

Italian Secretary of Industry, Commerce, and Artisanshp - Central Patent Office

Industrial Invention Patent No. 1196819 "Fuel System for Internal Combustion Engines"

Applied on December 5<sup>th</sup>, 1986, and issued on November 25, 1988, to Mr. Claudio Lombardi

Also called "Triflux" from the three distinct paths of flow, one for the intake and two for the exhausts. Air enters the combustion chamber from above through diagonally-opposed valves. The exhaust gas is discharged through two other diagonally-opposed valves and two separate exhaust manifolds. In order for the system to work efficiently, were designed camshafts that could actuate one intake valve and one exhaust valve at the same time. This design eliminated the "hot" and "cold" sides of the head; the heat is distributed more evenly, which reduces the chance of head buckling. This 4-cylinder engine had a capacity of 1,759 cc, two turbochargers, a "Triflux" intake & head, and the potential to vent up to 600 HP on gravel (over 800 HP on tar). It was displaced on a mid-mounted position in the carbon fiber chassis and kevlar of the Experimental Composite Vehicle, or ECV1 - the heir of the Lancia Delta S4. "Triflux" powered all four wheels through a rear mounted 5-speed gearbox and moving a curb weight of 930 kilograms. The ban on Group B (1986) by the FIA and the new limits imposed to the newborn Group S discouraged the serial development of the "Triflux", considered the best performing engine ever specifically engineered for racing in the World Rally Championship.

# Newsletter of the International Committee for the History of Technology - ICOHTEC

Editor: Francesco Gerali, The University of Oklahoma School of Library and Information Studies.  
Norman, OK, United States. Mail to fgerali@ou.edu

I. ICOHTEC	P.2
I.1 ICOHTEC 47 <sup>TH</sup> SYMPOSIUM, EINDHOVEN 2020	
<u>CALL FOR PAPERS EXTENDED</u>	P.2
I.2 ICOHTEC 48 <sup>TH</sup> SYMPOSIUM, PRAGUE 2021	
<u>CALL FOR PAPERS EXTENDED</u>	P.5
I.3 TURRIANO ICOHTEC PRIZE - 2020 CALL FOR APPLICATIONS	P.7
I.4 MAURICE DAUMAS PRIZE - 2020 CALL FOR APPLICATIONS	P.8
II. EXHIBITS: IMAGING WOMEN IN THE SPACE AGE - EXTENDED	P.9
III. PRIZES	P.10
IV. CONFERENCES, SEMINARS AND WORKSHOPS ANNOUNCEMENTS	P.11
V. CALLS FOR MANUSCRIPTS	P.13
VI. CALLS FOR PAPERS	P.15
VII. JOBS, POSTDOCTORAL POSITIONS, AND RESEARCH FELLOWSHIPS	P.21
VIII. JOIN ICOHTEC	P.28

## I. ICOHTEC

### I.1 ICOHTEC 47<sup>TH</sup> SYMPOSIUM, EINDHOVEN 2020 - CALL FOR PAPERS EXTENDED

# A History of Technology for an Age of Crisis

The International Committee for the History of Technology's 47<sup>th</sup> Symposium in Eindhoven, the Netherlands, 13 – 18 July 2020, Eindhoven University of Technology, TU/e

**The new deadline for proposals is January 31<sup>th</sup>, 2020**

<https://icohtec2020eindhoven.org/>

Technology and crisis are linked in multiple and paradoxical ways: although technological developments have precipitated many crises, technology has just as often been proposed as a proper way out. Resistance against new technologies (such as the 19<sup>th</sup> century Luddite movement or the 20<sup>th</sup> century anti-nuclear movement), subversive uses of mainstream technological solutions, and some instances of user-innovation and appropriation can be studied as indications of crisis as well as strategies to cope with crisis. In general, members of industrialized societies seem to have a very strong belief in technology and innovation as key to manage and solve crises: in case of the long lasting crisis of the 19<sup>th</sup> century, labeled the “Social Question”, there was demand for new technologies solving social problems as well as those of industrial health and safety. Although the expression is linked to 19<sup>th</sup> century, the Social Question is on display until today – now combined with the Environmental Crisis.

Politics mirror the paradoxical relation of technology and crisis: although democratic and authoritarian regimes, and political parties of very different stripes, might disagree fundamentally about the causes and nature of crises and the issues at stake, they have often converged in favoring technological solutions to major societal challenges. Attempts to deal with the Environmental Crisis (which is largely technology-made in the sense that anthropogenic climate change, biodiversity loss, and resource depletion followed the expansion of the human-built world) seems to follow a similar path: technological fixes are discussed, ranging from renewable energy, AI-based efficiency, sensor technologies, electric cars, smart homes, and other 'sustainable', 'responsible' or 'smart' innovations. Such approaches often sidelined non-tech solutions such as zero-growth. It remains an open question whether technology will provide solutions.

