Royal Institution] - May 4, 1971'.
- D.331 Flash photolysis and some of its applications', Nobel Lecture, Stockholm, Sweden, 11 December 1967.  
Duplicated typescript.
- D.332 'Flash Photolysis'.  
Typescript draft, latest bibliographical reference, 1960.
- D.333 Shorter typescript notes and drafts.  
Include:  
'Primary photochemical processes', 'U.C. [University College London] research colloquium', July 1967.  
'Lecture notes Quick as a flash', n.d. See also C.886-C.889, C.1366, D.45-D.47, D.321, D.336, D.408.  
'Liversidge Lecture 1970'. See also D.76, D.232, D.240, D.273 .  
'Tizard Lecture', n.d. See also D.320, D.349.
- D.334 'Recent Progress in the Study of Transient Chemical Intermediaries', 20th Farkas Memorial Lecture, Hebrew University, Jerusalem, 1969.  
Typescript draft.
- D.335 Untitled typescript draft of ? popular lecture on high speed chemistry, n.d.

**Lectures, broadcasts and publications**

- D.336 Shorter manuscript and typescript notes and drafts for lectures on flash photolysis, n.d.
- Include notes for lecture to 'Kings College. Maxwell society'.
- See also D.222.
- 'Quick as a flash'.
- Typescript notes, n.d.
- See also C.886-C.889, C.1366, D.45-D.47, D.321, D.333, D.408.
- D.337 Shorter typescript notes and drafts:
- 'Lecture - Nobel Symposium Stockholm 1967'. See also D.48-D.51.
- 'Flash photolysis'.
- 'Chemistry of the excited state'.
- D.338 'Fast reactions in solution by flash photolysis methods', 'Hahnenh[?] Paper, Sept. 1959'.
- Typescript draft.
- D.339 'Some new techniques for the study of labile molecules'.
- Typescript draft in English of a lecture to be given to a German audience, n.d. but refers to 'experimental methods which we have developed in Cambridge during the past few years ...'. Porter left Cambridge in 1954.
- The paper was given at Göttingen. For a German text see D.362.
- Untitled typescript draft of lecture on very fast chemical reactions given in Brussels, Belgium, n.d.
- The opening paragraphs are in English and French.
- D.340 Lecture on 'Metastable states in photochemistry', Conference on Chemical Aeronomy, Cambridge, Massachusetts, June 1956. Published in *The threshold of space: the proceedings of the conference on chemical aeronomy*. Pergamon Press, 1957.
- Typescript draft.

**Lectures, broadcasts and publications**

- /... Shorter manuscript and typescript notes and drafts, n.d.  
Include:  
'The simple aromatic free radicals'.  
'The spectra of diatomic molecules'.
- D.341 Lecture on 'Spectroscopic detection of the simple aromatic free radicals', Chemical Institute of Canada, Ottawa, n.d. but Porter's address is given as the University of Sheffield where he was Professor, 1955-1966.  
Manuscript and typescript drafts.
- D.342 Lecture on 'Very High Temperatures Reactions', British Association meeting, Sheffield, 30 August 1956.  
Typescript drafts.
- D.343 'Free radicals and triplet states in aromatic vapours', *Chem. Soc. Special Pub.*, no.9, 1958.  
Typescript draft.  
  
'Radicals - free and not so free'.  
Manuscript notes, n.d.
- D.344 Paper on 'Studies of some new matrices for radical stabilization' (with H.T.J. Hilton), Fourth International Symposium on Free Radical Stabilization, Washington D.C., USA, 1959.  
Typescript draft.  
  
'The experimental chemistry of transient intermediates'.  
Typescript draft, n.d.
- D.345-D.368 'Special lectures - Notes miscellaneous'. Contents of folder so inscribed divided into twenty four for ease of reference: drafts, ca 1954-ca 1974, n.d.  
  
The contents of the folder is presented in the order found which is not chronological.

**Lectures, broadcasts and publications**

- D.345                    'Molecules to Man', [Coventry Cathedral, 1969].  
Typescript draft.  
See also D.274, D.327.
- D.346                    John Dalton Lecture on 'Atoms in Motion', Manchester, 1970.  
Typescript drafts; 1 letter, 1972.
- D.347                    Förster Memorial Lecture on 'Some reflections on the work of Theodor Förster', n.d.  
  
Förster died in 1974. Porter was invited to give the memorial lecture by the European Photochemistry Association.  
  
Typescript drafts.
- D.348                    'The Royal Institution'.  
Typescript draft, n.d.
- D.349                    'The Tizard Memorial Lecture'.  
Typescript draft, n.d.  
See also D.320, D.333.
- D.350                    'Heriot-Watt University Lecture'.  
  
The lecture was given on the occasion of the award of an honorary degree to Porter in 1971.  
  
Typescript draft.  
See also A.64, A.65.
- D.351                    Correspondence *re* invitation for Porter to address a joint meeting of the Cambridge University Chemical Society and the Chemical Society (London), 1972.  
  
He agreed to talk on 'Molecules in the excited state', 8 March 1973.



**Lectures, broadcasts and publications**

- D.352                      Notice of lecture by Porter on 'The New Chemical Society', General Electric Research & Development Center, Schenectady, New York, 8 June 1972.
- Manuscript and typescript notes for General Electric Lecture, 1972.
- Typescript 'Final Draft - 10.4.72' on 'The Industrial Relations Act and the Professional Worker'.
- D.353                      'Catalysts Dinner - 1967'.
- Typescript draft.
- See also D.358.
- Shorter manuscript and typescript notes and drafts:
- 'Nanosecond chemistry'.
- 'Quenching of aromatic hydrocarbons by free radicals', 25 April 1972.
- 'Origin of life'.
- D.354                      'Faraday'.
- Two typescript drafts *re* programme for London Weekend Television, n.d.
- See also C.1378-C.1381.
- D.355                      The John Henry Lecture on 'Excited Molecules', Washington, D.C., USA, 1967. See also D.52.
- Typescript drafts.
- 'Time machines', Schenectady, New York, USA, 1970.
- Typescript notes.
- D.356                      'Photochemistry of aromatic aldehydes and ketones'.
- Typescript draft, n.d.

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**Lectures, broadcasts and publications**

- /... Manuscript notes *re* Faraday, n.d.  
Duplicated typescripts *re* existence of God, etc., n.d.
- D.357 Address on the occasion of the 40th Anniversary of the Institute of Fuel.  
See also D.171.  
Typescript of Porter's address corrected for publication; brief correspondence *re* publication of the address, 1967.
- D.358 Typescript draft headed 'Catalysts Dinner. Faraday'. See also D.353.  
Catalysts' Club Dinner menu cards for 1965 and 1966.
- D.359 Manuscript notes *re* history of the Royal Institution.  
Include notes by W.L. Bragg, n.d. and notes by Porter for 'Lecture to G.E. [General Electric Company] 1967'.
- D.360 'The study of unstable molecules'.  
Typescript and manuscript draft, n.d.  
Shorter manuscript and typescript notes and drafts:  
'The role of the triplet state in dye photochemistry', Basle meeting, n.d. *Chimia*, **15**, 1961.  
'Mass spectra', n.d.  
'Miscellaneous incomplete pages of lecture notes', n.d.
- D.361 'The triplet state'.  
Typescript and manuscript draft, n.d.
- D.362 'Neue Verfahren zum Studium instabiler Moleküle'.  
Typescript draft of lecture at Göttingen n.d. but refers to 'experimentelle methode ... die wir in den letzten Jahren in Cambridge ... entwickelt haben'. Porter left Cambridge in 1954.  
For an English text see D.339.

**Lectures, broadcasts and publications**

- D.363 'Space, Spatula and Spectrogram',  
Typescript draft of lecture as President 'for this session' of the [?Sheffield University] Chemical Society, n.d., latest date in text, 1956.  
  
Shorter manuscript and typescript notes and drafts, n.d:  
  
'Flash photolysis ...'  
  
'Fast reactions'  
  
'Photochemistry of aldehydes & ketones'.  
  
'Reactivity of electronically excited states'.
- D.364 'Chemical Aeronomy The Chemistry of Space Travel'.  
Typescript draft, n.d.  
  
'Trapped radicals - rocket propellants?'  
  
Typescript drafts, n.d.
- D.365 'Research on Free Radicals as Rocket Propellants' by G. Moe and D.L. Armstrong, Aerojet-General Corporation, Azusa, California.  
  
'Pre-publication copy', latest bibliographical reference, 1957.
- D.366 'Future of quaternary education'.  
  
Manuscript notes, n.d., latest date in text, 1963.
- D.367 'The physical basis of chemistry'.  
  
Typescript draft, n.d.
- D.368 Shorter manuscript and typescript notes and drafts, n.d.:  
  
'Photochemistry of aromatic molecules and dyes'.  
  
'Aromatic Free Radicals'. Two sets of notes so titled.  
  
'Triplet State by Flash Photolysis'.  
  
'Fast reactions in combustion processes'.

**Lectures, broadcasts and publications**

**D.369-D.464**                      **CORRESPONDENCE *RE* LECTURES, BROADCASTS AND PUBLICATIONS**                      **1955-1986**

D.369-D.393                      Invitations to lecture

D.394-D.431                      'Radio/Television'

D.432-D.464                      Advisory and editorial

**D.369-D.393**                      **Invitations to lecture**                      **1971-1985**

Predominantly a sequence relating to invitations Porter was obliged to decline because of the extent of other commitments.

D.369                                      1971-1972.

D.370-D.372                      1973.  
3 folders.

D.373-D.376                      1974.  
4 folders.

D.377-D.380                      1975.  
4 folders.

D.381, D.382                      1976.  
2 folders.

D.383, D.384                      1977.  
2 folders.



**Lectures, broadcasts and publications**

- /... 5 folders.  
See also D.15-D.40.
- D.403-D.407 ' "Horizon" - Various Programmes'. Contents of folder so inscribed divided into five for ease of reference: correspondence and papers *re* various programmes in the BBC television science series "Horizon", 1963-1983.  
Programmes include 'The Chemical History of a Candle' 1964 (D.403, D.404), Horizon Special for Faraday Centenary 1967 (D.405) and 'Dr Priestley and Oxygen' 1983 (D.407).
- D.408-D.410 'BBC TV - Various Programmes'. Contents of folder so inscribed divided into three for ease of reference: correspondence, contracts, camera script etc, 1965-1977.  
Programmes include 'Quick as a Flash' broadcast 10 December 1967 (D.408).  
For further papers *re* 'Quick as a Flash' see C.886-C.889, C.1366, D.298, D.321, D.333, D.336.
- D.411-D.413 'Filming (Various) at the R.I / Equipment borrowed by the BBC'. Contents of folder so inscribed divided into three for ease of reference: correspondence and papers, 1967-1985.
- D.414-D.420 'BBC Radio - Various Programmes'. Contents of folder so inscribed divided into seven for ease of reference: correspondence, contracts, transcripts etc, 1966-1979.  
D.415 includes papers *re* Italian Radio (RAI) Interview Programme on Nobel Prizes November 1967.
- D.421 'Within these four walls', BBC Television, 1971.
- D.422, D.423 'BBC Young Scientists of the Year'. Contents of folder so inscribed divided into two for ease of reference: correspondence and papers, 1980-1985.  
See also C.1272, C.1273.

