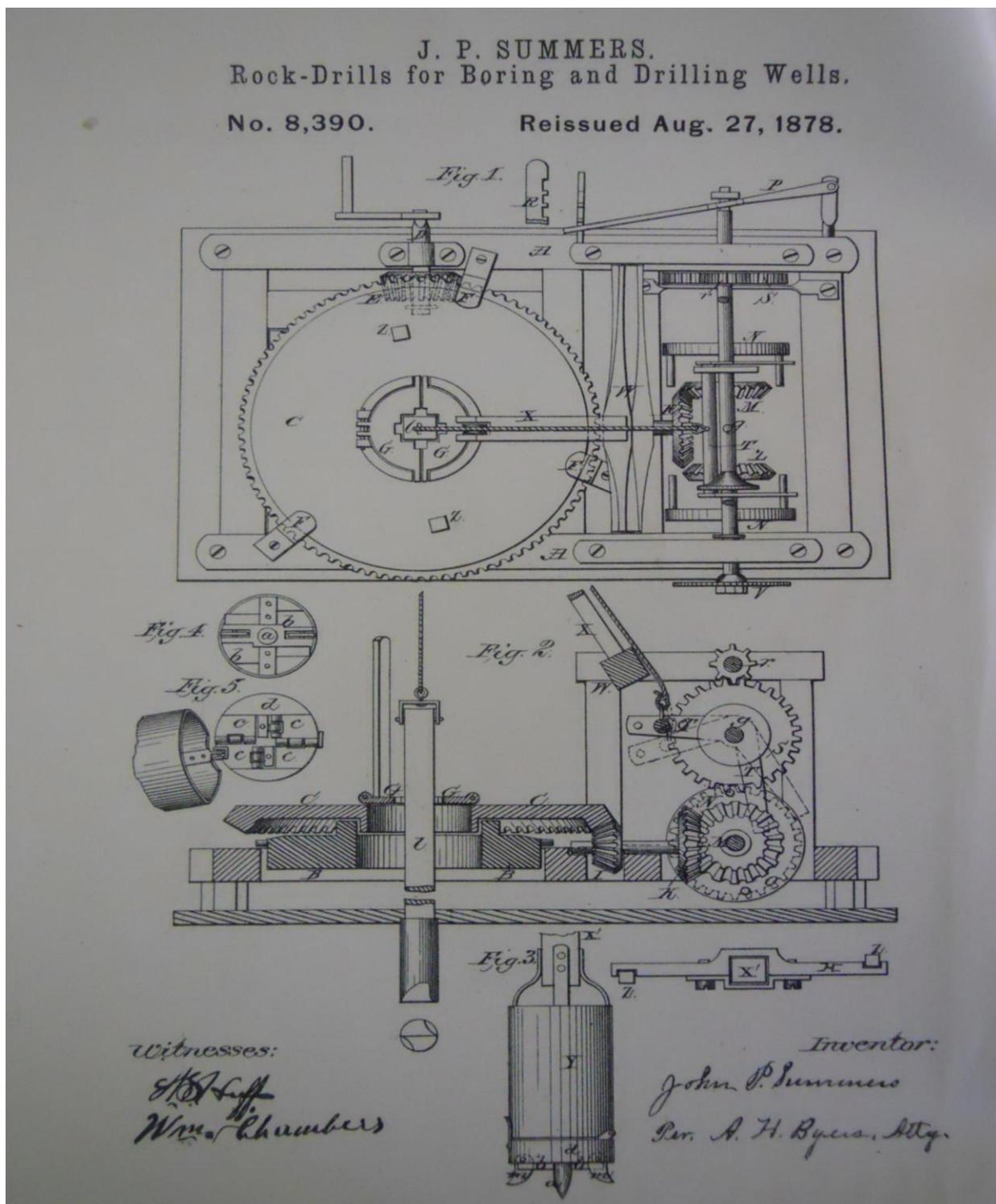


ICOHTEC NEWSLETTER

N° 150, October 2017

www.icohtec.org



From: United States Patent Office, "JOHN P. SUMMERS, OF TIFFIN, OHIO. IMPROVEMENT IN ROCK-DRILLS FOR BORING AND DRILLING WELLS. Specification forming part of Letters Patent No. 94,923, dated September 14, 1869; Reissue No. 8,390, dated August 27, 1878; application filed August 1, 1878.

Newsletter of the International Committee for the History of Technology ICOHTEC

Editor: Francesco Gerali, The University of Oklahoma, College of Law - Oil, Gas, Mineral Resources and Energy Centre. Norman, OK, United States. Mail to fgerali@ou.edu

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I. 45th ICOHTEC Annual Meeting in Saint-Étienne (2018)

Call for Papers and Sessions

ICOHTEC Symposium -- Saint-Étienne, France -- 17 to 21 July 2018

Deadline for proposals

5 February 2018

The International Committee for the History of Technology will hold its 45th symposium and 50th anniversary celebration at the Jean Monnet University in the city of Saint-Étienne, France. The general theme of the symposium is **“Technological Drive from Past to Future? 50 years of ICOHTEC.”** Our intention is to inquire into long-term trends in interactions between technology and society, as well as how technologies have influenced utopian and dystopian views of the future. We aim to examine how the role of technology has changed across history and what characters and trends of technological change historians can help to anticipate in the future. The value of memories of the past for the present and future has been frequently discussed; the German theologian Albert Schweitzer claimed that *“happiness is nothing more than good health and a bad memory”*, whereas Spanish philosopher George Santayana argued that *“those who do not know history's mistakes are doomed to repeat them.”* **The symposium intends to explore whether there is any possibility of solving the tension between history and future.**

Since ICOHTEC will be celebrating its 50th anniversary at this symposium, a special plenary session will reflect on our organization’s stand-out contributions to the field over the last fifty years,

as well as looking ahead to explore new topics and approaches. More details on this event will be announced on our website.