This raises the question if and how historians of technology should engage with present-day debates on the ambivalent roles of technology in today's global crisis—the so-called grand challenges to humanity, society, and the environment. The paradox of crisis and technology rises questions such as:

- In which way have crises influenced technological change, and conversely, how have technologies shaped crises?
- What's the role of technology to predict, avoid, or manage crises?
- How can we study the geography of crisis, taking into account transnational and (post)colonial relationships and global North-South interactions?
- In which way did different societies and societal groups cope with technology-related crises?
- How has the historic pursuit of innovation by technology companies and designers contributed to the creation of technological crises?

- What role(s) did protests and resistance against technology play in avoiding or managing technology-related problems or crises?
- How have media representations shaped narratives of technological crises and/or technological redemption?
- Do crises “reveal” how deeply technology is embedded in society?
- What (and whose) histories do the imaginaries and historiographies of technological crises highlight and obscure?

We invite sending in paper- and session proposals on technology & crisis for a broad range of historical periods, geographies, and crisis domains—including political conflicts, social and civil rights, colonial practices, health epidemics and health care, economic depressions, environmental disasters, and so on, along with the crises of collective identity that are often related to both technological crises and technological solutions. Contributions which examine the correlations of crisis and technology are welcome, as are case studies of specific technologically-related crises, and presentations which explore the implications and interconnections of technological crisis in media representation, art, and legislation for example. In Eindhoven, ICOHTEC will organize the usual Summer School on the same subject before the Symposium. Detailed information on the program, instructors, and travel grant in aid will be released soon. Beside contributions to the main theme of the symposium, paper and session proposals on different topics of the history of technology are welcome.

### **Proposal Guidelines**

The symposium welcomes scholarship on all periods of history and all areas of the globe, especially contributions from beyond Europe and the United States, and presentations on regions that have been less extensively covered by historians of technology. In keeping with a cherished tradition of the field, the meeting is open to scholars from all disciplines and backgrounds. The conference language is English. Although we invite to submit individual papers as well, priority will be given to proposals of whole sessions.

- INDIVIDUAL PAPER PROPOSALS MUST INCLUDE:

(1) a 300-word (maximum) abstract and

(2) a one-page (maximum) CV.

Abstracts should include the author’s name and email address, a short descriptive title, three to five key words, a concise statement of the thesis, a brief discussion of the sources, and a summary of the major conclusions. If you are submitting a paper proposal dealing with a particular subtheme in this CfP, please indicate this in your proposal. In preparing your paper, remember that presentations are not full-length articles. You will have no more than 20 minutes to speak, which is roughly equivalent to 8 double-spaced typed pages. For more suggestions about preparing your conference presentation, please consult the guidelines at the conference website <http://www.icohtec.org/w-annual-meeting/proposal-guidelines/>. Contributors are encouraged to submit full-length versions of their papers after the conference for consideration by ICOHTEC’s peer-reviewed journal *ICON*.

- PANEL PROPOSALS MUST INCLUDE:

(1) an abstract of the panel (300 words maximum), listing the proposed papers and a session chairperson;

(2) an abstract for each paper (300 words maximum);

(3) a one-page CV (maximum) for each contributor and chairperson.

Panels should consist of three or four speakers. Several panels may be organized on one topic. We encourage creating panels which examine history of technology in different parts of the world, enabling international comparisons, and contributing to an emerging transnational historiography. Please note, the programme committee reserves the right to make adjustments to proposed panels, relocating papers to different themes and/or adding papers to panels, as required.

**ICOHTEC webmaster designed two new tools to announce calls for panelists and to find interesting sessions; please visit:** <http://www.icohtec.org/forums/forum/find-your-panelists/> and <https://docs.google.com/document/d/1ldKBmBmMzr5lCyuwVnBZ-zSOWqx7kqOerglNxauqMwk/edit>

- **POSTER PROPOSALS MUST INCLUDE:**

(1) a 300-word (maximum) abstract; and

(2) a one-page CV.

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.

The programme committee also encourages submission of ALTERNATIVE FORMATS for sessions: round tables, the presentation of an important book or film, etc. If you wish to submit a proposal for a session in an alternative format, please contact the Chair of the Program Committee, Stefan Poser, [stefan.poser@kit.edu](mailto:stefan.poser@kit.edu). Please consider joining ICOHTEC. **Members of ICOHTEC pay reduced conference fees.** Additional benefits of membership and subscription information can be found at <http://www.icohtec.org/a-homepage-section/join-or-renew-icohtec/>

### **Proposal submissions**

The final deadline for all submissions is **January 31<sup>st</sup>, 2020**. Instructions on submissions can be found on our website: <http://www.icohtec.org/>. Please submit your session, individual paper, or poster, online: <http://www.icohtec.org/w-annual-meeting/eindhoven-2020/> The submission form will guide you through the submission process. If questions arise, please consult the pdf document 'Technical instructions', which can be found on the opening page of the submission form and downloaded.