**Lectures, broadcasts and publications**

- D.424 'BBC OU Course -1971'. Contents of folder so inscribed: correspondence and papers, 1970-1971.
- D.425, D.426 'Open University Programme on "Davy" - 1972'. Contents of folder so inscribed divided into two for ease of reference: correspondence and papers, 1971-1972.
- D.427-D.430 'BBC Open University Programme on Michael Faraday (1972)'. Contents of folder so inscribed divided into four for ease of reference: correspondence and papers, 1972-1973.
- D.431 'BBC Open University Correspondence'. Contents of folder so inscribed: 1973-1979.
- D.432-D.464                      Advisory and editorial                      1955-1986**
- D.432-D.453 Correspondence with journals and publisher, 1955-1985.  
Alphabetical sequence.
- D.432, D.433 *Chemical Physics Letters*                      1971-1985  
Porter was a member of the Advisory Board until 1973.  
2 folders.  
D.433 includes referee's reports by Porter.
- D.434-D.436 *Interdisciplinary Science Reviews*                      1975-1984  
Porter was a member of the Editorial Board.  
See also D.458.
- D.434 Correspondence and papers *re* establishment of the journal (first issue March 1976) and an article by M.D. Archer and Porter, 1975-1976.

**Lectures, broadcasts and publications**

- D.435 Correspondence and papers, 1977.  
Includes transcript of lecture by Porter on picosecond chemistry, Nobel meeting, Lindau, 1977.
- D.436 Correspondence and papers, 1978-1984.  
Includes Porter's introduction to a poem by Davy.
- D.437-D.440 *Nature* 1969-1985
- D.437 General correspondence and papers, 1969-1985.
- D.438 Correspondence and papers *re Nature* conference on the environment held at the Royal Institution, 28 April 1972.
- D.439, D.440 Referee's reports by Porter, 1976-1983.  
2 folders.
- D.441, D.442 *Nouveau Journal de Chimie* 1976-1985  
Porter was a member of the Editorial Board.
- D.441 General correspondence and papers, 1976-1982.
- D.442 Referee's reports by Porter, 1982, 1985.
- D.443-D.450 Pergamon Press Ltd 1957-1970  
See also D.452, D.453.
- D.443-D.446 Correspondence and papers *re International Encyclopedia of Physical Chemistry and Chemical Physics*, 1957-1964.  
Porter served on the Honorary Editorial Advisory Board, and agreed to prepare a volume on 'Photochemistry of gases and simple molecules'.





**Lectures, broadcasts and publications**

- D.453 Correspondence with Patricia Wakeling, Pergamon Press, *re* visits by Porter to the USA, *Spectrochimica*, etc., 1956-1958.
- D.454-D.464 Shorter publications correspondence, 1970-1986  
Chronological sequence  
Includes invitations for Porter to write.
- D.454 1970-1971.
- D.455 1972.
- D.456 1973, 1975.
- D.457 1976-1977.
- D.458 1978.
- D.459 1979.
- D.460 1980.
- D.461 1981-1982.
- D.462 1983.
- D.463 1984.

**Lectures, broadcasts and publications**

- D.464                      1986.
- 'Requests for Data to be included in Publications'. Contents of folder so inscribed.
- 
- D.465-D.537                      UNIVERSITY TEACHING                      1938-1985**
- Predominantly records of Porter's own university teaching but includes notes taken by Porter at lectures given by others, for example while he was an undergraduate at Leeds University or taking a wartime course on radio physics at Aberdeen.
- D.465-D.475              Notebooks
- D.476-D.503              Drafts
- D.504-D.537              Open University
- 
- D.465-D.475                      Notebooks                      1938-ca 1974**
- D.465
- 'Loose-leaf note book' inscribed 'George Porter Leeds University' and '1938' inside front cover.
- Contents include notes on lectures on 'Electronic Chemistry' by Dr Bradley, untitled lectures by Dr Garrick, lectures on 'Energetics' by Professor Evans and lectures on 'Colloids' by ? Usher.
- D.466
- 'Loose-leaf ring book' inscribed inside front cover 'George Porter Chem. Dept Leeds University'.
- Contents include notes on lectures on organic and physical chemistry.
- D.467
- 'Loose-leaf note book' inscribed inside front cover 'George Porter Leeds University' and on first contents divider 'Prof Challenger 3rd Year lectures'.
- Topics of lectures include 'Sugars' and 'Alcoholic Fermentation'.
- D.468
- Notebook inscribed on first page 'George Porter Aberdeen University (Marischall College) 1941' and 'Practical Note-Book Radio Physics'.



**Lectures, broadcasts and publications**

- D.476 'Lecture Notes - Undergraduate - Physical Chemistry'. Manuscript notes so labelled.  
Lecturers include F.S. Dainton and E.A. Moelwyn-Hughes.
- D.477 'Lecture Notes - Undergraduates - Mathematical Methods' (1946). Manuscript notes so labelled.
- D.478 'Lecture Notes - Undergraduates - Physical Chemistry (1946)'. Manuscript notes so labelled.  
Lecturers include ? G.B.B.M. Sutherland.
- D.479 Typescript and manuscript notes, n.d.
- D.480-D.488 'Lecture Notes in Physical Chemistry for Undergraduates'. Contents of folder so inscribed: manuscript and typescript notes, n.d.
- D.480 Typescript 'Summary of Definitions of Electricity and Magnetism'; typescript draft on 'Spectra'; manuscript notes on 'Magnetic resonance spectroscopy'. N.d.
- D.481-D.485 '3rd Year Honours Physical Chemistry', [University of Sheffield], n.d.  
2pp duplicated typescript summary and 124pp typescript and manuscript draft.  
5 folders.
- D.486 'Miscellaneous Incomplete Pages of Lecture Notes'. Manuscript and typescript notes so labelled.
- D.487 Miscellaneous manuscript and typescript notes.
- D.488 Miscellaneous manuscript and typescript notes.  
Includes notes on University of Sheffield headed notepaper and notes headed 'Synopsis of Lecture on Spectroscopy R.N. Dixon'.

**Lectures, broadcasts and publications**

- D.489-D.493 'Lecture Notes in Physical Chemistry for Undergraduates', n.d. Contents of folder so inscribed.
- D.489 Includes duplicated papers *re* 3rd Year Honours Physical Chemistry.
- D.490 Includes duplicated typescript on 'Molecular Structure' with manuscript inscription 'Jennings Lectures'.
- D.491 Duplicated typescript on 'Diffraction Methods'.
- D.492 Includes duplicated typescript on 'Basic Postulates of Quantum Mechanics' with manuscript inscription 'Murrell 2nd yr lecture notes'.
- D.493 Typescript and manuscript notes on 'Spectra of simple molecules' and 'Molecular Spectroscopy'.
- D.494-D.497 'Cambridge University Examination Papers'. Contents of folder so inscribed divided into four for ease of reference: manuscript, typescript, duplicated typescript and printed papers.
- Porter left Cambridge in 1954 to become Assistant Director of the British Rayon Research Association, moving again to the University of Sheffield in 1955.
- Correspondence, 1954-1955, at D.497 relates to Porter's association with the British Rayon Research Association.
- D.498 Binder inscribed 'Notre Dame Lab Courses' and 'George Porter' on front cover: duplicated typescript *re* chemistry laboratory courses at the University of Notre Dame, Indiana, USA, n.d.
- Porter was the P. O'Reilly Lecturer at Notre Dame in 1960. See D.3.
- D.499-D.501 Contents of folder divided into three for ease of reference: 56pp photocopied typescript, first page headed 'Summer School in Theoretical Chemistry, 1957 Problems'.



**Lectures, broadcasts and publications**

**D.538, D.539**

**OFF-PRINTS**

**1947-1992**

Off-prints of Porter's publications, 1947-1992.

Not a complete sequence.

2 boxes.



**SECTION E                      SOCIETIES, ORGANISATIONS AND CONSULTANCIES                      E.1-E.338**

- |            |   |
|------------|---|
| E.1-E.3    | ACADÉMIE EUROPÉENNE DES SCIENCES, DES ARTS ET DES LETTRES |
| E.4        | ACADÉMIE INTERNATIONALE DE LUTÈCE                         |
| E.5        | ACCADEMIA MEDITERRANEA DELLE SCIENZE                      |
| E.6        | ADDENBROOKE'S HOSPITAL, CAMBRIDGE                         |
| E.7        | AKADEMIE DER WISSENSCHAFTEN ZU GÖTTINGEN                  |
| E.8        | AMERICAN ACADEMY OF ARTS AND SCIENCES                     |
| E.9, E.10  | ANTIOXIDANT SOCIETY (SOCIETY FOR FREE RADICAL RESEARCH)   |
| E.11-E.14  | APPLIED SCIENCE PUBLISHERS LIMITED                        |
| E.15-E.23  | ASSOCIATION FOR SCIENCE EDUCATION                         |
| E.24       | ASSOCIATION OF BRITISH SCIENCE WRITERS                    |
| E.25       | THE ATHENAEUM   |
| E.26-E.29  | ATOMIC SCIENCES INCORPORATED                              |
| E.30-E.32  | BELL LABORATORIES   |
| E.33-E.53  | BRISTOL EXPLORATORY                                       |
| E.54-E.62  | BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE        |
| E.63       | BRITISH HUMANIST ASSOCIATION                              |
| E.64, E.65 | BRITISH MUSEUM  |

**Societies, organisations and consultancies**

E.66-E.68	BRITISH PHOTOBIOLOGY SOCIETY
E.69-E.74	BRITISH RAYON RESEARCH ASSOCIATION
E.75-E.78	BRITISH RENEWABLE ENERGY FORUM
E.79-E.81	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FRANCE
E.82-E.91A	THE CHEMICAL SOCIETY
E.92-E.98	CIBA FOUNDATION
E.99-E.109	COMITÉ INTERNATIONALE DE PHOTOBIOLOGIE
E.110	DEUTSCHE AKADEMIE DER NATURFORSCHER LEOPOLDINA
E.111-E.114	DUPONT DE NEMOURS & COMPANY
E.115, E.116	EMMANUEL COLLEGE CAMBRIDGE
E.117-E.120A	ENERGY CONVERSION DEVICES INC./ INSTITUTE FOR AMORPHOUS STUDIES
E.121-E.123	EUROPEAN PHOTOCHEMISTRY ASSOCIATION
E.124, E.125	FAIRCHILD CAMERA AND INSTRUMENT CORPORATION
E.126	FARADAY SOCIETY
E.127-E.148	GENERAL ELECTRIC COMPANY, USA
E.149-E.152	GREAT BRITAIN AND NORTHERN IRELAND: DEPARTMENT OF ENERGY
E.153-E.160	IMPERIAL CHEMICAL INDUSTRIES LTD