As usual, the ICOHTEC Programme Committee welcomes papers on a wide range of topics, especially the changing relations between technology and society in the past and future. Session organisers and contributors of individual papers and posters might also consider aligning their proposals with the following non-exhaustive list of sub-themes:

Sub-themes

- 1) Expressions of “technological momentum” in history
- 2) The role of technology in the development of societies and in globalization
- 3) Political authority and the power of technology: shaping technology under the pressures of society
- 4) Regionalism and universalism of technology: can technology be constructed as neutral, independent of its contexts?
- 5) Innovations and risks: relationships and interactions between technology and the environment
- 6) Technology, culture, and landscape: borders and interfaces of natural and artificial
- 7) Playing with technology and playful approaches to technology
- 8) Media, communication and technology: mutual dependencies?
- 9) The significance of technological heritage and material culture for the future
- 10) The beauty of machines: art, design and culture in industry and technology
- 11) Representations of technology and industry in utopias and dystopias, including speculative fiction and popular culture
- 12) Heritage in the centennial commemorations of World War I: industry, technology, and the Great War
- 13) Digitization and computerization: technological trends and social effects

The symposium will cover all historical periods and areas of the globe. We invite submissions of new, original and unpublished work that offer fresh perspectives on the history of technology as well as exploring novel sources and methodologies.

The Programme Committee prefers submissions of coherent session proposals of three to four papers, although individual papers are welcomed. We also encourage poster presentations, which will be exhibited for the duration of the symposium. Each poster will be assigned a short time slot in a special session, during which the presenter will briefly outline its topic and have the opportunity to engage in discussion with delegates. Posters might be a particularly appropriate medium for doctoral students and museum curators as well as all those who want to draw attention to a more focused topics or work-in-progress. Besides these types of proposals, the Committee also encourages proposals in more unconventional formats, for example roundtables on recent important books or research issues, or panel discussions on films or other media related to the history of technology.

Proposal Guidelines

Papers, sessions and poster proposals must be submitted in English.

INDIVIDUAL PAPER proposals must include (1) a 200 – 300-word abstract, and (2) a one-page biographical sketch. Abstracts should include the author’s name and email address, a short descriptive title of the paper, a concise statement of the thesis, a brief discussion of the sources, and a summary of the major conclusions. Presentations should be compact analytical summaries of the author’s research. Oral presentations will be of 15-20 minutes duration, depending on the exactly composition of the panel, which is roughly equivalent to 5-7 double-spaced typed pages. Contributors are encouraged to submit full-length versions of their papers after the symposium for consideration by ICOHTEC’s peer-reviewed journal *ICON* by 1 December 2018.

SESSION proposals must include (1) a 300 – 400 word abstract of the session with a list of proposed papers and a suggested chairperson; (2) 200 – 300 word abstracts for each paper, and (3) a one-page biographical sketch for each contributor and chairperson. Sessions should consist of three or four speakers, or three speakers and one commentator. It is possible to propose several related sessions, which can take place over more than one day. The Programme Committee reserves the right to relocate papers to different sessions and to add papers to sessions. We also encourage roundtable proposals and other non-traditional session formats.

POSTER proposals must include (1) a 200 – 300-word abstract, and (2) a one-page biographical sketch. Abstracts should include the author’s name and email address, a short descriptive title, a concise statement of the thesis, a brief discussion of the sources, and a summary of the major conclusions.

Note: Membership of ICOHTEC is not required to participate in the symposium but members will pay a reduced registration fee. We especially encourage graduate students and early career scholars to participate in the symposium and submit their proposals. A limited number of **travel grants** of 350 euro will be available for Ph.D. candidates and young researchers, who are giving papers at the Symposium.

Submission of proposals

All proposals (paper, sessions, and posters) must be submitted electronically through our website <http://www.icohtec.org/annual-meeting-2018.html>. The online submission system will remain open until **5 February 2018**, which marks the deadline for all categories of contribution. On this website, you will also find all necessary instructions and guidelines on how to prepare and submit a proposal as well as all kind of information related to the event, such as travel grants announcements, calls for panellists to planned sessions, programme of the symposium, suggestions on accommodation and travel arrangements etc.

Should you have any queries on the submission procedure or programme, please contact Timo Myllyntaus, the Chair of the Programme Committee, via email (timmyl@utu.fi) or by post:

Timo Myllyntaus
Turku School of Economics
Rehtorinpellonkatu 3, Room 313
20 014 Turku University
Finland

II. Books on the History of Science and Technology

Bensaude-Vincent, Bernadette, Sacha Loeve, Alfred Nordmann, and Astrid E. Schwarz, editors 2017. *Research objects in their technological setting*. London, New York: Routledge. 282 pages.

Description

What kind of stuff is the world made of? What is the nature or substance of things? These are ontological questions, and they are usually answered with respect to the objects of science. The objects of technoscience tell a different story that concerns the power, promise and potential of things – not what they are but what they can be. Seventeen scholars from history and philosophy of science, epistemology, social anthropology, cultural studies and ethics each explore a research object in its technological setting, ranging from carbon to cardboard, from arctic ice cores to nuclear waste, from wetlands to GMO seeds, from fuel cells to the great Pacific garbage patch. Together they offer fascinating stories and novel analytic concepts, all the while opening up a space for reflecting on the specific character of technoscientific objects. With their promise of sustainable innovation and a technologically transformed future, these objects are highly charged with values and design expectations. By clarifying their mode of existence, we are learning to come to terms more generally with the furniture of the technoscientific world – where, for example, the 'dead matter' of classical physics is becoming the 'smart material' of emerging and converging technologies.