### **The Program Committee**

Stefan Poser GE (Chair) [stefan.poser@kit.edu](mailto:stefan.poser@kit.edu)

Francesco Gerali IT

Jan Hadlaw CA

Stefan Krebs LUX

Jacopo Pessina IT

Thomas Schütz GE

Kamna Tiwary IND

Erik van der Vleuten NL

Artemis Yagou GE/GR

Magdalena Zdrodowska PL

## Giants and Dwarfs in Science, Technology and Medicine

The International Committee for the History of Technology will hold its 48th symposium as part of the 26th International Congress of the History of Science and Technology in Prague, Czech Republic, 25 – 31 July 2021 (ICHST) <https://www.ichst2021.org/>

**The new deadline for proposals is February 10<sup>th</sup>, 2020**

The general theme of the Congress is “**Giants and Dwarfs in Science, Technology and Medicine**” and ICOHTEC encourages proposals for sessions dealing with the history of technology within this broad framework. The programme committee offers the following sub-themes for the consideration of session organizers and contributors, but welcomes proposals on a wide spectrum of topics related to the general Congress theme in the context of history of technology.

1. Gender and Technological Systems
2. Class, Poverty, and Technology
3. Technology Usage by Minorities and Small States in a Global World
4. Migration and Transportation
5. Maintaining Technological Systems, Large and Small
6. Politics, Protest, and Big Technology
7. Technological Teams
8. Global Military Technologies and Societies
9. Art and Play – Technologies and Protest
10. Environmental Change and Energy Systems
11. Assistive Technologies and (Dis)ability Studies
12. Sustainability and Economies of Scale
13. Traditional Engineering and new IT Technologies
14. Workers in Post-industrial Society
15. Medical Technologies

We urge contributors to organize a **full session** of three papers, or multiple related sessions of three papers each, with a named chair for each session. Session organizers should reflect diversity and, consistent with the diversity of this international conference ICHST has asked that there be **two organizers from different countries for each session**. Individual paper submissions may be considered if deemed appropriate, but **full sessions are strongly preferred and will be given priority**. The programme committee encourages the organizers of sessions to announce their plans to compile sessions and communicate with potential collaborators through H-NET and other networks such as social media. ICOHTEC offers to publish an organizer’s call for an ICOHTEC session on our conference page (send them directly to [s.lotysz@gmail.com](mailto:s.lotysz@gmail.com)). Calls concerning any topic of HoT are welcome. It is also possible to propose sessions unrelated to the general Congress theme. We especially encourage graduate students and early career researchers to participate in the symposium and submit their proposals. Limited travel grants will be available; for further information go to: <http://www.icohtec.org>.

**SESSION** proposals must include: (1) an abstract of the session (350 words maximum), listing the proposed papers (see individual paper proposal guidelines below), the **two organizers from**

**different countries** and the chairperson; (2) abstracts for each paper (250 words maximum); (3) a **one-page CV (maximum)** for each contributor and chairperson. Sessions should consist of at least one set of presentations (90 minutes time slot) and they may include three or four papers in each, which might extend to a series of successive sections over more than one day. Each individual section should have a chairperson. Proposing a commentator – instead of the fourth presenter – is also possible. The programme committee reserves the right to relocate papers to different themes and add papers to sessions. We also encourage proposing roundtables and other “new” as well as innovative, experimental session formats. Whatever the session format will be, organizers and chairs are expected to reserve enough time for general discussion between the presenters and audience. Individual paper abstracts should include the author’s name and email address, a short informative title of the paper, a concise statement of the thesis, a brief discussion of the sources, and a summary of expected conclusions. In preparing your paper, remember that presentations are not full-length articles. You will have no more than 15-20 minutes speaking time, which is roughly equivalent to 6-8 double-spaced typed pages. Contributors are encouraged to submit full-length versions of their papers after the congress for consideration by ICOHTEC’s journal *ICON*. If you are submitting an independent paper proposal dealing with a particular sub-theme, please indicate this in your proposal.

#### **PROPOSAL SUBMISSIONS**

Submit all session and individual paper proposals to: [www.prague2021.icohtec.org](http://www.prague2021.icohtec.org).

The final deadline for all submissions is **February 10<sup>th</sup>, 2020**. Please check updated instructions on submissions at our website: <http://www.icohtec.org/>. Please pay close attention to the instructions, particularly the word length of submitted documents. **Please note that this date is only 10 days later than the submission date for the 2020 ICOHTEC Eindhoven proposals. Because of the complex nature of organizing so large a meeting, this call for papers has an unusually early deadline.**

**ICOHTEC webmaster designed two new tools to announce calls for panelists and to find interesting sessions; please visit:** <http://www.icohtec.org/forums/forum/find-your-panelists/> and <https://docs.google.com/document/d/1ldKBmBmMzr5lCyuwVnBZ-zSOWqx7kqOerglNxauqMwk/edit>

#### **PROGRAMME COMMITTEE:**

Susan Schmidt Horning, Chair (USA)

Florian Bettel (Austria)

Roberto Cantoni (Spain)

Jiri Janac (Czech Republic)

Fanxiang Min (China)

Peeter Mürsepp (Estonia)

Jan Musekamp (USA)

Jaroslav Svelach (Czech Republic)

Ewelina Twardoch (Poland)

Ruth Schwartz Cowan (USA)