**Societies, organisations and consultancies**

E.161-E.164	INSTITUTE OF MOLECULAR SCIENCE, JAPAN
E.165, E.166	INSTITUTE OF PATENTEES AND INVENTORS
E.167	INTERNATIONAL COMMITTEE FOR SYMPOSIA ON FREE RADICALS
E.168	INTERNATIONAL SCIENTIFIC ACADEMY FOR THE PROTECTION OF LIFE, FOR ENVIRONMENT AND BIOPOLITICS
E.169-E.173	INTERNATIONAL SOCIETY FOR THE STUDY OF THE ORIGIN OF LIFE
E.174-E.181	INTERNATIONAL SOLAR ENERGY SOCIETY (UK SECTION)
E.182-E.184	INTER-UNIVERSITY COUNCIL FOR HIGHER EDUCATION OVERSEAS
E.185-E.189	KODAK LIMITED
E.190-E.192	THE MOLECULE CLUB
E.193, E.194	NATIONAL ACADEMY OF SCIENCES, USA
E.195	NATIONAL ASSOCIATION FOR GIFTED CHILDREN
E.196	NEW YORK ACADEMY OF SCIENCES
E.197	NUFFIELD FOUNDATION
E.199-E.203	OPEN SCIENCE SOCIETY
E.204	OPEN UNIVERSITY
E.205, E.206	OPTICAL SOCIETY OF AMERICA

**Societies, organisations and consultancies**

E.207-E.210	PERKIN ELMER LTD
E.211	PILGRIM TRUST
E.212-E.216	PONTIFICAL ACADEMY OF SCIENCES
E.217-E.220	THE RANK PRIZE FUNDS
E.221	REAL ACADEMIA DE CIENCIAS, MADRID
E.222	ROYAL INSTITUTE OF CHEMISTRY
E.223	ROYAL SCOTTISH SOCIETY OF ARTS (SCIENCE AND TECHNOLOGY)
E.224-E.261	ROYAL SOCIETY
E.262, E.263	ROYAL SOCIETY OF ARTS
E.264, E.265	ROYAL SOCIETY OF CHEMISTRY
E.266	ROYAL SOCIETY OF EDINBURGH
E.267	ST JAMES' CLUB
E.268-E.270	SALTERS' COMPANY
E.271-E.274	SCHOOLS SCIENCE AND TECHNOLOGY COMMITTEE
E.275	SCIENCE AND ENGINEERING RESEARCH COUNCIL
E.276-E.280	SCIENCE RESEARCH COUNCIL
E.281, E.282	SHELL (THORNTON) RESEARCH CENTRE
E.283, E.284	SOCIÉTÉ DE CHIMIE PHYSIQUE

**Societies, organisations and consultancies**

E.285	SOCIETY FOR CHEMICAL INDUSTRY
E.286-E.292	TURIN SHROUD
E.293-E.296	UNESCO
E.297-E.300	UNIVERSITY GRANTS COMMITTEE
E.301-E.305	UNIVERSITY OF KENT AT CANTERBURY
E.306, E.307	UNIVERSITY OF LEEDS
E.308, E.309	UNIVERSITY OF LONDON: CHELSEA COLLEGE
E.310-E.312	UNIVERSITY OF LONDON: IMPERIAL COLLEGE
E.313-E.316	UNIVERSITY OF LONDON: UNIVERSITY COLLEGE
E.317-E.320	UNIVERSITY OF MALAWI
E.321-E.329	UNIVERSITY OF SHEFFIELD
E.330, E.331	WESTMINSTER SCHOOL
E.332-E.338	WOLF FOUNDATION

**Societies, organisations and consultancies**

- |                |   |                  |
|----------------|---|------------------|
| <b>E.1-E.3</b> | <b>ACADÉMIE EUROPÉENNE DES SCIENCES, DES ARTS ET DES LETTRES</b>  | <b>1980-1982</b> |
|                | Porter was a founder member.  |                  |
| E.1            | Invitation to Porter and Porter's correspondence with the Royal Society and other British scientists invited to become members, 1980. |                  |
| E.2, E.3       | Correspondence and papers <i>re</i> meetings, 1980-1982.<br>2 folders.  |                  |
| <b>E.4</b>     | <b>ACADÉMIE INTERNATIONALE DE LUTÈCE</b>  | <b>1980-1985</b> |
| E.4            | Background information, invitations to meetings etc.  |                  |
| <b>E.5</b>     | <b>ACCADEMIA MEDITERRANEA DELLE SCIENZE</b>   | <b>1982</b>      |
| E.5            | Invitation to membership and Porter's acceptance; statutes of the Academy.  |                  |
| <b>E.6</b>     | <b>ADDENBROOKE'S HOSPITAL, CAMBRIDGE</b>  | <b>1985-1986</b> |
| E.6            | Correspondence and papers <i>re</i> Food Intolerance and Disease Research Appeal.   |                  |
| <b>E.7</b>     | <b>AKADEMIE DER WISSENSCHAFTEN ZU GÖTTINGEN</b>   | <b>1974</b>      |
| E.7            | Correspondence <i>re</i> Porter's election as a corresponding member.   |                  |

**Societies, organisations and consultancies**

**E.8 AMERICAN ACADEMY OF ARTS AND SCIENCES 1979-1980**

E.8 Porter was elected a foreign honorary member in 1979.

**E.9, E.10 ANTIOXIDANT SOCIETY (SOCIETY FOR FREE RADICAL RESEARCH) 1982-1983**

The inaugural meeting was held at the Royal Institution on 9 July 1982. At the meeting it was agreed to drop the word 'Antioxidant' from the Society's title and the name Society for Free Radical Research was subsequently adopted.

E.9, E.10 Correspondence, notices of meetings, circulars, newsletters etc.  
2 folders.

**E.11-E.14 APPLIED SCIENCE PUBLISHERS LIMITED 1972-1986**

Porter acted as Scientific Consultant to the company. From 1 January 1984 Applied Science Publishers changed its name to Elsevier Applied Science Publishers.

Correspondence and papers.

E.11 1974.

E.12 1975-1976.

E.13 1977-1978, 1980.

E.14 1984-1986.

**Societies, organisations and consultancies**

**E.15-E.23                      ASSOCIATION FOR SCIENCE EDUCATION                      1982-1986**

Porter served as President of the Association for 1985. At the AGM in January 1985 he delivered a Presidential Address on 'Growing up with Science'.

See also D.310, D.311.

E.15-E.17                      Invitation to serve as President, correspondence *re* arrangements etc., 1984-1986.

3 folders.

E.18-E.21                      Drafts and proof of Presidential Address.

4 folders.

E.22, E.23                      Background papers, 1982, 1983.

2 folders.

**E.24                                      ASSOCIATION OF BRITISH SCIENCE WRITERS                                      1971-1985**

In 1971 Porter accepted an invitation to become an academic member of the association.

E.24                                      Correspondence and papers.

**E.25                                      THE ATHENAEUM                                      1965-1966, 1978**

Porter was elected to the Athenaeum in 1966. In 1978 he declined an invitation to talk on 'Science and its values' at a dinner as he was already committed to speak on this topic on other occasions.

E.25                                      Correspondence *re* election and talk.



**Societies, organisations and consultancies**

**E.26-E.29                      ATOMIC SCIENCES INCORPORATED                      1981-1986**

The Company operated in the field of resonance ionization spectroscopy. Porter agreed to become a member of the Advisory Board.

E.26-E.29                      Correspondence and papers.  
  
4 folders.

**E.30-E.32                      BELL LABORATORIES                      1970-1984**

E.30-E.32                      Correspondence and papers *re* visits, consultancy, etc.  
  
3 folders.

**E.33-E.53                      BRISTOL EXPLORATORY                      1981-1987**

Bristol Exploratory was the title on Porter's files and on early correspondence. Subsequently the form The Exploratory Hands-On Science Centre was adopted. Porter was a Trustee. The Exhibition of the Exploratory was officially opened by Porter on 2 September 1986 during the Annual Meeting at Bristol of the British Association.

Porter's principal correspondent was Professor R.L. Gregory, University of Bristol, who was Chairman of the Trustees and Scientific Director.

E.33                              Photocopy of application to Nuffield Foundation from Gregory 'to request support for validating the possibility of setting up a Science Centre in Great Britain', 25 September 1981.

Correspondence and papers, January-March 1982.

Includes letter from Gregory to Porter, 25 January 1982, inviting Porter to become involved in project to establish a Science Centre in England and papers *re* first meeting to consider founding a British 'Exploratorium' Science Centre, 8 March 1982.

**Societies, organisations and consultancies**

- E.34                      Papers *re* planning meeting and first scientific exploratory meeting, May 1982.
- Paper on the scheme for founding an interactive science centre: the Exploratory in the City of Bristol, July 1982.
- E.35                      Correspondence and papers, October, December 1982.
- Include copy of memorandum and articles of association of the Company.
- E.36                      'The Exploratory Interactive Science Centre at Bristol Plan for Action-One'. 'Working draft' of feasibility study and proposal, February 1983.
- E.37                      Correspondence and papers, February-April 1983.
- Includes 'proposal for financing second stage of the interactive science centre Exploratory project' submitted to Nuffield Foundation.
- E.38                      Correspondence and papers, May-October 1983.
- Includes 'Proposal for a "Hands On" Science Centre for Children and Adults in Bristol The Exploratory', October 1983.
- E.39                      Correspondence and papers, November 1983.
- In November Porter agreed to be one of the judges for a *New Scientist*-Exploratory competition for ideas for exhibits.
- E.40-E.45                Copies of competition entries and correspondence with *New Scientist*, December 1983-May 1984.
- 6 folders.
- E.46                      Correspondence, June 1984.

**Societies, organisations and consultancies**

- E.47 Correspondence and papers, January-April 1985.  
Includes draft proposal 'Interactive Demonstration Technique for Energy Design, Build and Use of Bristol Exploratory', 1 April 1985.
- E.48 Correspondence and papers, May-July 1985.
- E.49 Correspondence and papers, August-December 1985.
- E.50 Copy of Deloitte, Haskins and Sells' Report on Marketing and Feasibility Study sent to Porter by Gregory with covering letter, 6 February 1986.
- E.51 Correspondence and papers, June-August 1986.
- E.52 Correspondence and papers, January-October 1987.
- E.53 Printed and duplicated background material *re* Bristol Exploratory.
- E.54-E.62 BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE 1984-1986**
- Porter was President of the Association, 1985-1986 and gave the Presidential Address at the 1986 meeting at Bristol. It was during this meeting that Porter officially opened The Exhibition of the Exploratory (see E.33-E.53).
- E.54-E.57 General correspondence and papers, 1984-1985.
- E.54 1984-February 1985.  
Includes invitation from the Council to serve as President.
- E.55 March 1985.



**Societies, organisations and consultancies**

- E.65                      1975.  
Recommendation.
- E.66-E.68                      BRITISH PHOTOBIOLOGY SOCIETY                      1970-1983**
- E.66, E.67                      Conference programme, address list, *Photobiology Bulletin* etc., 1972-1983.  
2 folders.
- E.68                      Brief correspondence and papers *re* British Bulletin of Spectroscopy, Photoelectric Spectrometry Group and UV Spectrometry Group, 1970-1975.  
Papers kept by Porter with British Photobiology Society papers.
- E.69-E.74                      BRITISH RAYON RESEARCH ASSOCIATION                      1955-1960**
- Porter was Assistant Director of the Association, September 1954-September 1955. After his move to the University of Sheffield he continued as a consultant until June 1959.  
Correspondence and papers.
- E.69                      October-November 1955.
- E.70                      January-August 1956.
- E.71                      1957.  
Includes BRRA technical leaflets.
- E.72                      1958.
- E.73                      March-October 1959.