Contents

Introduction: The genesis and ontology of technoscientific objects Part One: Horizon of Possibilities 1. The pyramid and the ring: A physics indifferent to ontology (Peter Galison) 2. Cancer stem cells: Ontology matters (Lucie Laplane) 3. Robots behaving badly: Simulation and participation in the study of life (Christopher Kelty) 4. Vanishing friction events and the inverted platonism of technoscience (Alfred Nordmann) 5. From the birth of fuel cells to the utopia of the hydrogen world (Pierre Teissier) Part Two: Arenas of contestation 6. Heroin: Taming a drug and losing control (Jens Soentgen) 7. Long live play: The Playstation network and technogenic life (Colin Milburn) 8. A biography of a disorder that didn't want to be diagnosed (Simone van den Burg) 9. The plasticity and recalcitrance of wetlands (Kevin C. Elliott) 10. The life and times of transgenics (Hugh Lacey) 11. Cardboard: Thinking the box (Cheryce von Xylander) Part Three: Multiple temporalities 12. The multiple signatures of carbon (Sacha Loeve and Bernadette Bensaude Vincent) 13. Monitoring and remediating a garbage patch (Jennifer Gabrys) 14. Polar ice cores: Climate change messengers (Aant Elzinga) 15. Nuclear waste: An untreatable technoscientific product (Sophie Poirot-Delpech) 16. Biography of a 'sand heap': Staging the beginnings of nature (Astrid Schwarz)

III. Open Access Resources

The Royal Society's *Notes and Records*

Notes and Records is the Royal Society's international journal which publishes original research in the history of science, technology and medicine. In addition to publishing peer-reviewed

research articles in all areas of the history of science, technology and medicine, Notes and Records welcomes other forms of contribution including: research notes elucidating recent archival discoveries (in the collections of the Royal Society and elsewhere); news of research projects and online and other resources of interest to historians; including essay reviews, on material relating primarily to the history of the Royal Society; recollections or autobiographical accounts written by Fellows and others recording important moments in science from the recent past. Notes and Records is available at <http://rsnr.royalsocietypublishing.org/>

University College London, Downloadable Book

UCL Press announces a new open access book: Michael Boulter, *Bloomsbury Scientists: Science and Art in the Wake of Darwin*. Downloadable at: <https://goo.gl/Gevke8>

On the book: *Bloomsbury Scientists* is the story of the network of scientists and artists living in a square mile of London before and after World War I. This inspired group of men and women viewed creativity and freedom as the driving force behind nature, and each strove to understand this in their own inventive way. Their collective energy changed the social mood of the era and brought a new synthesis of knowledge to ideas in science and art. Class barriers were threatened as power shifted from the landed oligarchy to those with talent and the will to make a difference.

On the author: Michael Boulter obtained his BSc (1964) and PhD (1970) at UCL, and went on to lecture at West Ham Technical College and Imperial College. He later became Professor of Palaeobiology at the University of East London. He has directed projects for UNESCO, NATO and ICSU. Among his books are: *Extinction* (2002) and *Darwin's Garden* (2008).

IV. Tools for the Research in the History of Science and Technology: on line course

MOOC Course: 'Humphry Davy: Laughing gas, literature and the lamp', starting 30 October 2017 - Open to all

The MOOC, produced by Lancaster University and the Royal Institution of Great Britain, is intended for anyone with an interest in Humphry Davy, or early nineteenth century literature, science, or history. It will explore some of the most significant moments of Davy's life and career, including his childhood in Cornwall, his work at the Medical Pneumatic Institution in Bristol and the Royal Institution in London, his writing of poetry, his invention of his miners' safety lamp, and his European travels. The course will also investigate the relationships that can exist between science and the arts, identify the role that science can play in society, and assess the cultural and political function of science.

The course will start on 30 October 2017, and will run for four weeks. Learners will typically spend three hours per week working through the steps, which will include videos (filmed on location at the Royal Institution), text-based activities and discussion,

and quizzes. Learners will be guided at all stages by a specialist team of Educators and Mentors. It's entirely free to participate, and no prior knowledge of Davy is required.

An e-flyer is available at: <http://www.lancaster.ac.uk/users/moocs/davy/Davy.jpg>

Registration at: <http://www.futurelearn.com/courses/humphry-davy>

Inquiries to: Lead Educator, Professor Sharon Ruston (s.ruston@lancaster.ac.uk).

V. ICOHTEC Prizes: DAUMAS AND TURRIANO

MAURICE DAUMAS PRIZE – ICOHTEC'S ARTICLE PRIZE

The *International Committee for the History of Technology*, ICOHTEC, welcomes submissions for the *Maurice Daumas Prize*, which aims to encourage innovative scholarship in the history of technology. ICOHTEC is interested in the history of technological development as well as its relationship to science, society, economy, culture and the environment. There is no limitation as to theoretical or methodological approaches.

The prize will be awarded to the author of the best article submitted which deals with the history of technology in any period of the past or in any part of the world and which was published in a journal or edited volume in 2016 or 2017. Eligible for the prize are original articles published in (or later translated into) any of the official ICOHTEC languages (English, French, German, Russian or Spanish). Submissions are welcomed from scholars of any country **who are currently in graduate school or have received their doctorate within the last seven years**. Please send your submission and a brief (not to exceed one-page) cv to each of the six Prize Committee members **no later than 15 January 2018. Electronic submissions are preferred**. The winner will be contacted in late April 2018.

The prize will be awarded at our 45th Symposium, to be held in St Etienne, France, in summer 2018 (17-21 July 2018). The winner will receive a cash prize of Euro 500 as well as a travel grant of Euro 300 (if needed) to attend the ICOHTEC Symposium, which will feature a special panel organized around the winning article. The Daumas Prize is sponsored by the Université de Technologie de Belfort-Montbéliard (UTBM), France.

PRIZE COMMITTEE

Maria Elvira Callapez, Pl. Dr., [Prize Committee Chairperson],
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Sociological Institute of the Russian Academy of Sciences (SI RAN), St. Petersburg,
Russian Federation
l.zemnukhova@gmail.com

MAURICE DAUMAS (1910 - 1984) – The French Trailblazer

The history of technology would never have become a prominent field of historical research without energetic pathbreakers. Maurice Daumas was one of them. One of his better known early works is *Les instruments scientifiques aux XVIIe et XVIIIe siècles*, which was also published in English. Between 1962 and 1978, he edited a highly acclaimed history of technology, *Histoire générale des techniques*, in five volumes, which has been translated into English and Spanish, and used as a textbook in various countries. In France, Daumas was also the pioneer of industrial archaeology. Daumas was the first secretary general of ICOHTEC and the host of its symposium at Pont-à-Mousson in 1970.