### I.3 TURRIANO ICOHTEC PRIZE - 2020 CALL FOR APPLICATIONS

The Turriano ICOHTEC Prize is an Early Career Prize for Books on the history of technology, 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 Eindhoven, The Netherlands, from 13-18 July 2020. 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 in the early parts of their career. Articles and edited anthologies are not eligible. If the work is a Ph.D. thesis, it should have been accepted by your university in 2018 or 2019; if it is a published work, the year of publication should be 2018 or 2019. For the ICOHTEC Prize 2020, 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 submission must be emailed no later than Friday, 1 February 2020.** Please also include an abstract of no more than a half-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. 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. Any materials sent to the prize committee will not be returned. Send a complete application by email to each of the following **Prize Committee members**:

**Prof. Ernst Homburg** , Prize Committee Chairperson

Maastricht University, Department of History  
Faculty of Arts and Social Sciences, P.O. Box 616  
6200 MD Maastricht, The Netherlands  
[e.homburg@maastrichtuniversity.nl](mailto:e.homburg@maastrichtuniversity.nl)

**Dr. Irina Gouzevitch**

Centre Maurice Halbwachs, ESHES-CRNS-ENS  
École Normale Supérieure, 48, boulevard Jourdan  
75014 Paris, France  
[irina.gouzevitch@ens.fr](mailto:irina.gouzevitch@ens.fr)

**Prof. Per Lundin**

Chalmers University of Technology, Div. of Science, Technology and Society  
Dept. of Technology Management and Economics, SE - 412 96 Gothenburg, Sweden  
[per.lundin@chalmers.se](mailto:per.lundin@chalmers.se)

**Dr. Darina Martykánová**

Universidad Autónoma de Madrid, Departamento de Historia Contemporánea



Facultad de Filosofía y Letras, Campus de Cantoblanco  
28049 – Madrid, Spain  
[darina.martykanova@uam.es](mailto:darina.martykanova@uam.es)

**Dr. Klaus Staubermann**  
ICOM Germany  
In der Halde 1  
14159 Berlin, Germany  
[staubermann@icom-deutschland.de](mailto:staubermann@icom-deutschland.de)

#### **I.4 MAURICE DAUMAS PRIZE - 2020 CALL FOR APPLICATIONS**

The Maurice Daumas Prize for papers on the history of technology is sponsored by the [Université de Technologie de Belfort-Montbéliard](#) (UTBM), France, and consists of 500 Euro. Each year the prize-winning article is presented and discussed at a special session of the ICOHTEC symposium immediately following the award. An additional 300 Euro is available to the winner in support of traveling to the conference to receive the prize. The prize 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 last two consequent years. 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.

#### **Call for submissions 2020**

ICOHTEC, welcomes submissions for the *Maurice Daumas Prize* for 2020. Eligible for the prize are original articles published in 2018 or 2019. 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 2020**. **Electronic submissions are preferred**. The winner will be contacted in late April 2020. The prize will be awarded at our 47<sup>th</sup> Symposium, to be held in Eindhoven, The Netherlands, in summer 2020 (13-17 July). The winner will receive a cash prize of Euro 500 as well as a travel grant up to 300 Euro (if needed) to attend the ICOHTEC Symposium, which will feature a special panel organized around the winning article.

#### **PRIZE COMMITTEE**

**Maria Elvira Callapez**, Pl. Dr., [Prize Committee Chairperson],  
CIUHCT, Faculdade de Ciências, Universidade de Lisboa, **Portugal**  
E-mail: [mariaelvira.callapez@gmail.com](mailto:mariaelvira.callapez@gmail.com)

**Antoni Roca-Rosell**, Dr.  
[Universitat Politècnica de Catalunya](#)  
Barcelona, Catalunya, **Spain**  
E-mail: [antoni.roca-rosell@upc.edu](mailto:antoni.roca-rosell@upc.edu)

**Eike-Christian Heine**, Dr.  
Technische Universität Braunschweig, **Germany**  
E-mail: [eikechristian.heine@googlemail.com](mailto:eikechristian.heine@googlemail.com)

**Laurent Heyberger**, Dr.  
Université de technologie de Belfort-Montbéliard (UTBM), **France**  
E-mail: [laurent.heyberger@utbm.fr](mailto:laurent.heyberger@utbm.fr)

**Liliia Zemnukhova**, PhD  
Sociological Institute of the Russian Academy of Sciences (SI RAN), St. Petersburg,  
**Russian Federation**  
E-mail: [l.zemnukhova@gmail.com](mailto:l.zemnukhova@gmail.com)

**Lino Camprubí**, Dr.  
Universidad de Sevilla, Facultad de Filosofía, **Spain**  
E-mail: [lcamprubi@us.es](mailto:lcamprubi@us.es)

## **II. EXHIBITS: IMAGING WOMEN IN THE SPACE AGE: EXTENDED**

***Imaging Women in the Space Age***  
**New Art Exhibition on View at the New York Hall of Science**  
**July 13, 2019– March 29, 2020**

Exhibit Curator Julie Wosk, Professor Emerita, State University of New York,  
Maritime College, Queens, NY. [jwosk@sunymaritime.edu](mailto:jwosk@sunymaritime.edu)  
<https://nysci.org/imaging-women-in-the-space-age/>

Dr. Julie Wosk, Professor Emerita at SUNY Maritime College in Throggs Neck, NY reports that her exhibit “Imaging Women in the Space Age” at the New York Hall of Science in Queens, NY has now been extended until **March 29, 2020**. After that, it will be available to travel. She has also written an essay on this topic which will appear in an upcoming book on the cultural and political impact of the Apollo 11 lunar landing. For further information about the exhibit contact [jwosk@sunymaritime.edu](mailto:jwosk@sunymaritime.edu).

