



Cornell University  
Library  
Division of Rare and Manuscript Collections

This document is from the Cornell University Library's Division of Rare and Manuscript Collections located in the Carl A. Kroch Library.

If you have questions regarding this document or the information it contains, contact us at the phone number or e-mail listed below.

Our website also contains research information and answers to frequently asked questions. <http://rmc.library.cornell.edu>

Division of Rare and Manuscript Collections  
2B Carl A. Kroch Library  
Cornell University, Ithaca, NY 14853  
Phone: (607) 255-3530 Fax: (607) 255-9524  
E-mail: [rareref@cornell.edu](mailto:rareref@cornell.edu)

#14/17/744 Tenth International  
Congress of the History  
of Science, Papers.  
1958-1964.

RESTRICTED

GUIDE



1962-66 Report desc.

#14/17/744

INTERNATIONAL CONGRESS OF THE HISTORY OF SCIENCE. Records, 1959-1964; 8 2/3 ft., 18 reels of tape recordings. Concern the Tenth Congress, held at Ithaca, New York, and Philadelphia in August and September 1962, and include the correspondence of Henry Guerlac, President, Dr. Doris (C.) Hellman (Mrs. *tr* Morton Pepper), Secretary, and Richard Shryock, Librarian of the American Philosophical Society and chairman of the Philadelphia local arrangements committee, relating to the planning, financing, and publicity for the Congress, travel grants and arrangements, papers to be given, programs, general information, and publication of the transactions of the Congress; lists of participants, form cards listing the titles of papers they wished to present, copies of abstracts and papers presented with some commentaries, and letters of thanks and appreciation from participants to Congress officials; domestic and foreign mailing lists of individuals, institutions, and periodicals; tentative and final academic and non-academic programs; drafts and final copies of the Congress bulletins; minutes and memoranda of the planning and local arrangement committees; press releases and other publicity items; statistics on travel and attendance; accounts and auditor's reports; a final report by Professor Guerlac and tape recordings of the proceedings. Unpublished guide available. Restricted. (14/17/645, 14/17/744, 14/17/tr.40)

Reading Room Copy -

Please Return

BOX 1

RESTRICTED

14/17/744

Xth International Congress of the History of Science, 1959-1963.  
Cornell University, Ithaca, N.Y. August 27-31, 1962.

Folder Thos. Cook and Sons - Correspondence 1960-1963  
Chart of names, vouchers, grants, refunds, remarks, etc.  
Section 10, The New York Times - The Nation's No. 1 Shrine  
Philadelphia Official Guide Post Assembly Technical Tours, June 1958.  
Cards - Names, Attendances or no - payments. (approx. 150)  
Card - John Anthony McVickar - Soviet and Eastern European Exchange  
Staff. U.S. Dept. of State, Washington D.C. - DU 3-6120

Folder 2 copies - Report on Xthe International Congress of the History of  
Science as of May 31, 1962 - Joel E. Sammet and Co., Certified Public  
Accountants - 19, Rector Street, N.Y.

Folder Statistics on Travel and Attendance - 1962

Folder Reingold Committee. 3 paper cuttings, August 1962

Folder Special Inquiries 1961  
Congress Iron Curtain per diem. Correspondence

Folder Dr. Hellman - Correspondence - 1962  
Pamphlet - Acta Archaeologica Academiae Scientiarum Hungarical -  
Budapest 1951

Folder Xth International Congress History of Science Abstracts/Letter- Sylvia  
Gureasko to Prof. Henry Guerlac - Aug. 5, 1963.  
International Scholarly Congresses in the United States.