For further information about Daumas:

http://www.persee.fr/web/revues/home/prescript/issue/rhs_0151-4105_1984_num_37_3

For information about ICOHTEC: <http://www.icohtec.org>

TURRIANO ICOHTEC PRIZE

The Turriano ICOHTEC Prize for books on the history of technology (formerly ICOHTEC Prize for Young Scholars) is sponsored by the Juanelo Turriano Foundation and consists of 2,500 Euro. The prize-winning book will be presented and discussed at a special session of the next ICOHTEC symposium, in Saint-Étienne, France, from 16-22 July 2018 (<http://www.icohtec.org/annual-meeting-2018.html>). An additional 500 Euro is available to the winner in support of travelling to the conference to receive the prize. ICOHTEC, the International Committee for the History of Technology, is interested in the history of technology, focusing on technological development as well as its relationship to science, society, economy, culture and the environment. The history of technology covers all periods of human history and all populated areas. There is no limitation as to theoretical or methodological approaches.

Eligible for the prize are original book-length works in any of the official ICOHTEC languages (English, French, German, Russian or Spanish) in the history of technology: published or unpublished Ph.D. dissertations or other monographs written by scholars who, when applying for the prize, are not older than 37 years. Articles and edited anthologies are not eligible. For the ICOHTEC Prize 2018, please send an electronic copy (Pdf or Word) of the work you wish to be considered for the prize to each of the four Prize Committee members. (Note: Hard copies are only accepted for published works not available electronically.) Your submissions must be emailed no later than Friday, 2 February 2018. Please also include an abstract of no more than half a page in length. If your book is in Spanish or Russian, please also supply a summary in English, French or German of about 4,500 words. In that case, the prize committee will find additional members, who are familiar with the language in which your book is written.

If the work is a Ph.D. thesis, it should have been accepted by your university in 2016 or 2017; if it is a published work, the year of publication should be 2016 or 2017. The submission should be accompanied by a CV (indicating also the date of birth) and, if applicable, a list of publications. Applicants are free to add references or reviews of the work submitted.

Please, consider that any materials sent to the prize committee will not be returned. You are invited to send a complete application by email to each of the following Prize Committee members:

Prof. Hans-Joachim Braun, Prize Committee Chairperson
Helmut Schmidt Universitaet
Fakultaet GeiSo H1-2219
D- 22039 Hamburg
E-mail: hjbraun@hsu-hh.de

Prof. Ernst Homburg
Maastricht University
Department of History
Faculty of Arts and Social Sciences
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6200 MD Maastricht
E-mail: e.homburg@maastrichtuniversity.nl

Dr. Irina Gouzevitch
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E-mail: irina.gouzevitch@ens.fr

Dr. Klaus Staubermann
Principal Curator of Technology
National Museums of Scotland
Chambers Street

Edinburgh
EH1 1JF
UK
E-mail: K.Staubermann@nms.ac.uk

VI. Conference Announcements

**Erie Canal@200 A Symposium Commemorating the Bicentennial of America's Waterway
A Symposium Commemorating the Bicentennial of America's Waterway Utica College
New York, United States, November 4, 2017**

Crossing New York State from the Hudson River at Albany to Buffalo, the Erie Canal revolutionized transportation and the state's economy almost immediately. The Canal also aided the spread of ideas such as abolitionism, utopianism, religion, and women's rights. At the same time, however, the Canal contributed to the dislocation of indigenous populations, the spread of disease, and decline of communities beyond the Canal's reach.

On November 4, 2017, Utica College's Center for Historical Research will host its sixth annual @Symposium to investigate the building of this marvel of engineering and symbol of progress and civilization. Six presenters will discuss the history of the Erie Canal from diverse perspectives—cultural, economic, technological, environmental, and social—and will create a sustained dialogue to facilitate a greater understanding of the importance of the Canal and the world through which it flowed:

Craig Williams, New York State Museum
Pamela Vittorio, Parsons School of Design, The New School
Ann Norton Greene, University of Pennsylvania
Susan Brewer, University of Wisconsin-Stevens Point
John Busch, Independent Historian
Bill Fahy and a musical performance by Craobh Dugan

Time: 8:30am–6:30pm

Location: ECJS Building on the Utica College campus

Please register by October 25, 2017 at www.utica.edu/ec . Registration, which includes meals and a reception, is required to help with meal planning. Free for students, \$25 for all others.

Contact Info:

David Wittner, Director, Center for Historical Research, Utica College

Contact Email: dwittner@utica.edu

URL: <http://www.utica.edu/chr>

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**"Émilie Du Châtelet's Foundations of Physics: A Conference Celebrating the Complete English Translation", University of Notre Dame, 26 – 28 April 2018**

Registration is now open for the upcoming conference "Émilie Du Châtelet's Foundations of Physics: A Conference Celebrating the Complete English Translation" to be held on April 26th–28th, 2018, at the University of Notre Dame: <https://philosophy.nd.edu/news/events/foundations-of-physics/> . The conference program will include presentations and discussions of the text, of its philosophical and historical context, and of teaching Du Châtelet in the philosophy classroom.

Space is limited and registration is on a first come, first served basis. Questions should be directed to Prof. Katherine Brading, [katherine.brading@duke.edu](mailto:katherine.brading@duke.edu), Department of Philosophy, Duke University, Durham, NC.

## **VII. Call for Papers**

**Changing the Earth's (Sur-)Face. Adjusting Nature to Human Needs  
Workshop at the Interdisciplinary Centre for Science and Technology Studies, Bergische  
Universität Wuppertal, Germany, May 23-25, 2018**

Humans have modified nature or, put more cautiously, elements of their specific environments ever since the Neolithic Revolution. This development has often been conceived of as a dichotomy between nature and science and/or technology. However, since the 1960s concepts like Boulding's "Spaceship Earth" or more recently Crutzen's and Stoermer's idea of the "Anthropocene" have shifted attention towards a more complex understanding of the relationship between nature and science/technology. Setting aside the difficulties to even define such a term as "nature", these systematic approaches have helped to find more fine-grained forms of analysis for studying the degrees of human interferences with nature. But these methods also have their shortcomings. While they are quite useful in order to describe gradual differences between similar levels of manipulation of nature, as e.g. traditional forms of plant-breeding vs. genetic modification, they do not help to explain similarities between very different types and methods of manipulation as e.g. the application of chemical knowledge to such diverse fields as plant-breeding or industrialized farming or even the recultivation of urban waste dumps and open pit mines.