**Societies, organisations and consultancies**

E.74 August, October 1960.

**E.75-E.78 BRITISH RENEWABLE ENERGY FORUM 1982-1985**

Porter chaired the inaugural meeting which was held at the Royal Institution, 15 November 1983.

Correspondence and papers.

E.75 1982.

E.76 1983

E.77 1984-1985.

E.78 *The scope for renewable energy in the UK.* Booklet published by the BREF, June 1985.

**E.79-E.81 CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 1977-1985  
FRANCE**

In 1977 Porter was informed that his appointment as a member of the Comité de Direction du Laboratoire de Photophysique Moléculaire had been renewed.

In 1984 Porter agreed to become a member of the Comité de Direction du Laboratoire de Physico-Chimie des Rayonnements.

Correspondence and papers.

E.79 1977-1979.

Includes recommendation.

**Societies, organisations and consultancies**

E.80, E.81                      1984-1985.  
  
2 folders.

**E.82-E.91A                      CHEMICAL SOCIETY                      1969-1984**

Porter was President of the Chemical Society, 1970-1972. During his Presidency a scheme of amalgamation was agreed by the memberships of the Chemical Society, Royal Institute of Chemistry, the Faraday Society and the Society for Analytical Chemistry. All members of the participating bodies had the opportunity of becoming Fellows of the Chemical Society which in its new form was responsible for all activities other than the strictly professional and qualifying ones of the Royal Institute of Chemistry. After a period of official amalgamation a proposal for unification was approved and in 1980 the four separate bodies became The Royal Society of Chemistry, with a new Royal Charter and the dual role of learned society and professional body.

See also E.126, E.222, E.264, E.265, E.285.

Correspondence and papers.

E.82                              Programme of Council, Committee and London Scientific meetings, 1969-1970.

Papers for meeting of Presidents of the Chemical Societies, London, 24-26 November 1969.

E.83-E.87                      General correspondence and papers, 1970-1972.

Includes papers *re* amalgamation.

5 folders.

E.88                              Correspondence and papers *re* liaison with Biochemical Society, 1971.

E.89                              Correspondence *re* newly instituted Award for services to the Society, 1971.

**Societies, organisations and consultancies**

- E.90 Correspondence and papers *re* unification, 1978-1980.
- E.91 Correspondence and papers *re* Royal Society of Chemistry, 1983-1984.
- E.91A Speech by Porter proposing the Toast of the Royal Institute of Chemistry, n.d. but while Porter was President of the Chemical Society.
- E.92-E.98 CIBA FOUNDATION 1976-1978, 1985,1987**
- E.92-E.95 Correspondence and papers, 1976-1978, *re* CIBA Foundation Symposium on Chlorophyll Organisation and Energy Transfer in Photosynthesis, February 1978.  
4 folders.
- E.96-E.98 Correspondence and papers, 1985, 1987.  
Principally *re* CIBA Media Resource Service.  
3 folders.
- E.99-E.109 COMITÉ INTERNATIONALE DE PHOTOBIOLOGIE 1963-1983**
- Porter was President of the Comité Internationale de Photobiologie, 1968-1972.  
The Comité Internationale of Photobiologie was succeeded by the Association Internationale de Photobiologie.
- E.99-E.101 General correspondence and papers, 1970-1972.  
3 folders.  
E.111 includes Porter's after-dinner address at the 1972 Bochum meeting of the Comité.



**Societies, organisations and consultancies**

- E.102-E.106            Finsen Awards.
- E.102                    1963.  
                             1 letter only.  
  
                             1968.
- E.103-E106            1972.  
                             4 folders.
- E.107                    Correspondence and papers *re* E.M.F. Roe, 1970-1972.  
  
                             Dr Edna Roe who died after a long illness in 1971 had been associated with the CIP for many years, since 1968 as Vice-President.  
  
                             Announcement of the death of Th. Förster, 1974. For Porter's Förster Memorial Lecture see D.347.
- E.108                    Correspondence and papers *re* letter received by the Association Internationale de Photobiologie from members of the Soviet Academy of Sciences, 1983.
- E.109                    Statutes of the Comité Internationale de Photobiologie. Printed booklet.  
  
                             Statutes of the Association Internationale de Photobiologie. Printed booklet.
- E.110                    **DEUTSCHE AKADEMIE DER NATURFORSCHER            1970-1978**  
                             **LEOPOLDINA**
- Porter accepted an invitation to become a member of the Academy in 1970.
- E.110                    Correspondence and papers *re* membership etc.

**Societies, organisations and consultancies**

<b>E.111-E.114</b>	<b>E.I. DUPONT DE NEMOURS &amp; COMPANY</b>	<b>1964-1982</b>
	Porter entered into a consultancy agreement with the Company in 1964. This was renewed on a number of occasions until 1973.	
E.111	Correspondence <i>re</i> consultancy agreement, 1964-1873.	
E.112-E.114	Correspondence with Company scientists, 1965-1982.	
E.112	A. MacLachlan	1965
	F.C. McGrew	1966, 1968
	W.A. Sheppard	1967
	V.F. Hanson	1972
E.113	R.G. Bennett	1968-1970
E.114	R.L. McCarthy	1972-1982
<b>E.115, E.116</b>	<b>EMMANUEL COLLEGE CAMBRIDGE</b>	<b>1967-1987</b>
	Porter was a Fellow of Emmanuel 1954-1956 and became an Honorary Fellow in 1967.	
E.115, E.116	Correspondence <i>re</i> Honorary Fellowship, covenants, College magazine etc. 2 folders.	

**Societies, organisations and consultancies**

- |                     |   |                  |
|---------------------|---|------------------|
| <b>E.117-E.120A</b> | <b>ENERGY CONVERSION DEVICES INC./<br/>INSTITUTE FOR AMORPHOUS STUDIES</b>  | <b>1984-1985</b> |
|                     | Porter became a consultant to Energy Conversion Devices Inc. and a member of the Advisory Committee of the Institute for Amorphous Studies. The President of Energy Conversion Devices Inc. Stanford R. Ovshinsky was also a Director of the Institute for Amorphous Studies. |                  |
| E.117-E.119         | Correspondence and papers, 1984-1985.<br><br>3 folders.   |                  |
| E.120, E.120A       | Printed and duplicated background material.<br><br>2 folders.   |                  |
| <b>E.121-E.123</b>  | <b>EUROPEAN PHOTOCHEMISTRY ASSOCIATION</b>  | <b>1970-1983</b> |
|                     | The Association came into formal existence in 1970.   |                  |
| E.121, E.122        | Correspondence and papers, 1970-1983.   |                  |
| E.121               | 1970, 1972.   |                  |
| E.122               | 1976-1983.  |                  |
| E.123               | Background material.  |                  |
| <b>E.124, E.125</b> | <b>FAIRCHILD CAMERA AND INSTRUMENT CORPORATION</b>  | <b>1975-1979</b> |
|                     | Porter was a member of the Fairchild International Advisory Board, 1976-1979.   |                  |



**Societies, organisations and consultancies**

- E.136 J.E. Pickett 1982  
*re* visit to Porter's laboratories at the Royal Institution to carry out flash photolysis experiments.
- E.137 R.W. Roberts 1979  
*re* first Roberts Memorial Lecture delivered by Porter.  
Includes biographical information on Roberts.
- E.138 G.J. Szasz 1972, 1980, 1985
- E.139 S.J. Valenty 1975, 1982
- E.140 W. Vedder 1985  
*re* Porter's 1985 visit to Schenectady.  
Includes Porter's summary of his reactions and comments on the research centre.
- E.141 Shorter correspondence and papers with scientists at Schenectady, 1971-1982.
- E.142-E.145 'G.E. symposia'. Contents of folder so inscribed divided into four for ease of reference: correspondence, programmes, itineraries etc, 1972-1979.
- E.146 Correspondence *re* the period of Porter's son, Andrew at the General Electric Schenectady Laboratory, 1974.
- E.147 Correspondence with International General Electric Company of New York Ltd, 1974-1981.  
Correspondence with International General Electric (USA) Ltd, 1985.

**Societies, organisations and consultancies**

- E.148 Printed booklet on the work of the General Electric Research and Development Center, n.d. ca 1984.
- E.149-E.152 GREAT BRITAIN AND NORTHERN IRELAND: DEPARTMENT OF ENERGY 1977**
- Porter attended a Department of Energy Seminar on Nuclear Policy at the Civil Service College, Sunningdale Park, Berkshire, 13-14 May 1977
- E.149-E.152 Correspondence and papers.  
4 folders.
- E.153-E.160 IMPERIAL CHEMICAL INDUSTRIES LTD 1958-1985**
- E.153 General correspondence and papers, 1965-1985.
- E.154 Correspondence with 'Billingham Division', 1958-1962.
- E.155 Correspondence with 'ICI Fibres Harrogate', 1962-1966.  
Porter was appointed as a consultant in 1962.
- E.156 Correspondence with 'Plastics Division', 1970-1973.
- E.157 Correspondence with 'ICI Manchester', 1976-1985.
- E.158-E.160 Correspondence and papers *re* 'ICI Apparatus on Loan', 1959-1967  
3 folders.

**Societies, organisations and consultancies**

- |                     |   |                        |
|---------------------|---|------------------------|
| <b>E.161-E.164</b>  | <b>INSTITUTE OF MOLECULAR SCIENCE, JAPAN</b>  | <b>1977-1985</b>       |
|                     | In January 1980 Porter was appointed a member of the Institute's Advisory Committee.  |                        |
|                     | Correspondence and papers.  |                        |
| E.161               | 1977, 1979-1980.  |                        |
| E.162               | 1981-1985.  |                        |
| E.163, E.164        | Background material.<br>2 folders.  |                        |
| <b>E.165, E.166</b> | <b>INSTITUTE OF PATENTEES AND INVENTORS</b>   | <b>1970-1971, 1977</b> |
|                     | In 1970 Porter accepted an invitation to become an Honorary Fellow of the Institute.  |                        |
|                     | Correspondence and papers.  |                        |
| E.165               | 1970-1971.  |                        |
| E.166               | 1977.   |                        |
|                     | Correspondence <i>re</i> proposal for an independent court of appeal for the support of inventors and a possible role for the Royal Institution in respect of this. |                        |
| <b>E.167</b>        | <b>INTERNATIONAL COMMITTEE FOR SYMPOSIA ON FREE RADICALS</b>  | <b>1971-1972</b>       |
| E.167               | Includes minutes of 1971 meeting of committee and list of those in Great Britain to whom information is sent about meetings.  |                        |

**Societies, organisations and consultancies**

**E.168**                      **INTERNATIONAL SCIENTIFIC ACADEMY FOR THE**                      **1970**  
**PROTECTION OF LIFE, FOR ENVIRONMENT AND BIOPOLITICS**

E.168                      Includes manifesto, statutes and minutes of first General Meeting.

**E.169-E.173**                      **INTERNATIONAL SOCIETY FOR THE STUDY OF THE**                      **1970-1982**  
**ORIGIN OF LIFE (ISSOL)**

In 1970 Porter agreed to be a member of the Executive Council of this new society.

Correspondence and papers.

E.169                      1970-1971.

E.170                      1972.