Folder File Ithaca - Correspondence. 1961-1963

Folder Missing Papers - List of names, Correspondence, 10/6/62

Folder Chimesmaster Correspondence 1962

Folder Too Long Papers - Papers over 1700 words  
Correspondence 1962

Folder Messy Papers. 1962

Folder Program Committee 1962 and Program, Xth International Congress of the History  
of Science, August 26-Sept.2, 1962

Folder Participants  
Papers about people who expressed interest in attending the Congress/Program,  
Symposium IV (Contemporary Science)  
Correspondence 1963

Folder Correspondence 1959, Re;History of Science, 1962

Folder Miscellaneous Letters on Congress - 1962-1963

Folder Miscellaneous Letters 1961+1962  
Christmas Cards 1962

Folder Names of Participation Cards, Received and held for various reasons, June 1962

14/17/744

BOX 1

RESTRICTED

Xth International Congress of the History of Science. 1959-1963.  
Cornell University, Ithaca, N.Y. August 27-31, 1962.

Folder Domestic Papers Unassigned  
Correspondence - 1962  
Work Sheet For Foreigners who were awarded travel grants, 1962

Envelope Bank Book and Checks - Bank - Ithaca. Acc; closed 10/11/62

Folder Visa Problems  
Correspondence, June-July 1962

Folder NSF Grant  
Correspondence, December 1959-May 1961

Folder Papers for Actes - Correspondence Oct. 1962-Sept. 1963

Folder C.D.H. Correspondence, March 17, 1961  
Record of Conversation 4 March 1961 between H. Guerlac and C.D.Hellman  
and agreements reached  
Magazine - Saturday Review April 2, 1960. Article on C.D.Hellman

Folder CDH. March 18, 1961 - End of 1961  
March 1961 - December 1961

Folder 1960 - Congress Philosophy of Science August 1959-1960  
Minutes on General Assembly Division for Logic, Methodology and Philosophy  
of Science International Union for History and Philosophy Science, Aug. 29, 1960  
Welcome to Stanford University  
Abstracts of Contributed Papers - August 24, to Sept. 2, 1960

Folder Planning Committee Correspondence  
Correspondence January 1960-1962

Folder Royal Society - Sir Harold Hartley  
Correspondence Aug. 1961, June 1962

Folder Problem of Official Languages. Correspondence December 1961- Feb. 1962

Folder Paid Bills - Correspondence Nov. 60, - Aug. 1963  
Congress Petty Cash Forms, 1961-1963

Folder Paper cuttings - Swiss  
Correspondence 1958-1961

Folder Planning Committee - Xth International Congress of the History of Science,  
Minutes of Meeting of February 19, 1960

Folder Miscellaneous - to file and throw away  
Reminders for Professor Henry Guerlac, 1961

Folder Pamphlets on Planning Congresses  
Pamphlets - International Congress Organization - Theory and Practice -  
Onzieme Congress International Des Sciences Historiques  
Travel Study and Research in Sweden  
American Council on Learned Societies, April 1960  
International Congress on Theoretical Physics, Sept. 1956  
Paper XXV (Russian) and form for XXVth International Congress of Orientalists,  
Moscow, 9-16 Aug. 1960. Code for Registration Clerks

BOX 1

**RESTRICTED**

Xth International Congress of the History of Science. 1959-1963.  
Cornell University, Ithaca, N.Y. August 27-31, 1962

Folder Planning Committee and Minutes, 1962

Folder Lucius N. Littauer Foundation -  
Correspondence November 1961- January 1962

Folder Announcements of Various Congresses  
Richiesta  
Convegno Internazionale  
Calendario Delle Riunioni E Dei Congressi Nazionali E Internazionali 1960  
International Congress For Logic, Methodology and Philosophy of Science -  
Substantive Report by Patrick Suppes  
Summary Financial Report As of January 31, 1961  
Printed Forms -Preliminary Program of Invited Speakers, Third Notice  
Onzieme Congrès International Des Sciences Historiques Premier  
Congrès International de Nephrologie  
First International Congress of Nephology  
Second Notice  
Fifth International Congress on Nutr. Off. and Committees - July 1959  
American Council of Learned Societies, October 3, 1960  
2 copies - Symposium Internazionale Di Storia Delle Scienze