The extensive use of science and technology as a means of changing nature seems to link such varied forms of manipulation as landscape designing/gardening or plant-genetics. But, though neither a genetically manipulated plant nor a beautifully designed garden is "natural", the ways in which they have been influenced by human intervention fall into different categories. The workshop wants to encourage discussion about how we could best define and describe such categories. As a starting point we suggest to focus on the purposes that have driven humans to change their natural surroundings, laying special emphasis on the late 19th to the 20th century. How and why have nature or specific elements of nature been altered according to human needs and what levels of manipulation have been employed?

The workshop wants to address these gaps in our knowledge. We welcome all contributions that relate to the different aspects of how and why man has interfered with nature.

We invite papers from all fields of history with a focus on more recent history. As an initial for discussion we suggest the following topics:

From Parks to Urban Farming: between aesthetic needs and technical solutions.

Parks and gardens in particular are essential examples of nature having been modified to human needs as they are under a more immediate human influence than the environment in general. However, the purposes for designing and building gardens and parks varied and vary a lot. Examples may range from medical or botanical gardens that have been established for scientific use to representational or recreational gardens and parks to gardens that were designed for economic or social reasons. The social aspect becomes particularly evident if one considers the importance of gardens and parks in urban planning, especially after the beginning of the Industrial Revolution.

Purpose-breeding plants.

Plant-breeding was always performed in order to enhance the plants' qualities, be it their beauty, size or resistance to certain diseases. The 20th century saw the advent of new technologies that enabled scientists to customize organisms in the laboratory. Methods as e.g. genetic manipulation were invented to eliminate the randomness of natural crossbreeding, not only mimicking the process of evolution, but even trying to enhance it artificially. Some of these methods have met fierce resistance by a broader public whereas others seem to have been readily accepted.

Damage (Un)done? Dealing with the aftermath of manipulation.

All changes applied to nature, whether to specific plants or to whole landscapes, have usually been perceived as serving the "common good". But some trends have since been re-evaluated and as a consequence call for reversion or further human intervention, such as the impact of industrialized agricultural methods on the environment or the use of chemicals as herbicides, pesticides or fertilisers. Many of the methods that are being applied to nature today are aiming at undoing the damage caused by earlier manipulations.

The workshop is being organized at the Interdisciplinary Centre for Science and Technology Studies (IZWT) at the Bergische Universität Wuppertal. For further information on the topic, please get in touch with Vanessa Cirkel-Bartelt, [cirkel@uni-wuppertal.de](mailto:cirkel@uni-wuppertal.de); or Volker Remmert, [remmert@uni-wuppertal.de](mailto:remmert@uni-wuppertal.de). The workshop's ambit invites interdisciplinary collaboration.

Proposals for papers from all who can contribute to the topic are therefore welcome. Special consideration will be given to proposals from young scholars. The language of the workshop will be English. Submissions must include a title, an abstract (1–2 pages) of a 20 minute presentation, and a short CV (maximum one page).

Submissions should be sent to Vanessa Cirkel-Bartelt at [cirkel@uni-wuppertal.de](mailto:cirkel@uni-wuppertal.de) and Volker Remmert at [remmert@uni-wuppertal.de](mailto:remmert@uni-wuppertal.de) **no later than November 3, 2017**. Contributors' overnight accommodation costs will be covered. But because funds are limited, please let us know well in advance if you will need support to cover travel expenses.

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**Annual Conference of the History Group of the Association of German Engineers, VDI
German Mining Museum, Bochum, Germany, 15-16 February 2018**
Speichern – Zur Geschichte einer Grundfunktion der Technik.
Technikgeschichtliche Tagung des VDI 2018/Storing – an Elementary Task of Technology.

Submissions Deadline 04.12.2017

Please visit <http://www.gtg.tu-berlin.de/ws/index.php/tagungen/call-for-papers>

Please contact Lars Bluma, German Mining Museum, lars.bluma@bergbaumuseum.de

**Annual meeting of the German Society for the History of Technology 2018
Helmut-Schmidt-University, Hamburg, 4-6 May 2018**
Technikemotionen. Jahrestagung der Gesellschaft für Technikgeschichte, GTG 2018
Technology-based Emotions.

Submissions Deadline 06.01.2018

Please visit <http://www.gtg.tu-berlin.de/ws/index.php/tagungen/call-for-papers>

Please contact Martina Heßler, Chair of Modern Social, Economic and Technological History at Helmut Schmidt University via Technikemotionen@hsu-hh.de

VIII. Call for Manuscripts

Call for thematic issue – HoST - Journal of History of Science and Technology

The editors of *HoST - Journal of History of Science and Technology* are looking for proposals for a thematic issue to be published in 2019 (*HoST* volume 13). The volume should be prepared by a guest editor and include four research papers.

HoST is an open access, on-line peer-reviewed international journal devoted to the History of Science and Technology, published in English by a group of Portuguese research institutions and De Gruyter (<https://www.degruyter.com/view/j/host>). *HoST* encourages submissions of original historical research exploring the cultural and social dimensions of science, technology, and medicine (STM), both from a local and a global perspective. *Past thematic issues have dealt with topics as diverse as* circulation, communication of science and the relationships of science with fascist regimes. *Future issues might deal with* both established and emerging areas of scholarship. Proposals might consider broad themes such as: STM and diplomacy, the Anthropocene, urban history, crisis, and the relationships between the Global North and the Global South.

Proposals should include the following items:

1. An abstract describing the topic for the thematic issue and its significance (500 words);
2. A list of the contributors along with the titles and abstracts (300 words) of the four research papers;
3. Brief CVs (300 words) of the guest editor(s) and authors;

The guest editor(s) and the contributors must be prepared to meet the HoST publication schedule:

- Abstract and titles submission: 10 November, 2017
- Submission of complete research papers: 1 September, 2018
- Publication: September/October, 2019

Proposals will be subject to approval by the Editorial Board and the outcome will be known to the authors by December 2017. Submissions should be sent as an e-mail attachment to the editor: chiefeditor@johost.eu

For further information: <https://www.degruyter.com/view/j/johost>
(for back issues published until 2014, see <http://johost.eu/>)

IX. Jobs, Postdoctoral Positions and Research Fellowships

ICOHTEC is pleased to offer this brief digest including some academic job vacancies in schools of humanities, education, arts and languages. We constantly survey the web and assess new sources to collect the announcements. We kindly invite members to share with ICOHTEC information on jobs, fellowships, travel grants, internship and other programs aimed to professional development.