July 2019 marks the 50th anniversary of the Apollo 11 lunar landing, and to help celebrate, the New York Hall of Science (NYSCI) is presenting a new exhibition *Imaging Women in the Space Age*, curated by Dr. Julie Wosk, Professor Emerita at SUNY Maritime College and author of *Women and the Machine*. The exhibit runs from July 13 – November 3, 2019. The exhibition showcases the achievements of America’s pioneering female astronauts and highlights the fascination with space women in movies, television, advertising, fashion design and today’s toys. From the earliest moon goddesses to today’s galactic fashions, visions of females in space have sparked the creative imagination. On display in the museum’s gallery are vintage and current images of female space travelers in television shows like *Lost in Space* and *Star Trek*, photographs of space-inspired fashions including Pucci’s designs for Braniff Airlines flight attendants and Chanel’s 2017 futuristic dresses, and screenshots from films like *barbarella*, which starred Jane Fonda and *Gravity*, which starred Sandra Bullock. The exhibition reminds us of the groundbreaking achievements of pioneering

astronauts with photographs of Sally Ride, America's first woman in space, Mae Jemison, America's first African-American female astronaut, and Ellen Ochoa, America's first Hispanic woman to go into space. Also on view are photographs of astronaut Dr. Ellen K. Baker, who grew up in New York City and is the daughter of former Queens Borough President Claire Shulman. The exhibition also reflects a world where important changes are underway as more and more women are participating in NASA's space program as astronauts and as aeronautical engineers. It reveals innovative new developments in space suits specifically designed for women. *Imaging Women in the Space Age* is part of the museum's Space Out Summer, a season filled with flight and space-themed exhibits, workshops, demonstrations, installations and a new film, all to celebrate the 50th anniversary of the Apollo 11 mission.

**Further Contact:** Mary Record, New York Hall of Science, [mrecord@nysci.org](mailto:mrecord@nysci.org), 718-595-9123

### III. PRIZES

[History of the Human Sciences](#) – the international journal of peer-reviewed research, which provides the leading forum for work in the social sciences, humanities, human psychology and biology that reflexively examines its own historical origins and interdisciplinary influences – is delighted to announce its new annual prize for early career scholars. The intention of the award is to recognise a researcher whose work best represents the [journal's aim](#) to critically examine traditional assumptions and preoccupations about human beings, their societies and their histories in light of developments that cut across disciplinary boundaries. In the pursuit of these goals, *History of the Human Sciences* publishes traditional humanistic studies as well work in the social sciences, including the fields of sociology, psychology, political science, the history and philosophy of science, anthropology, classical studies, and literary theory. Scholars working in any of these fields are encouraged to apply.

Scholars of any nationality who have either not yet been awarded a PhD or are no more than five years from its award are welcome to submit entries. The judging panel will use the definition of "active years", with time away from academia for parental leave, health problems, or other relevant reasons not counting towards the definition of eligibility. The winner of the prize will be awarded £250 and have their essay published in *History of the Human Sciences*.

Scholars who wish to be considered for the award are asked to submit an up-to-date CV (a maximum of two pages in length and including a statement that confirms eligibility for the award) and an essay, based on original research, that is a maximum of 12,000 words long (including footnotes and references) to [hhs@histhum.com](mailto:hhs@histhum.com) by **31<sup>st</sup> January 2020**. For more details about the award, including submission guidelines, please see the full call for entries on [History of the Human Science's website](#).

#### García-Diego International Prize

The Fundación Juanelo Turriano announces the 10th edition of its García-Diego International Prize, worth 12,000 euros, for research in any of the branches of the history of technology. The prize is open to any individual or group submitting an original, unpublished paper in Spanish. The deadline for submissions is **20 January 2020**. [See rules](#) (In Spanish)

#### IV. CONFERENCES, SEMINARS, AND WORKSHOPS ANNOUNCEMENTS

##### ***A History of Technology for an Age of Crisis***

The International Committee for the History of Technology's 47th Symposium in Eindhoven, the Netherlands, 13 – 18 July 2020, Eindhoven University of Technology, TU/e

##### **Roundtable proposal *Plastics and their controversies***

Nowadays the plastics have been demonized! However, we can't simply ban all plastics but to start using them rightly. "Plastics are everywhere and yet we take them for granted. They keep us safe through medical devices, they keep food fresh and hygienic through packaging, and they are an essential part of making airplanes fly".

We are looking for contributors for a potential roundtable on "Plastics and their Controversies". If you are interested, please contact Maria Elvira Callapez at [mariaelvira.callapez@gmail.com](mailto:mariaelvira.callapez@gmail.com) by **25th January 2020**.