E.171                      1972-1973.

E.172                      1974-1976.

E.173                      1981, 1982, n.d.

Includes Newsletters (1981) and list of members of ISSOL (undated).

**E.174-E.181**                      **INTERNATIONAL SOLAR ENERGY SOCIETY**                      **1974-1987**  
**(UK SECTION)**

The International Solar Energy Society was formed in 1954 to foster the science and technology relating to all applications of solar energy. The inaugural open meeting of the UK section was held at the Royal Institution on 24 January 1974 and Porter was one of the speakers.



**Societies, organisations and consultancies**

- E.174, E.175      Correspondence and papers *re* inaugural meeting including talk by Porter, 24 January 1974.  
  
2 folders.
- E.176      Register of members, their interests and activities, January 1974.
- E.177      Papers for 2nd business meeting of the UK section, July 1974.
- E.178      Papers including Department of Energy press releases, 1977.
- E.179      Papers *re* essay competition for young people aged 18 years and under, 1985.  
  
The topic was the use of solar cells in the future and Porter was Chairman of the judges.
- E.180, E.181      Miscellaneous duplicated and printed papers, 1983-1987.  
  
2 folders.
- E.182-E.184      INTER-UNIVERSITY COUNCIL FOR HIGHER      1959-1963  
EDUCATION OVERSEAS**
- In 1959 Porter agreed to serve as an expert adviser on selection committees.
- E.182-E.184      Papers include assessments of candidates for university appointments and promotions in Sierra Leone and Singapore.  
  
3 folders.

**Societies, organisations and consultancies**

- |                     |   |                  |
|---------------------|---|------------------|
| <b>E.185-E.189</b>  | <b>KODAK LIMITED</b>  | <b>1968-1981</b> |
| E.185, E.186        | Correspondence and papers <i>re</i> Opening by Porter of Research Laboratory at Kodak Ltd, Kirkby, Liverpool, 25 April 1968.<br><br>2 folders.<br><br>E.185 includes Porter's speech at the opening ceremony. |                  |
| E.187, E.188        | Correspondence and papers <i>re</i> Opening by Porter of Extension Wing Kodak Research Laboratory, Harrow, October 1975.<br><br>Includes typescript of Porter's speech.<br><br>2 folders.                     |                  |
| E.189               | General correspondence and papers, 1977-1981.   |                  |
| <b>E.190-E.192</b>  | <b>THE MOLECULE CLUB</b>  | <b>1968-1980</b> |
|                     | The Molecule Club at the Mermaid Theatre, Blackfriars, London sought to provide scientific entertainment for children aged 7-11. Porter became a Patron.  |                  |
| E.190               | General correspondence and papers, 1968-1980.   |                  |
| E.191, E.192        | Background material.<br><br>2 folders.  |                  |
| <b>E.193, E.194</b> | <b>NATIONAL ACADEMY OF SCIENCES, USA</b>  | <b>1976-1984</b> |
|                     | Porter was elected as a Foreign Associate of the Academy in 1974.   |                  |
| E.193               | General correspondence and papers 1976-1984.  |                  |

**Societies, organisations and consultancies**

E.194 Correspondence *re* submission of papers to the *Proceedings of the National Academy of Sciences*, 1980-1982.

**E.195 NATIONAL ASSOCIATION FOR GIFTED CHILDREN 1975-1984**

Porter was First President of the Association, 1975-1980.

E.195 Correspondence and papers, 1975-1984.

**E.196 NEW YORK ACADEMY OF SCIENCES 1968-1970, 1984**

Porter was elected to Honorary Life Membership of the Academy in 1968.

E.196 Correspondence and papers, 1968-1970, 1984.

**E.197, E.198 NUFFIELD FOUNDATION 1972-1979**

E.197 Correspondence and papers, 1972, 1977.

1977 papers relate to grant application for Royal Institution.

E.198 Correspondence and papers *re* Porter's refereeing of grant applications for the Nuffield Foundation, 1978-1979.

**E.199-E.203 OPEN SCIENCE SOCIETY 1973-1975**

This was a proposed science society for Open University students whose originator, A.R. Richmond, envisaged links with both the British Association and the Royal Institution. Porter seems to have been interested in developments and offered advice and the Society's first meeting was held at the Royal Institution. The Archivist of the Royal Institution, J.R. Friday, was a member of the formative committee.

**Societies, organisations and consultancies**

- E.199-E.202      General correspondence and papers *re* formation of the society, 1973-1975  
4 folders.
- E.203      Correspondence between A.R. Richmond and J.R. Friday, 1974-1975.
- E.204      **OPEN UNIVERSITY**      **1966**
- E.204      Brief correspondence with Jennie Lee MP, Parliamentary Under-Secretary of  
State, Department of Education and Science *re* the government's project for  
a 'University of the Air' or 'Open University'.
- E.205, E.206      **OPTICAL SOCIETY OF AMERICA**      **1960-1968**
- Porter became a member of the Society in 1960.  
Correspondence and papers.
- E.205      1960-1962.
- E.206      1963-1965, 1968.
- E.207-E.210      **PERKIN ELMER LTD**      **1965-1977**
- Principally *re* the commercial development of scientific instruments.  
Correspondence and papers.
- E.207      1965-1966.
- E.208      1970.

**Societies, organisations and consultancies**

E.209 1971-1972.

E.210 1977.

**E.211 PILGRIM TRUST 1970**

E.211 Correspondence and papers *re* Royal Institution Library, 1970.

**E.212-E.216 PONTIFICAL ACADEMY OF SCIENCES 1982**

E.212-E.216 Correspondence and papers *re* meeting of world academies against nuclear war, Rome, 23-24 September.  
5 folders.

**E.217-E.220 THE RANK PRIZE FUNDS 1973-1980**

The two main areas of research in which the Rank Prize Funds were interested were nutrition and opto-electronics. Porter advised on the Funds' activities such as the sponsorship of conferences and the award of prizes, and the first prize giving ceremony was held at the Royal Institution.

Correspondence and papers.

E.217 1973.

E.218 1974.

E.219 1975.

E.220 1976, 1979-1980.

**Societies, organisations and consultancies**

**E.221**                      **REAL ACADEMIA DE CIENCIAS, MADRID**                      **1978, 1980**

Porter became a foreign corresponding member of the Academy in 1978. He was also elected an honorary member of the Real Sociedad Español de Física y Química in the same year.

E.221                      Brief correspondence only *re* membership.

**E.222**                      **ROYAL INSTITUTE OF CHEMISTRY**                      **1977**

Porter represented the Royal Institution at the Royal Institute of Chemistry's centenary celebrations on 28 March 1977.

E.222                      Correspondence and papers *re* the centenary, 1977.

**E.223**                      **ROYAL SCOTTISH SOCIETY OF ARTS  
(SCIENCE AND TECHNOLOGY)**                      **1975**

Porter was nominated to the Honorary Fellowship in 1975.

E.223                      Brief correspondence only *re* nomination, 1975.

**E.224-E.261**                      **ROYAL SOCIETY**                      **1965-1985**

Porter was elected to the Fellowship of the Royal Society in 1960.

E.224-E.244                      Royal Society Discussion meetings.

E.224                      'Photosynthesis', 22 March 1962.

Porter gave a paper on 'Primary Photoprocesses in Complex Molecules'.

Brief correspondence and abstracts of communications.

**Societies, organisations and consultancies**

- E.225 'Mechanism in Organic Photochemistry', 8 June 1972  
Porter was one of the organisers. The meeting was cancelled because of a clash with a meeting organised by the Chemical Society.  
Correspondence and papers *re* arrangements.
- E.226-E.228 'High-Power Lasers', 17 October 1975  
The meeting was organised by Porter who also spoke on high-power lasers in chemistry.  
Correspondence and papers *re* arrangements.  
3 folders.
- E.229 'Light Scattering in Physics, Chemistry and Biology', 22 and 23 February 1978.  
Porter chaired a session.  
Correspondence and papers *re* arrangements.
- E.230-E.242 'Solar Energy', 15 and 16 November 1978  
Porter organised the meeting with W.R. Hawthorne and chaired a session.
- E.230 Correspondence and papers *re* proposed meeting on solar energy in 1975 found with papers for 1978 meeting.
- E.231-E.242 Correspondence and papers *re* arrangements for 1978 meeting.
- E.231, E.232 Correspondence with Porter's co-organiser, W.R. Hawthorne.  
2 folders.
- E.233 'Lecturers Suggestions 1978'. Correspondence and papers so labelled.

**Societies, organisations and consultancies**

E.234-E.239      Correspondence with scientists approached to advice on the organisation of the meeting or invited to make contributions.

Presented in alphabetical sequence.

E.234              N.K. Boardman  
                      H. Bondi  
                      B.J. Brinkworth  
                      J.B. Comley

E.235              H. Durand  
                      H. Gerischer  
                      D.O. Hall  
                      H.Hörster

E.236              S.J. Leach  
                      G.O.G. Löf  
                      A.C.B. Lovell

E.237              A.J. Nozik  
                      J.K. Page

E.238              N.W. Pirie  
                      R.C. Righelato  
                      J.L. Shay

E.239              I. Solomon  
                      W.H. Stephens  
                      H. Tabor

/...



**Societies, organisations and consultancies**

- /... M.R. van Overstraeten  
S. Wagner  
B.Wilson
- E.240 Correspondence with Royal Society *re* arrangements and publication of proceedings.
- E.241 Two annotated copies of the meeting programme.
- E.242 Miscellaneous correspondence and papers *re* meeting.
- E.243, ~~E.244~~ 'Ultra-Short Laser Pulses', 23 and 24 May 1979.  
Porter was one of the organisers and chaired a session.  
Correspondence and papers *re* arrangements.  
~~2 folders.~~
- E.244 Correspondence and papers *re* proposed meeting on 'Organic Photochemistry', 1980-1981.
- E.245-E.255 Correspondence and papers *re* Paul Instrument Fund, 1970-1985.  
*re* Porter's role as assessor in respect of applications to the Fund.
- E.245 1970.
- E.246-E.248 1971-1975.  
3 folders.
- E.249 1972.

**Societies, organisations and consultancies**

- E.250 1973.
- E.251 1973, 1976.
- E.252 1976.
- E.253 1980.
- E.254 1984.
- E.255 1985.
- E.256-E.260 Correspondence and papers *re* visitors and exchange visits, 1965-1984.  
5 folders.
- E.261 Correspondence and papers *re* Chinese Exchanges Committee, 1977-1981.  
Includes recommendations.
- E.262, E.263 ROYAL SOCIETY OF ARTS 1969-1985**
- Porter accepted an invitation to become a Fellow in 1971 and in 1977 accepted nomination to the Council of the Society, serving until 1980.
- E.262, E.263 Correspondence and papers.  
2 folders.