Australia

- Senior Lecturer and Director (Education-focused) in Communications and Media
Monash University, Faculty of Arts, School of Media, Film and Journalism Communication and Media Studies
- Professor / Associate Professor in Communication and Media Studies
Monash University, School of Arts and Social Sciences

Canada

- Tenure-Track Position - Assistant Professor, Human Information Interaction
McGill University
- Full Time Tenure Stream - Assistant Professor in U.S. History
York University, Department of History, Faculty of Liberal Arts & Professional Studies
- Full Time Tenure Stream - Assistant Professor in Philosophy of Perception
York University, Department of Philosophy, Faculty of Liberal Arts & Professional Studies

Finland

- Lecturer in Architecture Theory
Aalto University, School of Art and Design, Department of Architecture

- Postdoctoral Researcher in Art
Aalto University, School of Art and Design, Department of Art

Germany

- Associate Professor or Full Professor in Philosophy of Science and Technology
The Technical University of Munich (TUM)
http://portal.mytum.de/jobs/professuren/NewsArticle_20170926_141845
- W1 Junior Professor for the State and Society of China
Friedrich-Alexander University of Erlangen-Nuremberg, Department of Philosophy and the Department of Theology
- Research Associate (Postdoc) in Philosophy
University of Hamburg, Faculty/Department of Humanities/Department of Philosophy
- W3 Professorship for Early Modernity
Friedrich-Alexander University of Erlangen-Nuremberg, Department of Philosophy and the Department of Theology

Japan

- Visiting Research Scholars in Center for Southeast Asian Studies
Kyoto University, Center for Southeast Asian Studies
- Faculty Position in Language and Culture
Osaka University, Department of Language and Culture

New Zealand

- Senior Lecturer/Associate Professor in Human Development
University of Waikato, Te Kura Toi Tangata Faculty of Education

Sweden

- PhD Student in English with a Focus on English or American Literature
Uppsala University, English institution
- PhD Student in Philosophy with a Focus on Philosophy History
Uppsala University, Department of Philosophy
- Ph.D. Student in Philosophy
KTH Royal Institute of Technology, School of Architecture and Built Environment
- Ph.D. Student in Urban and Regional Studies
KTH Royal Institute of Technology, School of Architecture and Built Environment

Switzerland

- PhD in Art and Design Education with a focus on teaching methods (Fachdidaktik)
Zurich University of the Arts

Taiwan

- Assistant/Associate/Full Professor of Western Art History
National Taiwan Normal University

United Arab Emirates

- Assistant/Associate Professor in Media Studies
American University of Sharjah, Department of Mass Communication (MCM)
- Assistant or Associate Professor in 19th-Century English Literatures
American University of Sharjah, Department of English
- Faculty Position in Philosophy
American University of Sharjah, Department of International Studies
- Faculty in Arabic & Emirati Studies
Higher Colleges of Technology
- Faculty in Emirati Studies
Higher Colleges of Technology
- Adjunct Faculty in Applied Communications
Higher Colleges of Technology

United Kingdom

- Lecturer in French
Aberystwyth University, Department of Modern Languages
- Lecturer in School of Arts, English and Drama
Loughborough University, School of Arts, English and Drama
- Senior Lecturer in School of Arts, English and Drama
Loughborough University, School of Arts, English and Drama
- Reader in School of Arts, English and Drama
Loughborough University, School of Arts, English and Drama
- Lecturer in Primary Art Education
University of Reading, Primary Art Education
- Lecturer in Literature in English (Post 1800)
University of Reading, Department of English Literature

United States

- Chemical Heritage Foundation (CHF) - NEW Two-Year Postdoctoral Fellowship and Skill-Building Program, http://www.h-net.org/jobs/job_display.php?id=55541
- Linda Hall Library - 2018-19 Fellowships
http://www.h-net.org/jobs/job_display.php?id=55854
- Virginia Tech - Open Rank, Oral and Public History
http://www.h-net.org/jobs/job_display.php?id=55798
- Virginia Tech - Assistant Professor, Military History/War and Society
http://www.h-net.org/jobs/job_display.php?id=55850
- Arizona State University - Assistant Professor, Sustainable Education
http://www.h-net.org/jobs/job_display.php?id=55814
- Baruch College - Assistant or Associate Professor - Urban Studies
http://www.h-net.org/jobs/job_display.php?id=55823
- Columbia University - Postdoctoral Scholar/Scientist or Associate Research Scholar/Scientist, http://www.h-net.org/jobs/job_display.php?id=55504
- Muhlenberg College - Assistant Professor, American History

- http://www.h-net.org/jobs/job_display.php?id=55492
- The Metropolitan Museum of Art - Fellowship Opportunities
http://www.h-net.org/jobs/job_display.php?id=55514
 - University of California - Los Angeles - Tenure Track Faculty, Assistant Professor - Institute for Society and Genetics, http://www.h-net.org/jobs/job_display.php?id=55506
 - University of Pennsylvania - Tenure-track Assistant Professor in Environmental Humanities, http://www.h-net.org/jobs/job_display.php?id=555
 - Illinois State University - Assistant Professor, Early Modern European History
http://www.h-net.org/jobs/job_display.php?id=55532
 - Temporary Lecturer in History
University of California at San Diego, Division of Arts & Humanities
 - Associate or Full Professor - Endowed Chair in Studies in Ancient Jewish Civilizations
University of California at San Diego, Department of History
 - Assistant Professor in Early Modern Mediterranean and the World
University of California at San Diego, Department of History
 - Associate or Full Professor - Endowed Chair in Modern Chinese History
University of California at San Diego, Department of History
 - Tenure-Track Assistant Professor in Italian Medieval Literature and Culture
Harvard University, Faculty of Arts and Sciences, Department of Romance Languages and Literatures
 - Tenure-Track Professor of Philosophy
Harvard University, Faculty of Arts and Sciences, Department of Philosophy
 - Lecturer Pool in French R&C
University of California at Berkeley, Department of French
 - Lecturer Pool in French Language and Culture
University of California at Berkeley, Department of French
 - Mahindra Humanities Center Postdoctoral Fellow
Harvard University, Faculty of Arts and Sciences, Mahindra Humanities Center
 - Lecturer Pool in Ethnic Studies, Gender & Women's Studies and African American Studies
University of California at Berkeley, Department of Ethnic Studies