Thank you very much

Maria Elvira Callapez, PI, PhD History of Science and Technology CIUHCT-FCUL, Portugal

##### ***Darwin's use of statistics to develop his theory of evolution***

**A PhilInBioMed seminar, February 7th 2020, 14h30-16h00**

**Centre de Génomique Fonctionnelle, Salle de réunion Sud, Bordeaux, France**

**André Ariew (University of Missouri, USA)**

André Ariew is Associate Professor in the Philosophy Department at the University of Missouri (USA). When Karl Pearson asked Francis and Leonard Darwin whether their father was aware that the theory of natural selection is applicable to statistical analysis, they responded that their father had a 'non-statistical' mind. Ever since, commentators and biographers have perpetuated this false impression of Darwin's shortcomings. In fact, Darwin applied various forms of statistical analyses to develop his theory of natural selection. In the first instance (1850s) Darwin applied a unique form of botanical arithmetic (developed in correspondence with his neighbor John Lubbock) to find evidence of speciation in action. As a result, Darwin overturned his previous convictions about the nature of adaptations, the dynamics of natural selection, and the origin of species and other higher taxa. In Darwin's second instance (1873) Darwin applied the normal distribution to explain how rudimentary features could possibly evolve, (in particular the evolution of complimentary males in certain cirripedes). Darwin's use of the normal distribution to explain the workings of evolution by natural selection predates by decades the development of the Modern Synthesis statistical formulations of evolutionary theory. In light of these works we ought to cede to a completely revised view of Darwin's statistical abilities.

##### **The Futures of STS in Engineering and Polytechnic Universities**

The Center for STS at Missouri S&T (Rolla, Missouri) is hosting a symposium on April 17, 2020 entitled "The Futures of STS in Engineering and Polytechnic Universities." We have invited a number of STS scholars who will ask and answer questions such as: What does the future of STS look like in engineering and polytechnic universities? In such STEM-focused environments, where STS scholars often operate independently and without a central STS department or program, how can STS researchers maximize their impact on the education of undergraduate and graduate students, as well as on the original research conducted by (and often financially supported by) colleagues in

engineering departments? How can STS researchers become indispensable to engineering and scientific research endeavors without being perceived as simply support personnel? Assembling convergent research teams to tackle important social and scientific challenges is an acknowledged best practice, so how should STS researchers embrace convergent research endeavors in order to add value and lead inquiries into areas of new and developing knowledge? We hope you can join us! Registration is open and free, but space is limited. See <https://csts.mst.edu/> for more information, to see the day's schedule and to register. If you have questions, please contact us at [stcsts@mst.edu](mailto:stcsts@mst.edu)

### **Third Workshop on Scientific Archives / European XFEL, Hamburg, DE / 30 June-1 July 2020**

Proposals are now being accepted for the Third Workshop on Scientific Archives,

([https://www.xfel.eu/index\\_eng.html](https://www.xfel.eu/index_eng.html))

Proposed topics include (but are not limited to):

- ✦ Collaborating with scientists to capture contemporary scientific material
- ✦ Using scientific archives for outreach and education
- ✦ Using and re-using archival resources in current science
- ✦ Enabling access to scientific records
- ✦ Describing technical and scientific archives
- ✦ Managing and archiving research data
- ✦ Exploring the role of archives and records in open science
- ✦ Capturing diversity in institutional archives
- ✦ Scientific archives in a "post-truth" world
- ✦ Diversity and inclusion in STEM // Diversity and inclusion in archives

Papers are to be 20 minutes. Please submit a 400-word abstract using the following form

by **Friday 31 January 2020**: <http://tiny.cc/e888cz>

More information can be found at: <https://www.embl.de/aboutus/archive/working-with-scientific-archives/workshop/>. Organized by the Committee on the Archives of Science and Technology (<https://www.ica.org/en/committees>) of the International Council on Archives, Section on University and Research Institution Archives (<https://www.ica.org/en/suv>)

### **Manchester CHSTM Research Seminars 2020**

This is to present the speakers for the upcoming seminar series at the Centre for the History of Science, Technology, and Medicine (CHSTM), University of Manchester. Please find the programme for the 2019–20 academic year below. CHSTM seminars will be held fortnightly on **Tuesdays at 4pm** in **2.57 Simon Building**, with tea and biscuits from 3.30 pm – unless otherwise indicated. All are welcome! Please pass this on to interested colleagues/students. If you have any questions, please direct them to myself, Tom Quick ([thomas.quick@manchester.ac.uk](mailto:thomas.quick@manchester.ac.uk)) or Pratik Chakrabarti ([Pratik.chakrabarti@manchester.ac.uk](mailto:Pratik.chakrabarti@manchester.ac.uk)).