**Societies, organisations and consultancies**

- |                     |   |                  |
|---------------------|---|------------------|
| <b>E.264, E.265</b> | <b>ROYAL SOCIETY OF CHEMISTRY</b>   | <b>1983-1985</b> |
|                     | Porter was invited to become a member of the newly established External Relations Committee in 1983.  |                  |
| E.264, E.265        | Correspondence and papers <i>re</i> External Relations Committee, 1983-1985.<br>2 folders.  |                  |
| <b>E.266</b>        | <b>ROYAL SOCIETY OF EDINBURGH</b>   | <b>1983-1985</b> |
|                     | Porter was elected to an Honorary Fellowship in 1983.   |                  |
| E.266               | Correspondence <i>re</i> membership, biographical information etc., 1983-1985.  |                  |
| <b>E.267</b>        | <b>ST JAMES' CLUB</b>   | <b>1968-1977</b> |
| E.267               | Porter accepted an invitation to become an honorary member in 1968.<br>Correspondence <i>re</i> membership etc., 1968-1977.   |                  |
| <b>E.268-E.270</b>  | <b>SALTERS' COMPANY</b>   | <b>1980-1985</b> |
|                     | Porter was admitted to the Honorary Freedom and Livery of the Company in 1981. He subsequently served on the Institute Committee and was admitted to the Court of Assistants. |                  |
| E.268-E.270         | Correspondence and papers, 1980-1985.<br>3 folders.   |                  |

**Societies, organisations and consultancies**

- |                    |   |                        |
|--------------------|---|------------------------|
| <b>E.271-E.274</b> | <b>SCHOOLS SCIENCE AND TECHNOLOGY COMMITTEE</b>   | <b>1968-1970, 1984</b> |
|                    | The Committee was founded under the chairmanship of the Duke of Edinburgh, with the object of arresting the swing away from science in the schools.   |                        |
| E.271-E.274        | Correspondence and papers, 1968-1970, 1984.   |                        |
|                    | 1984 papers relate to the Standing Conference on Schools' Science and Technology.   |                        |
|                    | 4 folders.  |                        |
| <b>E.275</b>       | <b>SCIENCE AND ENGINEERING RESEARCH COUNCIL</b>   | <b>1982-1985</b>       |
| E.275              | Correspondence and papers, 1982-1985.   |                        |
| <b>E.276-E.280</b> | <b>SCIENCE RESEARCH COUNCIL</b>   | <b>1966-1971</b>       |
| E.276              | Final Report of the SRC University Science and Technology Board National Instrument Centre Panel, 1966  |                        |
|                    | Porter chaired the Panel which was set up in March 1965 to enquire into the requirements of research scientists for physico-chemical measurements carried out on expensive, sophisticated instruments and into the possibility that these measurements might be provided nationally by a centralised service. |                        |
|                    | See E.278-E.280.  |                        |
| E.277              | Chemistry Committee Report, 1968.   |                        |
|                    | The Chemistry Committee was chaired by Porter.  |                        |

**Societies, organisations and consultancies**

- E.278-E.280      Correspondence and papers *re* Physico-Chemical Measurements Unit, 1969-1971.
- The Unit was established by the SRC and the Atomic Energy Authority to make physico-chemical measurements for universities, government departments and industry, especially those requiring expensive equipment and special expertise. It became operational in February 1969.
- 3 folders.
- 
- E.281, E.282      **SHELL (THORNTON) RESEARCH CENTRE**      **1967, 1977-1978**
- In 1977 Porter was approached by Shell *re* possible consultancy in the area of solar energy conversion.
- E.281, E.282      Correspondence, reports etc., 1967, 1977-1978.
- 2 folders.
- 
- E.283, E.284      **SOCIÉTÉ DE CHIMIE PHYSIQUE**      **1973-1985**
- Porter was elected as Honorary Member of the Société de Chimie Physique in 1979.
- E.283, E.284      Correspondence and papers, 1973-1985.
- 2 folders.
- 
- E.285      **SOCIETY FOR CHEMICAL INDUSTRY**      **1971-1972**
- 
- E.285      Correspondence and papers *re* liaison between The Chemical Society (of which Porter was President) and the Society for Chemical Industry.

**Societies, organisations and consultancies**

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|--------------------|---|------------------|
| <b>E.286-E.292</b> | <b>TURIN SHROUD</b>   | <b>1979-1986</b> |
|                    | Correspondence and papers kept together and labelled 'Turin Shroud', and found with Porter's societies and organisations files. |                  |
|                    | Porter appeared in a discussion about the Shroud on BBC Television on 12 April 1979.  |                  |
|                    | Correspondence and papers, 1979-1986.   |                  |
|                    | See also F.179.   |                  |
| E.286, E.287       | Correspondence with viewers of the television discussion about the Shroud, 1979.  |                  |
|                    | 2 folders.  |                  |
| E.288              | Principally correspondence with R.P. Hoare, author of <i>The Testimony of the Shroud</i> (1978), 1979-1981.                     |                  |
| E.289, E.290       | Correspondence from M.V. Dobson about his theories on the Shroud, 1979-1985.  |                  |
|                    | 2 folders.  |                  |
| E.291, E.292       | Correspondence <i>re</i> British Society for the Turin Shroud and its research proposals, 1985-1986.                            |                  |
|                    | 2 folders.  |                  |
| <b>E.293-E.296</b> | <b>UNESCO</b>   | <b>1978-1984</b> |
|                    | Porter served as a juror for the Kalinga Prize for the popularisation of science for the years 1981-1983.                       |                  |
| E.293-E.296        | Correspondence and papers <i>re</i> Kalinga Prize, 1978-1984.   |                  |
|                    | Includes recommendations.   |                  |
|                    | 4 folders.  |                  |

**Societies, organisations and consultancies**

/... See A.90-A.93 for papers *re* award of the Kalinga Prize for the Popularisation of Science for 1976 to Porter.

**E.297-E.300                      UNIVERSITY GRANTS COMMITTEE                      1985**

The government asked the UGC 'to operate a scheme for the improvement of laboratory and equipment provision in a few carefully selected centres of research'. Porter and J.I.G. Cadogan were the two chemists on the small committee which had the task of making the selection.

E.297-E.300                      Correspondence and papers, 1985.

Includes recommendations.

4 folders.

**E.301-E.305                      UNIVERSITY OF KENT AT CANTERBURY                      1966-1985**

The University conferred the title of Honorary Professor of Physical Chemistry on Porter in 1966. He became a Senior Member of Eliot College the same year.

Contents of Porter's University of Kent at Canterbury folder.

E.301                      Correspondence *re* Honorary Professorship and Membership of Eliot College, 1966.

E.302                      Correspondence with E.F. Caldin, University Chemical Laboratory, *re* conference, teaching of science to non-scientists, publication, research etc., 1967-1968.

Includes grant application.

E.303                      Correspondence with J.A. Connor, Director of the University Chemical Laboratory and other members of the Laboratory, 1982-1985.

E.304, E.305                      Miscellaneous correspondence *re* university affairs, 1968-1985.

2 folders.

**Societies, organisations and consultancies**

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|---------------------|--|------------------|
| <b>E.306, E.307</b> | <b>UNIVERSITY OF LEEDS</b>   | <b>1965-1986</b> |
| E.306, E.307        | Miscellaneous correspondence, 1965-1866, 1976-1986.<br>2 folders.  |                  |
| <b>E.308, E.309</b> | <b>UNIVERSITY OF LONDON: CHELSEA COLLEGE</b>   | <b>1980-1985</b> |
|                     | In 1980 Porter accepted an invitation to serve on the Chelsea College Restoration and Development Project Committee. He was co-opted onto the Council of Chelsea College in 1982.  |                  |
| E.308               | Correspondence and papers <i>re</i> Restoration and Development Project Committee, 1980-1981.  |                  |
| E.309               | Miscellaneous correspondence and papers, 1981-1985.  |                  |
| <b>E.310-E.312</b>  | <b>UNIVERSITY OF LONDON: IMPERIAL COLLEGE</b>  | <b>1973-1985</b> |
|                     | Porter accepted an appointment as Visiting Professor in the Chemistry Department initially for the period 1978-1980 (E.312). In 1985 he was offered office and research space in the Department of Pure and Applied Biology subsequent to his move from the Royal Institution to take up the position of President of the Royal Society (E.310). |                  |
| E.310               | Miscellaneous correspondence, 1973-1974, 1984-1985.  |                  |
| E.311               | Correspondence <i>re</i> Imperial College Chemistry Department, 1976-1985<br>Includes recommendations.   |                  |
| E.312               | Correspondence and papers <i>re</i> Visiting Professorship, 1978-1980.   |                  |



**Societies, organisations and consultancies**

**E.313-E.316                      UNIVERSITY OF LONDON: UNIVERSITY COLLEGE                      1960-1985**

Porter was Visiting Professor in the Department of Chemistry from 1967.

E.313                      Correspondence with C.K. Ingold, 1960.

Porter's letter to Ingold of 10 October 1960 sets out 'the facts which you requested about the early development of flash photolysis'.

Newsletter of Association of University College Chemists University College London with an appreciation of Ingold (1893-1970).

Papers *re* memorial service for Ingold, 3 February 1971.

Correspondence *re* Appeal for Ingold Lecture, 1972.

E.314                      Correspondence *re* appointment and re-appointment as Visiting Professor, 1967-1985.

E.315, E.316                      Miscellaneous correspondence and papers, 1968-1985.

2 folders.

**E.317-E.320                      UNIVERSITY OF MALAWI                      1965-1979**

Porter acted as chemistry consultant and external examiner, visiting Malawi in 1969. His principal correspondent is J.A. Leisten who was a member of Porter's department at Sheffield before he took up an appointment at the University of Malawi in 1965.

Correspondence and papers including examination papers, 1965-1979.

4 folders.

**Societies, organisations and consultancies**

- E.321-E.329                      UNIVERSITY OF SHEFFIELD                      1955-1985**
- Porter was Professor of Physical Chemistry, 1955-1963 and Firth Professor of Chemistry, 1963-1966.
- E.321-E.325                      Correspondence and papers *re* University of Sheffield Chemistry Department, 1955-1984
- 4 folders.
- E.326                                      Correspondence with the Vice Chancellor, H.N. Robson, 1970-1974.
- Includes recommendations.
- E.327, E.328                      Correspondence and papers *re* Centenary Appeal, 1979-1983.
- 2 folders.
- E.329                                      Miscellaneous correspondence and papers, 1965-1985.
- E.330, E.331                      WESTMINSTER SCHOOL                      1986-1987**
- E.330                                      Correspondence and papers *re* new Science/Technology Centre, 1986-1987.
- E.331                                      'Proposal for a Science/Technology Centre', March 1986.
- E.332-E.338                      WOLF FOUNDATION                      1978-1985**
- Porter served on the 1980 Wolf Foundation Prize Committee for Chemistry and again on the Committee for the year 1984/85. He was also invited to make nominations in other years.

**Societies, organisations and consultancies**

E.332-E.338      Correspondence and papers, 1978-1985.  
Includes recommendations.  
7 folders.