Featured research fellowships: Lemelson Center and UCLA Library Special Collections

2018-2019 Lemelson Center Fellowships and Travel Grants (Apps Due: 1 Dec 2017)

Research Opportunities at the Smithsonian's Lemelson Center

Applications Due: 1 December 2017

Through its fellowships and travel grants, the **Lemelson Center for the Study of Invention and Innovation** supports research projects that present creative approaches to the study of invention and innovation in American society. Projects may include (but are not limited to) historical research and documentation projects resulting in dissertations, publications, exhibitions, educational initiatives, documentary films, or other multimedia products.

Our programs provide access to the expertise of the Institution's research staff and the vast invention and technology collections of the National Museum of American History (NMAH). The NMAH Archives Center documents both individuals and firms across a range of time periods and subject areas. Representative collections include the Western Union Telegraph Company Records, ca. 1840-1994 and the Earl S. Tupper Papers, documenting Tupper, and his invention, Tupperware. In addition, the NMAH Library offers long runs of historical technology serials like *Scientific American* and *American Machinist*, and the American Trade Literature collection, which includes 300,000 catalogs, technical manuals, and advertising brochures for some 30,000 firms, primarily from 1880-1945. For a comprehensive catalog of objects, manuscripts, images and research materials available at the NMAH (and other Smithsonian units), see <http://www.collections.si.edu/>.

The Lemelson Center invites applications covering a broad spectrum of research topics in the history of technology, invention, and innovation. However, the Center especially encourages project proposals whose topics align with one (or more) of the Lemelson Center's strategic research and programmatic areas, including: (1) the cultivation and training of inventors and innovators; (2) innovation in sports and sports technology; (3) the role of risk and failure in invention and innovation; (4) the role of venture capitalists and other intermediaries (e.g. patent attorneys, incubators, designers, etc) in the process of innovation; or (5) projects that illuminate inventors from diverse backgrounds or any inventions and technologies associated with groups (e.g. women, minorities, disabled, LGBTQ, etc.) that are traditionally under-represented in the historical record.

The **Arthur Molella Distinguished Fellowship** supports the work of an experienced author or senior scholar (at the associate/full professor level or equivalent) from the history of technology, science and technology studies, business history, museum studies, STEAM education, or an allied field. The specific arrangement is flexible: the Molella Fellow may use the funds as a sabbatical supplement; for several short-duration visits; for a single residency focused on research and writing; or for a series of lectures leading to a major publication. The stipend is \$35,000. Funds may be used flexibly to support travel for several short-term visits, living expenses for longer residences up to six months, and related research expenses; dates are flexible. **Applications are due December 1, 2017.** For application procedures and additional information, see <http://invention.si.edu/arthur-molella-distinguished-fellowship>. Applicants may wish to consult with the fellowship coordinator before submitting a proposal – contact historian Eric S. Hintz, Ph.D. at +1 202-633-3734 or hintze@si.edu.

The **Lemelson Center Fellowship Program** annually awards 2 to 3 fellowships to pre-doctoral graduate students, post-doctoral and experienced scholars, and other professionals who have completed advanced training. Fellows are expected to reside in the Washington, D.C. area, to participate in the Center's activities, and to make a presentation of their work to colleagues at the museum. Fellowship tenure is based upon the applicants' stated needs (and available funding) up to a maximum of ten weeks. Stipends will be \$630/week for pre-doctoral fellows and \$925/week for post-doctoral and professional fellows.

Applications are due December 1, 2017. For application procedures and additional information, see <http://invention.si.edu/lemelson-center-fellowship-program>. Researchers may wish to consult with the fellowship coordinator before submitting a proposal – contact historian Eric S. Hintz, Ph.D. at +1 202-633-3734 or hintze@si.edu.

The **Lemelson Center Travel to Collections Award Program** annually awards 3 to 4 short-term travel grants to encourage the use of its invention-related collections. Awards are \$150 per day for a maximum of 10 business days and may be used to cover transportation, living, and reproduction expenses; they are intended only for applicants who reside or attend school beyond commuting distance of the NMAH. **Applications are due December 1, 2017.**

See <http://invention.si.edu/lemelson-center-travel-collections-awards> for application procedures and additional information. Researchers may wish to consult with the travel award coordinator before submitting a proposal – contact archivist Alison Oswald at +1 202-633-3726 or oswalda@si.edu.

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### **2018 UCLA Library Special Collections Short-term Research Fellowships** **<http://www.library.ucla.edu/special-collections/short-term-research-fellowships>**

The UCLA Library Special Collections Research Fellowships Program supports the use of special collections materials by visiting scholars and UCLA graduate students. Collections that are administered by UCLA Library Special Collections and available for fellowship-supported research include rare books, journals, manuscripts, archives, printed ephemera, photographs and other audiovisual materials, oral history interviews, and other items in the humanities and social sciences; medical, life and physical sciences; visual and performing arts; and UCLA history.

#### **The Fellowships**

##### James and Sylvia Thayer Short-term Research Fellowships

Thayer fellowships provide support for research in any collections administered by UCLA Library Special Collections. Stipends range from \$500 to \$2,500 and vary yearly; grants in 2016 averaged \$1,770 and in 2017 averaged \$1,500. Awards are funded by an endowment established by longtime UCLA benefactors James and Sylvia Thayer.