### **Calendar of the Seminars**

28 January, **Vanessa Heggie** (University of Birmingham). *Higher and colder: A history of extreme physiology and exploration*

11 February – 7 pm, venue TBC – Joint event with the Manchester Museum. **Angela Saini** (writer & journalist). *The return of race science*

25 February, **Beatriz Pichel** (De Montford University). *Photography and the making of modern medicine in France, 1860–1914*

10 March, **Laura Tisdall** (Queen Mary's, University of London). 'Just a stage I'm going through': *Lesbian and gay adolescents, developmental psychology, and psychoanalysis in Britain, c. 1950–1990*

24 March, **Caitjan Gainty** (King's College, London). *Healthy skepticism*

21 April, **Sarah Marks** (Birkbeck, University of London). 'Brainwashing for benevolent purposes'? *Historical reflections on behavioural therapy from the Cold War to CBT*

5 May, **Cornelius Borck** (University of Lübeck). *Changing approaches to visualization in brain research: A case study based on the Max-Planck Society*

## V. CALL FOR MANUSCRIPTS

### [Diplomacy and the Natural Environment \(journal special issue\)](#)

For this special issue of *Diplomatica* we invite proposals for essays on aspects of diplomacy's relationship to the natural environment. Essays may cover any historical period up to the present-day. The central questions that this special issue poses are:

How does the natural environment condition, cause, or complicate diplomatic action?

How does diplomacy affect relations between humanity and nature?

How has 'nature' been used in theory and in practice to further or cast into question diplomatic relations?

Possible topics include:

- Plant, animal, and mineral specimens as objects and/or subjects of diplomatic exchange;
- The relationship of concepts and/or metaphors of natural order, the state of nature, etc. to diplomacy;
- Negotiations relating to the environment, climate change, conservation, etc.;
- Visual, literary, musical, and cinematic depictions of nature in diplomatic contexts;

Please send expressions of interest, with abstracts of 500 words and a brief bio-note to the issue editors, [newdiplo@gmail.com](mailto:newdiplo@gmail.com) by 15 February 2020. Please quote 'Diplomacy and the Natural Environment' in the subject line.

Notification of acceptance will be no later than 15 March 2020. If accepted, full essays (of 7000 to 9000 words) will be due by 15 January 2021.

Review-essays and interviews pertinent to the special issue are also very welcome. Please contact the journal editors with any questions.

Contact Info: [newdiplo@gmail.com](mailto:newdiplo@gmail.com)

URL:

<https://brill.com/view/journals/dipl/dipl-overview.xml>

### **Essays in History 2020 (Articles, Book Reviews, and Historiographical Essays)**

Essays in History (EiH), the annual peer-reviewed journal of the University of Virginia's Corcoran Department of History, is currently soliciting articles, book reviews, and historiographical essays for its fifty-third issue, to appear in the fall of 2020. EiH is a journal for emerging scholars that has been staffed and published by graduate students at the Corcoran Department of History since 1954. Each year EiH publishes peer-reviewed articles and historiographical essays in all fields of history, as well as reviews of the most recent scholarship. In recent years, EiH has published the work of scholars from leading universities in the United States and around the world. The deadline for submissions is March 1, 2020. Article submissions should include a copy of the author's curriculum vitae and an abstract of roughly one hundred words in length. Authors interested in submitting book reviews and historiographical essays should provide a current curriculum vitae and contact the journal prior to their submission in order to confirm the monograph to be reviewed. For additional submission guidelines see <http://www.essaysinhistory.com/submissions/>. If you have questions after reviewing the submission guidelines, please email us at [essays\\_in\\_history@virginia.edu](mailto:essays_in_history@virginia.edu)

### ***Inquiry. An Interdisciplinary Journal of Philosophy***

#### **Special Issue: "Foundational Issues in Conceptual Engineering"**

Guest Editors: Manuel Gustavo Isaac (University of Barcelona) & Steffen Koch (Ruhr University Bochum). Invited Contributors: Catarina Dutilh Novaes (Vrije Universiteit Amsterdam), Édouard Machery (University of Pittsburgh), Amie Thomasson (Dartmouth College). This special issue (S.I.) is dedicated to one of contemporary's hottest topics in metaphilosophy — conceptual engineering. Conceptual engineering is a method which aims at improving, rather than just describing, the representational tools we use in theoretical or practical contexts. More specifically, the S.I. aims to foster discussions about the theoretical foundations of conceptual engineering. What kind of objects does conceptual engineering operate on? What does it mean to 'engineer' them? And is the popular metaphor of 'engineering' concepts even appropriate? Naturally, how one answers these questions depends on one's prior theoretical commitments. The S.I. thus provides a platform for explicating crucial foundational issues in conceptual engineering. The topic of the special issue is how the method of conceptual engineering should generally be construed; in particular, we are less interested in specific suggestions for how to ameliorate this or that concept. Viable topics thus include, among others: What is the relevance of metasemantic theorizing to conceptual engineering? How does conceptual engineering look like from an internalist/externalist perspective? Does conceptual engineering operate on an individual or a communal level? How are the two connected? Does conceptual engineering operate on mental or linguistic objects? Again, how are the two connected? How should we construe the goals of conceptual engineers? What is a good method to achieve these goals? How does conceptual engineering relate to other philosophical methods? Is conceptual engineering even feasible? Papers should be prepared for anonymous review, no longer than 8,000 words, and submitted via <https://mc.manuscriptcentral.com/inquiry>. **The deadline is January 31, 2020.** For further information, please contact: Manuel Gustavo Isaac, [isaac.manuelgustavo@gmail.com](mailto:isaac.manuelgustavo@gmail.com) and Steffen Koch, [steffen.koch@rub.de](mailto:steffen.koch@rub.de).