SECTION F	CORRESPONDENCE	F.1-F.289
	F.1-F.20	EARLY SCIENTIFIC CORRESPONDENCE
	F.21-F.203	MISCELLANEOUS CORRESPONDENCE A-Z (alphabetical sequence)
	F.204-F.231	MISCELLANEOUS CORRESPONDENCE 1966- 1987 (chronological sequence)
	F.232-F.251	SOVIET SCIENTISTS
	F.252-F.256	JAPANESE SCIENTISTS
	F.257-F.289	REFERENCES AND RECOMMENDATIONS

### Correspondence

- | F.1-F.20 | EARLY SCIENTIFIC CORRESPONDENCE   | 1954-1978 |
|----------|---|-----------|
| F.1      | Adam, N.K.<br><br>Adam was Professor of Chemistry at the University of Southampton.<br><br>Brief correspondence <i>re</i> 'the photochemistry chapter of your [Adam's] book'. This may be <i>Physical Chemistry</i> which was published by the Clarendon Press, Oxford in 1958. | 1957-1958 |
| F.2      | Christie, M.<br><br>Christie was based at the Department of Physical Chemistry, Cambridge.<br><br>Correspondence <i>re</i> paper or papers by Christie and Porter.  | 1954-1955 |
| F.3, F.4 | Clarendon Press, Oxford and B.A. Thrush<br><br>Thrush was based at the Department of Physical Chemistry, Cambridge.<br><br>Correspondence and papers <i>re</i> proposed book on flash photolysis.<br><br>2 folders.<br><br>See also D.9-D.11.                                   | 1958-1960 |
| F.5      | Dainton, F.S.<br><br>Dainton was Professor of Physical Chemistry at the University of Leeds.<br><br>Correspondence <i>re</i> teaching of physical chemistry, visits, meetings etc; also letters of congratulation.<br><br>See also F.47.  | 1956-1965 |
| F.6      | Higgins, H.C. Longuet-<br><br>Longuet-Higgins was based at the University Chemical Laboratory, Cambridge.<br><br>Correspondence <i>re</i> research etc.   | 1955-1964 |





Correspondence

F.21-F.203	MISCELLANEOUS CORRESPONDENCE A-Z	1954-1986
	'Miscellaneous Correspondence'. Contents of boxes so inscribed. Presented in original alphabetical order.	
F.21	Ad - Al	1976-1984
F.22	Am - Ar	1970-1985
F.23	Ar - Au	1979-1985
F.24, F.25	Ba 2 folders.	1971-1985
F.26, F.27	Be 2 folders.	1972-1985
F.28	Bh, Bi	1967-1983
F.29, F.30	Bl 2 folders.	1980-1985
F.31	Bo	1975-1985
F.32	Bra	1976-1984
F.33, F.34	British Association for Commercial and Industrial Education <i>re</i> the 10th Willis Jackson Lecture of the BACIE which was given at the Royal Institution in 1979. 2 folders.	1978-1979



Correspondence

F.35	British Broadcasting Corporation	1975
	British Computer Society	1981-1984
	British Nuclear Fuels Ltd	1981
F.36	British Petroleum	1981
	British Society for Social Responsibility in Science	1969-1970
F.37	Bro	1975-1984
F.38	Bru-But	1981-1984
	'Bye-laws'	1966-1968
	Correspondence and papers so labelled <i>re</i> bye-laws of the Royal Institution.	
F.39	Ca, Ce	1978-1985
F.40	Cha	1981-1985
F.41, F.42	Chester Beatty Research Institute 2 folders.	1960-1961
F.43	Chi	1978-1983
F.44	Col-Coo	1969-1986
F.45	Cor-Cox	1977-1985

**Correspondence**

F.46	Cr-Cu	1971-1985
F.47	Dainton, F.S. See also F.5.	1971, 1985
F.48	Daly, P. 1984 correspondence and papers relate to a BBC history of science project.	1979, 1984-1985
F.49	Dap-Dav	1971-1985
F.50	Davies, D.S. Davies moved from ICI to the post of Chief Scientist, Department of Industry. Includes correspondence and papers <i>re</i> 'chemistry in government technology'.	1975-1979
F.51	Dav-Daw	1976-1983
F.52	de Bono, E.F.C.P.	1979-1981
F.53	Deb-Den	1970-1984
F.54	Department of Industry Department of Trade and Industry	1975 1985
F.55	Des-Dha	1974-1985
F.56	Dil-Dun	1978-1985

Correspondence

F.57	Ea-Em	1969-1985
F.58	Department of Energy	1981-1982
	Energy Technology Support Unit for the Department of Energy	1979-1980
F.59	Energy Resources Sub-Committee of the Select Committee on Science and Technology	1977
F.60	Fellowship of Engineering (Filed under 'E')	1984-1985
F.61	Essen, L.  <i>re</i> Essen's views on relativity.	1973, 1976
F.62	Ev-Ey	1969
F.63	Fag	1976
	Faisal Foundation	1977
	King Faisal International Prize	1985
F.64	Farago, P.J.	1974-1975, 1983
	Fatt, P.	1982
F.65	Fei-Fon	1965-1983

**Correspondence**

F.66	Food and Disarmament International	1982, 1984
F.67	For-Fox	1977-1985
F.68	Fox, S.W.	1977-1981
F.69	Fra-Ful	1972-1984
F.70	Gad-Gle	1977-1985
F.71	Gol-Gra	1977-1985
F.72	'Greek Universities'	1973
	Includes photocopy of letter on 'Unrest in Greek Universities' published in <i>The Times</i> . Porter was one of the signatories.	
F.73	Green, C.H.	1976-1984
	1976 correspondence relates to the Visiting Green Professorship at the University of Texas Medical Branch at Galveston. Porter was unable to accept an invitation to the Professorship because of other commitments.	
F.74	Gre-Gri	1965-1985
F.75	Gue-Gut	1981, 1985
F.76	Haa-Hai	1969-1984
F.77	Hal-Han	1975-1985

**Correspondence**

F.78	Han-Har	1977,1982
F.79	Hea-Hew	1976-1985
F.80	Hie-Hil	1977-1985
F.81	Hoc-Hod	1976-1985
F.82	Hol-Hop	1975-1985
F.83	Hor-How	1979-1984
F.84	Huc-Hux	1973-1984
F.85	Ind-Int	1969-1985
F.86	International Council for Scientific Development	1981-1985
F.87	Int-Iro	1985
F.88	Isenberg, C.	1977-1979, 1985
	Isenberg was based at the Physics Laboratory, University of Kent at Canterbury.	
	1985 papers relate to International Physics Olympiad.	
F.89	Jab-Jap	1969-1978
F.90	Jee-Joh	1976-1983

### Correspondence

F.91	Jones, A.C.	1976-1983
	Jones wrote to Porter about a major error he had identified in Einstein's work.	
F.92	Jon-Jun	1973-1982
F.93	Ka-Ke	1966-1984
F.94	'Kelvin Plaque'	1970
	The Royal Institution supported a proposal to erect a plaque to the memory of Lord Kelvin. It was unveiled at Netherhall, Largs, Ayrshire, on 25 September 1970.	
F.95	Kem-Kho	1974-1985
F.96	Kim-Kin	1979-1985
F.97	Kin-Kor	1975-1985
F.98	Ku-Ky	1984-1985
F.99	Lam-Lan	1979-1985
F.100	Las-Lee	1973-1985
F.101	Lee-Les	1981-1986
F.102	Lestina, L.	1979-1983
	<i>re</i> Illinois Science Lecture Association.	

Correspondence

F.103	Let-Lew	1970-1983
F.104	Lic-Lit	1967-1984
F.105	Loc-Lot	1968-1979
F.106	Lub-Lyt	1976-1985
F.107	McC	1978-1984
	Macdonald, D.J.	1976-1977
	Macdonald was the Chairman of the British Association of Inventors.	
F.108	McK-McN	1975-1985
F.109	Mad-Mau	1978-1985
F.110	Maxwell, I.R.	1983-1984
	Includes papers <i>re</i> Maxwell's 60th birthday, 10 June 1983.	
	Mayer, R.	1975-1977
F.111	Mea-Met	1975-1985
	Michie, D.	1979-1985
	Michie was based at the Machine Intelligence Research Unit University of Edinburgh in 1979.	
	1979 correspondence relates to the archival policy of the BBC in respect of scientific programmes.	

Correspondence

- |             |  |           |
|-------------|--|-----------|
| F.112       | Mie-Mol  | 1972-1985 |
| F.113       | Miller, R.A.<br><br>Miller was based at the Institute of Urology, University of London.<br><br>Correspondence and papers <i>re</i> collaboration on treatment of kidney stones with lasers.  | 1982-1983 |
| F.114-F.116 | Mitchell, P.D.<br><br>Mitchell was based at the Glynn Research Institute, Bodmin, Cornwall. He was the 1978 Chemistry Nobel Laureate.<br><br>Include correspondence and papers <i>re</i> Commission of the European Communities consultancy contract, and research proposal concerning respiratory metabolism and oxidative phosphorylation.<br><br>3 folders. | 1979-1984 |
| F.117-F.119 | 'Moonies'<br><br>Principally duplicated papers <i>re</i> Reverend Sun Myung Moon, the Unification Church, the International Conference on the Unity of the Sciences and FAIR Family Action Information and Rescue.<br><br>3 folders.   | 1976-1985 |
| F.120       | Mor-Mur  | 1977-1984 |
| F.121       | Nat-New  | 1970-1985 |
| F.122       | <i>New Scientist</i>   | 1976-1984 |
| F.123       | New-Nor  | 1976-1985 |



### Correspondence

- |              |  |           |
|--------------|--|-----------|
| F.124, F.125 | Norrish, R.G.W.  | 1975-1979 |
|              | Norrish shared the 1967 Nobel Prize for Chemistry with Porter and M. Eigen.  |           |
|              | Includes requests to write obituaries of Norrish who died in 1978. A list of Norrish's publications is at F.125.   |           |
|              | 2 folders.   |           |
|              | See also F.8-F.11.   |           |
| F.126        | Not-Nyh  | 1967-1985 |
| F.127        | Of-OI  | 1967-1978 |
| F.128        | <i>OMNI</i>  | 1980-1981 |
|              | Correspondence with Bernard Dixon, European editor of the science magazine <i>OMNI</i> .   |           |
| F.129        | Ont-Osm  | 1974-1982 |
| F.130, F.131 | Oster, G.  | 1954-1982 |
|              | Oster was based at the Polytechnic Institute of Brooklyn when he initiated the correspondence with Porter. He was subsequently based at the Mount Sinai School of Medicine of the City University of New York. F.130 includes an obituary of Oster's wife, Dr Gisela Kallmann Oster. |           |
|              | 2 folders.   |           |
| F.132, F.133 | Page, J.K.   | 1974-1984 |
|              | Page was Professor of Building Science at the University of Sheffield.   |           |
|              | Includes recommendation and papers on solar energy.  |           |
|              | 2 folders.   |           |
| F.134        | Par-Pet  | 1974-1985 |

### Correspondence

- |              |  |           |
|--------------|--|-----------|
| F.135, F.136 | Philips Industries   | 1977-1979 |
|              | Correspondence and papers <i>re</i> annual Philips European Contest for Young Scientists and Inventors.  |           |
|              | 2 folders.   |           |
| F.137        | Phillips, D.C.   | 1969-1984 |
|              | Phillips was Professor of Molecular Biophysics at Oxford University.   |           |
|              | Includes correspondence, 1969-1970, <i>re</i> co-operation between the Royal Institution and the American Academy of Arts and Sciences.  |           |
| F.138        | Physically Handicapped and Able Bodied (PHAB)  | 1983-1984 |
|              | The charity's first Sir John Keswick Memorial Lecture was given at the Royal Institution on 19 May 1983.   |           |
| F.139        | Institute of Physics   | 1985      |
|              | Royal Institution Master Class in Physics<br>(Filed under 'P')   | 1983-1984 |
| F.140        | Pic-Pla  | 1982-1985 |
| F.141        | Pilkington Brothers Ltd  | 1973-1979 |
|              | Includes correspondence <i>re</i> research on photochromic materials.  |           |
| F.142        | Playback Associates  | 1979-1981 |
|              | Porter agreed to become a member of the Science Board for the 'The Search for Solutions' Project. This was a nine-part film series on science which was produced by Playback Associates for Phillips Petroleum Company UK Ltd. |           |
| F.143        | Plumley, G.A.K.  | 1977-1981 |
|              | Correspondence and papers <i>re</i> Plumley's ideas on thermodynamics.   |           |