##### Barbara Rootenberg Short-term Research Fellowship in the History of Medicine and the Life Sciences

The Rootenberg fellowship promotes the use of materials in History & Special Collections for the Sciences in UCLA Library Special Collections. One annual fellowship is awarded in the amount of \$1,000. The award is named for Barbara Rootenberg, an alumna of the UCLA School of Library Service and an internationally-renowned antiquarian bookseller.

##### Kenneth Karmiolo Endowed Research Fellowship in UCLA Library Special Collections

The Karmiolo fellowship supports the use of UCLA Library Special Collections materials by visiting scholars and graduate students. One annual fellowship will be awarded in the amount of \$5,000 to allow scholars to pursue research lasting from one to three months. The award is funded by an endowment established by Kenneth Karmiolo, an internationally-renowned antiquarian bookseller who earned his master's degree in library science from UCLA in 1971. Information and application details are available at <http://www.library.ucla.edu/special-collections/karmiolo-fellowships>.

### R.B. Kitaj Fellowship

The Kitaj fellowship will allow scholars to pursue research lasting up to two months in UCLA Library Special Collections. One fellowship will be awarded in the amount of \$2,500. The R.B. Kitaj Research Fellowship award is funded by the R.B. Kitaj Studio Project, a non-profit dedicated to promoting the legacy of American painter R.B. Kitaj (1932-2007). The fellowship was initiated to encourage research into and creative work inspired by Kitaj, an internationally renowned painter and intellectual. Born in Ohio, Kitaj spent much of his career in London, where he was a key participant in what is known as the “School of London.” He spent the last decade of his life in Los Angeles. In addition to a rich body of artwork, Kitaj left behind a large collection of papers and musings, now housed at UCLA Library Special Collections in the Charles E. Young Research Library. Kitaj Research Fellow awardees are expected to be in residence at UCLA Library Special Collections and to make use of the *R.B. Kitaj Papers* (Collection 1741). Information and application details are available at <http://www.library.ucla.edu/special-collections/kitaj-fellowships>

### Ahmanson Research Fellowships for the Study of Medieval and Renaissance Manuscripts and Books

Ahmanson Fellowships support the use of medieval and Renaissance monographic and manuscript holdings in UCLA Library Special Collections: the *Ahmanson-Murphy Collection of the Aldine Press*; the *Ahmanson-Murphy Collection of Early Italian Printing*; the *Elmer Belt Library of Vinciana*; the *Orsini Family Papers*; the *Medieval and Renaissance Manuscripts Collection*; the *Richard and Mary Rouse Collection of Medieval and Renaissance Manuscripts and Early Printed Books*; and the *Medieval and Renaissance Arabic and Persian Medical Manuscripts*. The fellowships provide \$2,500 per month for up to three months. Administered by the UCLA Center for Medieval and Renaissance Studies, this program requires an application separate from that for Thayer, Rootenberg, Karmiole, and Kitaj fellowships, and delivered to a different address; information is available on the Center for Medieval and Renaissance Studies Center’s website at <http://www.cmrs.ucla.edu/awards-fellowships/ahmanson/>.

### Eligibility

Thayer and Rootenberg Fellowships: Scholars who are engaged in graduate-level, post-doctoral, academic, or independent research are invited to apply. Research residencies may last up to three months between January 3 and December 15, 2018.

Karmiole Fellowships: Scholars who are engaged in graduate-level, post-doctoral, academic, or independent research are invited to apply. Research residencies may last from one to three months between January 3 and December 15, 2018. Information and application details are available at: <http://www.library.ucla.edu/special-collections/karmiole-fellowships>

Kitaj Fellowships: Scholars who are engaged in graduate-level, post-doctoral, academic, or independent research are invited to apply. Research residencies may last from one to three months between January 3 and August 31, 2018. Information and application details are available at: <http://www.library.ucla.edu/special-collections/kitaj-fellowships>

Ahmanson Fellowships: Scholars holding a PhD (or the foreign equivalent) who are engaged in graduate-level, postdoctoral, or independent research are invited to apply. Applications are due March 1, 2018; research residencies may last up to three months between July 1, 2018 and June 30, 2019. Information and application details are available at: <http://www.cmrs.ucla.edu/awards-fellowships/ahmanson/>.

#### Application Contents and Instructions for Thayer and Rootenberg Fellowships

Researchers can submit a single application for “Short-term Research Fellowships” in order to be considered for either the Thayer or Rootenberg fellowships. Applications must be received **on or before November 1, 2017**.

#### Applications must include:

- Cover letter
- Curriculum vitae
- Outline of research topic and special collections to be used (two pages maximum)
- Brief budget for travel, living, and research expenses
- Dates to be spent in residence
- Two letters of recommendation from faculty or other scholars familiar with the research project. *Please note that the committee cannot consider letters of recommendation from librarians or staff of the UCLA Library.*

Application materials for the Thayer and Rootenberg Fellowships, including letters of recommendation, may be submitted in PDF format by email to [lib\\_lscfellowships@library.ucla.edu](mailto:lib_lscfellowships@library.ucla.edu). Letters of recommendation in PDF format can also be sent by email, either by the person writing them or by the applicant.

#### Review Process and Notification

A committee will evaluate the research proposals, and applicants will be notified of the committee’s decision by email on or before December 1, 2017. Fellows may be asked to speak briefly about their recent or ongoing research at an informal brownbag session with local scholars during their visit.

#### Submit applications or direct questions about fellowships to:

Russell Johnson, Chair, UCLA Library Special Collections Research Fellowships Committee  
Short-term Research Fellowships Program  
UCLA Library Special Collections  
A1713 Charles E. Young Research Library  
Box 951575  
Los Angeles, CA 90095-1575  
Phone: 310.825.6940  
Email: [lib\\_lscfellowships@library.ucla.edu](mailto:lib_lscfellowships@library.ucla.edu)

Web: <http://www.library.ucla.edu/special-collections/short-term-research-fellowships>

This announcement is available as a printable flyer:

[https://www.library.ucla.edu/sites/default/files/LSC\\_fellowships2018.pdf](https://www.library.ucla.edu/sites/default/files/LSC_fellowships2018.pdf)

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- Electronic access to back issues of ICON (published since 1995)
- ICOHTEC's electronic Newsletter (published monthly – available via mailing list and on the homepage)

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