Folder The Asia Foundation - Correspondence 1959-1962

Folder Congress Petty Cash Fund - 1960  
Cornell Campus Store Inc. 1960

Folder Repicked Abstracts - April 26, 1962

Folder CDH Correspondence to AMG 1960-1961

Folder National Academy of Sciences 1960-1961

Folder Stationery and Emblem, No. 1 and 2  
2 letters from Kathleen to Henry - Sunday and Wednesday - no date

Folder Bulletin No. 1 January 1961, (2 copies)



BOX 2

RESTRICTED

Xth International Congress of the History of Science. 1959-1963.  
Cornell University, Ithaca, N.Y. August 27-31, 1962.

- Folder 2 copies - Final Report Xth International Congress of the History of Science, 26, August - 2 September 1962. Ithaca, N.Y. July 1964.  
Appendix I - Awards to Foreign Scholars  
History of Science International Congress Fund - 216, W.Sibley Hall, C.U., Ithaca, N.Y. In account with Tompkins County Trust Co.
- Folder Introductory Summary - 22 pages  
Conclusion - 2 pages
- Folder Suggestions for Travel Grants  
Correspondence 1959-1962. Re: travel arrangements
- Folder Distribution of Travel Grants - 1961-1962  
University of Bridgeport convocation - Commemorating the addition of the name of Josiah Willard Gibbs (1839-1903) the 26th Immortal of Science to THE SC. WALL OF HONOR, November 29, 1961.
- Folder Persons to receive travel aid  
Correspondence - 1961-63  
Supplementary Financial Report May 31, 1963 - July 15, 1964  
Appendix I - Award of Travel Grants
- Folder Paper cuttings. Discovery of Neutron Relived  
800 World Scientists Due Here For International Congress  
World Science Meeting Scheduled for Cornell  
Visitors Break Routine to Become 'Tourists'  
Dutchman Gets Science Medal  
World Meeting to Hear Symphony's Introduction
- Folder 2 Postcards from D. Hellman - Copy  
Printed Papers, 1962. Re: History of Science Congress  
2 Blank Airmails  
Guide to Cornell University marking Congress Headquarters and Residential Halls  
2 copies Rochester Chamber Orchestra - Karel Husa, Conductor  
Letter - Gordon and Breach - to Dr. Guerlac, Jan. 11, 1962  
Letter - Ed. (The City College, N.Y.31.) to Henry - Jan. 10, 1962  
Letter - C. Doris Hellman to Prof. I. Bernard Cohen. Jan. 9, 1962  
5 bills - 1963  
Postcard - Change of address of Prof. G.C. Amstutz  
Form GPO 960586 2 copies Releases for Unaccompanied Tourist Shipment - Bureau of Customs  
Report at the Xth International Congress on the History of Science. 'History of Electric Arc Welding in the USSR' - C. Khrenov  
Letter - C.D. Hellman to Prof. Henry Guerlac - 9 Jan. 1962  
Letter - Sept. 15, 1962, N. Harold Paley to Dr. H. Guerlac.
- Folder Correspondence 1962-1964. Re. History of Science Congress



RESTRICTED

14/17/744 (changed from  
/695.) Items in this checkli  
are in Box 3 of collection.  
Acc. 11/22/63

Accession Sheet and Check List - 25 ITEMS

Tenth International Congress of the History of Science. Miscellanea,  
1962.

Collection consists of nine news releases of planned events by Cornell University News Bureau; booklet describing Ithaca living facilities; program of non-academic events; and the scripts of twelve addresses delivered at the Congress. Of the twelve addresses, six deal with Symposium IV, on August 31, 1962, Topic: "The Discovery of the Neutron and its Effects on Physics"; while the other six deal with general topics given throughout the congress. Unpublished guide follows.

Card Entries:

Tenth International Congress of the History of Science.  
Miscellanea, 1962.