Correspondence

- |              |   |           |
|--------------|---|-----------|
| F.144        | Polanyi, J.C.   | 1981-1984 |
|              | Polanyi was based at the Department of Chemistry, University of Toronto (Nobel Laureate, Chemistry, 1986).  |           |
|              | Includes correspondence and recommendation <i>re</i> research by Polanyi on photochemistry at surfaces.   |           |
|              | Folder also includes photocopy of obituary of Michael Polanyi (died 1976).  |           |
| F.145        | Pon-Pot   | 1972-1985 |
| F.146        | Pr-Pu   | 1974-1982 |
| F.147        | Rab-Ram   | 1978-1985 |
| F.148        | Rap-Ray   | 1976-1985 |
| F.149        | Ree-Ric   | 1968-1985 |
| F.150        | Rig-Rio   | 1972-1984 |
| F.151        | Rob   | 1977-1984 |
| F.152, F.153 | Robinson, G.W.  | 1970-1985 |
|              | During the period covered by the correspondence Robinson was successively at the California Institute of Technology, the University of Melbourne and the Texas Tech University where he became Director of the Picosecond and Quantum Radiation Laboratory. |           |
|              | Correspondence <i>re</i> research and visits.   |           |
|              | 2 folders.  |           |
| F.154        | Rob-Rom   | 1970-1985 |

**Correspondence**

F.155	Ros-Roy	1977-1986
F.156	Royal Television Society Principally correspondence <i>re</i> a number of Society annual lectures held at the Royal Institution.	1977-1981
F.157	Ru-Ry	1968-1982
F.158	Sab-Sag	1985
F.159	Sai-Sal	1971-1985
F.160	San-Sch	1976-1984
F.161	Sci-Ser	1972-1985
F.162	Ser-Shi	1971-1984
F.163	Si-Sl	1980-1985
F.164	Sm-Sn	1972-1983
F.165	So-Sp	1959-1984
F.166	Sta-Ste	1979-1985
F.167	Sto	1971-1985

Correspondence

F.168	Stu-Sug	1979-1985
F.169	Sw-Sz	1975-1985
F.170	Tam-Tec	1976-1983
F.171, F.172	Tedder, J.M. Includes correspondence <i>re</i> 1979 House of Lords Energy Debate. 2 folders. See also F.17.	1977-1980
F.173	Tem-Tet	1982-1985
F.174	Tha-Tho	1972-1982
F.175	Thr-Tim	1972-1985
F.176	Tod-Tom	1973-1986
F.177	Tre-Tri	1973-1980
F.178	Tri-Tun	1978-1984
F.179	'Turin Shroud' Correspondence and papers so labelled. See also E.286-E.292.	1983-1985

**Correspondence**

- |       |  |  |
|-------|--|--|
| F.180 | Tur-Tyn  | 1972-1984                              |
| F.181 | Tyrrell, H.J.V.<br><br>Tyrrell was based in the Department of Chemistry, University of London, Chelsea College of Science and Technology.<br><br>Includes an outline proposal for an M.Sc. in mathematical physiology and biology sent to Porter by Tyrrell. | 1972-1984                              |
| F.182 | Ub-Un  | 1976-1977                              |
| F.183 | Unilever Ltd<br><br>Correspondence with Information Division <i>re</i> educational films etc. Includes draft treatment for film on fluorescence.   | 1967-1971                              |
| F.184 | United Kingdom Atomic Energy Authority<br><br>Includes production brief and script for UKAEA educational film on radiation.<br><br>United Kingdom Chemical Information Service   | 1983-1985<br><br>1970                  |
| F.185 | United Nations Association in Canada<br><br>Rencontre pour l'Universalité de l'UNESCO<br><br>United World College of the Atlantic  | 1985<br><br>1975-1976<br><br>1978-1980 |
| F.186 | Va-Ve  | 1968-1982                              |
| F.187 | Committee of Vice-Chancellors and Principals of the Universities of the United Kingdom   | 1985                                   |
| F.188 | Vic-Vol  | 1975-1986                              |

Correspondence

F.189	Wag-Wak	1974-1983
F.190	Wal	1977-1982
F.191	War-Wat	1980, 1982, n.d.
F.192	Wea-Wei	1969-1983
F.193	Wel-Wes	1975-1984
F.194	Wes-Why	1976-1985
F.195	Wic-Wid	1978-1985
F.196	Wilb-Wilk	1976-1984
F.197	Will-Wood	1975-1985
F.198	Woodward, R.B.	1966-1980
	Woodward was based at the Department of Chemistry, Harvard University (Nobel Laureate, Chemistry, 1965).	
	Correspondence and papers 1979-1980 relate to tributes and memorial service for Woodward who died in 1979.	
F.199	Wri	1975-1985
F.200	Wya-Wyn	1973-1982

**Correspondence**

F.201	Wycliffe College, Stonehouse, Gloucestershire	1985
	Porter was a Patron of a College Appeal to finance new science laboratories.	
	Includes Appeal brochure with introduction by Porter.	
F.202	Y	1972-1985
F.203	Z	1966-1985
<b>F.204-F.231</b>	<b>MISCELLANEOUS CORRESPONDENCE</b>	<b>1966-1987</b>
	Chronological sequence	
F.204	1966-1969.	
	Includes 'final draft' of 'Proposals for Collaboration between the Royal Institution and the British Association in the London Area', 24 March 1969.	
F.205	1970-1971.	
	Includes outline of proposed M.Sc. course in photochemistry at the University of Southampton.	
F.206	1973.	
F.207	1974-1975.	
F.208	1976-1979.	
F.209	1980.	



**Correspondence**

- |       |                        |  |
|-------|------------------------|--|
| F.210 | 1981                   | Includes correspondence <i>re</i> Open University fees.  |
| F.211 | 1982-1983.             |  |
| F.212 | 1984.                  |  |
| F.213 | 1985 January-June.     |  |
| F.214 | 1985 October-December. |  |
| F.215 | 1986 January.          | Includes Porter's comments on Royal Society memoir of T.M. Sugden.   |
| F.216 | 1986 February.         |  |
| F.217 | 1986 March.            |  |
| F.218 | 1986 April, May.       |  |
| F.219 | 1986 June.             |  |
| F.220 | 1986 July.             | Includes draft of remarks Porter intended to make at the end of the ceremony for his installation as Chancellor, Leicester University. |

**Correspondence**

F.221	1986 August.	
	Includes 'Forty Years of Photochemistry. A summary' by Porter and photograph of Porter.	
F.222, F.223	1986 September.	
	2 folders.	
F.224	1986 October, November.	
F.225	1986 December.	
F.226	1987 January, February.	
F.227	1987 March.	
F.228	1987 April-June.	
F.229	1987 July.	
F.230	1987 August, September.	
F.231	N.d.	
F.232-F.251	<b>SOVIET SCIENTISTS</b>	<b>1970-1987</b>

'Soviet scientists 1970-1987'. Contents of folder so inscribed: correspondence and papers *re* efforts by Western scientists to help dissident scientists in the Soviet Union.

### Correspondence

- F.232 'Appeal for Release of Professor Medvedev (organized by Dr John Kendrew FRS) June 1970'. Correspondence and papers so labelled.
- F.233 Correspondence and papers, 1972-1973.  
Includes papers *re* the case of B.G. Levich.
- F.234, F.235 Correspondence and papers, 1974.  
Includes papers *re* the case of B.G. Levich.  
2 folders.
- F.236, F.237 Correspondence and papers, 1975.  
Includes papers *re* the cases of B.G. Levich, M. Shtern and A. Voronel.  
2 folders.
- F.238 Correspondence and papers, 1976.  
Includes papers *re* the case of B.G. Levich.
- F.239 Correspondence and papers, 1977.  
Includes papers *re* the case of B.G. Levich and Y. Orlov.
- F.240 Correspondence and papers, 1978.  
Includes papers *re* the cases of B.G. Levich and the Czech scientist, D. Lím.
- F.241 Correspondence and papers, 1979-1980.  
Includes papers *re* case of V. Brailovsky.
- F.242 Correspondence and papers, 1981.  
Includes papers *re* case of V. Brailovsky.

### Correspondence

- F.243 Correspondence and papers, 1982.
- Porter agreed to become a patron of 'Scientists for Soviet Refuseniks'.
- Includes copy of booklet *The excluded from science. The story of Soviet Refusenik Scientists* written and edited by Michael Yudkin and Joan Dale, and papers *re* the case of V. Brailovsky.
- F.244 Correspondence and papers, 1982-1983.
- Papers *re* the Uruguayan mathematician José Luis Massera found with the papers on Soviet scientists.
- F.245, F.246 Correspondence and papers, 1983.
- Principally papers *re* Scientists for the Release of Soviet Refuseniks including papers *re* case of Josif Begun.
- 2 folders.
- F.247 Correspondence and papers, 1984.
- F.248, F.249 Correspondence and papers *re* International Foundation for Peace and Liberty of Conscience, 1980-1985.
- The International Foundation started life as the International Sacharov Tribunal of Conscience and Peace.
- 2 folders.
- F.250 Correspondence and papers, 1985.
- Includes papers *re* the cases of Y. Orlov, A. Shcharansky, L. Volvovsky and R. Zelichenok.
- F.251 Correspondence and papers, 1986-1987.

**Correspondence**

**F.252-F.256                      JAPANESE SCIENTISTS                      1973-1985**

'Japan: correspondence with colleagues'. Contents of folder so inscribed.

F.252                      1973-1979.

F.253                      1980-1981.

F.254                      1982-1983.

Porter was nominated as an honorary member of the Chemical Society of Japan in 1982.

F.255, F.256                      1985.  
2 folders.

**F.257-F.289                      REFERENCES AND RECOMMENDATIONS                      1957-1987**

A chronological sequence of references and recommendations by Porter in respect of appointments, promotions, grant applications, articles and prizes.

F.257                      1957, 1962-1963.

F.258                      1965.

F.259                      1966.

F.260                      1967.

F.261                      1968.

**Correspondence**

F.262                    1969.

F.263                    1970.

F.264                    1971.

F.265                    1972.

F.266                    1973.

F.267                    1974.

F.268                    1975-1976.

F.269                    1977-1978.

F.270                    1979.

F.271                    1980.

F.272, F.273            1981.

2 folders.

F.274-F.276            1982.

3 folders.

**Correspondence**

F.276A, F.277      1983.  
2 folders.

F.278-F.281      1984.  
4 folders.

F.282-F.286      1985.  
5 folders.

F.287, F.288      1986.  
2 folders.

F.289      1987.