Science (history)

Cat. by: PS Date: 1-2-64

Symposium IV: "The Discovery of the Neutron and its Effects upon Physics: A case Study".

1. Nuclear Physics Without The Neutron; Clues and Contradictions. Edward H. Purcell (Professor of Physics, Harvard University).
2. The experimental discovery. Norman Feather (Professor of Natural Philosophy, University of Edinburgh, Edinburgh, Scotland).
3. Comments On The Experimental Discovery Of The Neutron. Gerald J. Whitrow (Reader, Dept. of Mathematics, Imperial College of Science and Technology, South Kensington, S.W. 7, England).
4. The consequences Of The Discovery Of The Neutron. Emilio Segrè (Professor of Physics, Dept. of Physics, University of California, Berkeley 4, Calif.).
5. The Consequences Of The Discovery Of The Neutron. Commentator: Samuel Devons (Professor of Physics, Dept. of Physics, Columbia University, New York 27, N.Y.).
6. Some Personal Notes On The Search For The Neutron. Sir James Chadwick (Wynne's Parc, Denbigh, Great Britain)

Scripts of six additional addresses delivered at the Congress. <sup>checklist</sup> are in Box 3 of collection.

1. Albrecht Dürer as a mathematician. Max Steck /Munich (Germany)
2. Darwin's Orchid Book. George Basalla (Teaching Fellow, in the History of Science, Quincy 5, Harvard University, Cambridge, Mass.).
3. Dr. Andrew Fernando Holmes. DR. R.V.V. Nicholls (Dept. of Chemistry, McGill University).
4. Complementary Views On Oxidation And Reduction. Wilson L. Scott and Eduard Farber (Research carried out under a grant by National Science Foundation at the American University).
5. The Salem Secession of Agassiz Zoologists. Ralph W. Dexter (Dept. of Biological Sciences, Kent State University, Kent, Ohio).
6. The Ingerhousz - Jenner Correspondence. P.W. van der Pas (South Pasadena, California).

PAPERS PREPARED FOR THE Xth INTERNATIONAL CONGRESS OF THE HISTORY OF SCIENCE, AT  
ITHACA, NEW YORK, 1962.

- Abstract - Some Problems of Source Material in History of Science in Medieval India  
A Manuscript from Scheele's Brown Book
- An Approach to Early Art from the Psychology of Technical Drawing
- Aristotle's Notion of Place (Topos) in Physics - by Salmon Bochner. (2 copies)
- Complementary Views on Oxidation and Reduction - by Wilson L. Scott and Eduard Farber
- David Al-Antaki's 16th Century Encyclopaedia on Medicine, Natural History and Occult  
Sciences - by Martin Plessner
- Descartes and Plato - by Dudley Shapere, The University of Chicago
- Development of Hydrology of the Land in Pre-Revolutionary Russia - by I.A. Fedoseyev,  
(2 copies)
- Ernst Mach as a professor of the History of Sciences
- Evolution of the Meaning of Light in Natural Philosophy, (3 copies- 2 English, 1 Italia  
Giuseppe Campani, Pioneer Optical Inventor - by Silvio A. Bedini
- History of Ukrainian Science and Technics - by G. M. Dobrov
- Humphry Davy, Phlogiston, and The Atomic Theory - by Robert Siegfried, University of  
Illinois
- Indian Association For The Cultivation of Science Letter And Paper, entitled -Study  
of Indeterminate Analysis in Ancient India - by S. N. Sen, Indian Association for the  
Cultivation of Science, Calcutta, India
- Kästner, Forerunner of Gauss, Pasch, Hilbert-George Goe
- Lalande and the St.Petersburg Academy of Sciences - by G. E. Pavlova
- La Science Et L'Histoire De La Philosophie Chez Hegel
- Le Principe D'Identité Concrete Comme Fondement Logique De La Science (2 copies)
- Mechanical Water Clocks of the 14th Century in Fez, Morocco - Derek J. de Solla Price  
Yale University
- Michael Sendivogius's Theory, its Origin and Significance In The History of Chemistry  
(2 copies)
- Minimum Principles in Science and Philosophy during the 17th and 18th centuries - by  
Gerd Buchdahl
- Note on J. S. Mills remarks on music in his "Autobiography"

RESTRICTED

Observations of Electromagnetic -Wave Radiation before Hertz - Charles Süsskind,  
University of California, Berkeley, California, U.S.A.

On The Logical Status of So-Called Thought Experiments - by Wolfgang Yourgrau  
(2 copies - long and shorter versions)

Phenomenic, Analytic, and Thematic Hypotheses; Conceptions for Re-evaluating History  
Stages in Physical Science - Gerald Holton, Harvard University

"Probabilists," "Anti-Probabilists," and The Quest For Certitude in the 16th and 17th  
Centuries - by Benjamin Nelson

Problems In The Recognition of Fossils As Organic Remains - M. J. S. Rudwick

Quarterly Journal of The History of Science and Technology - Special Issue - Vol.VI, 1962

River Technology and Historical Development

Schwann's Mistake - by Everett Mendelsohn - Committee on History of Science, Harvard  
University

Some Problems of Source Material In History of Science in Medieval India - Shri A.  
Rahman, Central Food Technological Research Institute Mysore, India

The Aerial Niter in the Sixteenth and Early Seventeenth Centuries - by Allen G. Debus

The Concept of Chemical Affinity in Thermodynamics - Erwin N. Hiebert - The Institute  
for Advanced Study, Princeton, New Jersey, August 1962. (2 copies)

The Conservation of Natural Resources in Medieval China: Prolegomena - Edward H. Schafe  
University of California, Berkeley

The Continuum of Deterministic Methods - Dr. Mihailo Marković, Professor of the  
Department of Philosophy, Belgrade University

The Contribution of Russian Scientists to the Development of Aerodynamics - by  
A. T. Grigoryan

The Development of American Astronomy During The Early Nineteenth Century - by  
D. F. Musto, University of Washington, Seattle, Washington. (2 copies)

The Early Electric Circuit Breaker - by Roco F. Ficck:

The Elementary Particle Concept in Modern Physical Theory - by E. J. Sternglass,  
Westinghouse Research Laboratories, Pittsburgh, 35, Pennsylvania

The Igenhousz - Jenner Correspondence - by P. W. vander Pas - South Pasadena,  
California

The Introduction of Modern Science into Seventeenth-century New England: Increase  
Mather, - by Michael G. Hall, University of Texas

Thematic and Phenomenic Hypotheses Conceptions for Re-evaluating Historic Stages  
in Physical Science - Gerald Holton, Harvard University

PAPERS PREPARED FOR THE Xth INTERNATIONAL CONGRESS OF THE HISTORY OF SCIENCE, AT  
ITHACA, NEW YORK, 1962.

RESTRICTED

The Myth of The Open North Polar Sea - by E. L. Towle, University of Rochester, 1962  
(2 copies)

The Piri Reis Map of 1513 and the Oronteus Finaeus Map of 1531 - by Charles H. Hapgood  
Professor of History, Keene Teachers College, Keene, New Hampshire, U.S.A.

The Problem of Symbolism in Medicine - Primitive and Greek Era Symbols in  
Relationship to Modern Scientific Medicine - Anderson Nettleship

The Proust-Berthollet Controversy - by S. C. Kapoor

The Role of Byzantium as an Intermediary in The Transmission of Ancient and Arabic  
Mathematics To The West - Kurt Vogel

The Royal Institution's Collection of Manuscripts - by K. D. C. Vernon, F.L.A.

The Theorica-planetarum Literature of the Middle Ages, by Olaf Pederson.

Was Gassendi A Predecessor of Newton? - by Milic Capek

5 Papers written in a foreign language