### **Vision Loss through Many Lenses: Insights from Myth, Media, Music, Medicine & More**

While vision loss directly concerns medical and mental health professions, this theme also attracts the attention of artists and scholars from many disciplines. This collection falls under the rubric of

"medical humanities" and includes essays on vision loss or blindness in visual arts, literature, music, comics, film, myth, history, religion, philosophy, sociology and more--but it does not include medical or mental health issues per se. Some topics are already accounted for but open topics include memoirs by persons who lost their vision; masculinity in blind samurai warrior series; blindness as a metaphor for color-blindness in Civil Rights era films; music by and about blind persons; why groups such as Blind Boys of Alabama proliferated in Southern U.S.A.; disability debates invoked by Oliver Sack's *Island of the Colorblind*; dance by or about persons w/ visual loss; portrayals of vision-impaired females in film; poetry by or about vision-impaired persons; Catholic/Protestant/Hindu/Muslim/Jewish attitudes toward vision loss; healing shrines and patron saints and miracle cures for vision loss; East Asian attitudes toward vision loss; philosophical debates about blindness and cognition; etc. We are open to other innovation ideas. If you are uncertain if your topic is still available, pl send a short 1-2 sentence query plus a short bio. Otherwise, please send a short precis of 200-400 words along with a short bio &/or resume. Abstracts due 12-15-19. Papers of 3,000-4,000 words (w/ 5-15 citations) in University Chicago style due **June 1, 2020** (first draft). Final drafts due August 30, 2020. Remuneration includes 1 book/essay. This essay collection is already in contract with a respected academic publisher. Contact Info: [drsharonpackermd@gmail.com](mailto:drsharonpackermd@gmail.com), add VISION LOSS through MANY LENSES in subject.

## VI. CALLS FOR PAPERS

### *Petrocultures 2020: Transformations*

**Norwegian Petroleum Museum, Stavanger, Norway, 26-29 August**

We live in turbulent times, and the role of petroleum is at the heart of global and local political debate. Indeed, a transition to a world without oil as its primary source of fuel and energy is needed if we want to reach the international climate targets, but the feasibility, realism and not least timing is strongly debated. Oil will indeed come to an end, but whether the closing date is set by emptied reservoirs, greener alternatives, or political decisions, is still to be determined. Recognizing that the "age of oil" is being challenged, *petrocultures2020* invites scholars and artists, journalists and activists, politicians and business actors to critically engage in the debate and the alternatives. The conference will be held at the Norwegian Petroleum Museum and a nearby conference venue in Stavanger, the energy capital of Norway.

In *petrocultures 2020* we will host presentations, exhibits and conversations regarding the transformations needed to influence the transition from our current culture and dependency on oil. Looming over these discussions we recognize the wealth and progress enabled by our exploitation and use of oil. We acknowledge the technical and structural solutions developed and renewable transitions initiated by parts of the petroleum industry. We also observe the linkages that exist between the burning of fossil fuels, human induced climate change and differing levels of socio-environmental conflict. We thus emphasize oil's dual role as the basis of prosperity and implication in environmental destruction and global conflict. Accepting this we aim to create a forum for a constructive exchange about the way green transition initiatives are narrated – including the way oil is narrated in the past, present and future – across social and political divides. It is also of interest to investigate how the petroleum industry can/will be a part of this transition, and what consequences the transition will have for the workers presently depending on the



industry. Worker participation in the industry has historically and may well also in the future be a central aspect to reduce the inherent conflicts of a transition. Under the banners of 5 thematic sections, petrocultures2020 seeks to advance conversations about the multiple dimensions of oil. We do so, recognizing that oil is not only as a source of energetic power, but of political, economic and social power. It is in this light we question oil's significance and remaining power in an era of impending transformation.

### Themes

**oil: narratives.** From fairy tales to curses, from celebratory tales of pioneers to dismal accounts of victims, oil has inspired contrasting narratives around the world. These encompass origins, belonging, identity, progress and development, for oil has been rendered in ways that matter to not only oil companies and governments, but to most people on the planet. It has helped found our world and continues to modulate it, establishing not only the present of the people of the world, but also their past and future. This section invites scholars to engage with oil as a catalyst for narratives that have framed nations, corporations, groups and individuals. We seek contributions that grapple with the forms that narratives take around oil, that ponder how they shape history and the ways in which they shape imaginaries of post-petroleum worlds.

**oil: nature.** Oil has served as the main catalyst for the 20th century's economic growth and exploitation of natural resources. Oil has re-defined our relationship to and understanding of the nature-culture divide. Extractive frontiers have continuously expanded, inspiring the recent scientific proposal that we are now living in a new geological epoch in which humans have left an indelible impact on the planet i.e. the Anthropocene. In this section we invite papers and presentations that seek to explore this symbolic proposal and the possibility of it signalling the need for a profound change in human-nature relations. We wish to encourage thought and discussion of its impacts on personal identity, and ramifications for how we address pollution, social justice, public health and rights to land, water streams and seascapes.

**oil: conflict.** Numerous historical and contemporary events – from the Chaco War to recent Saudi bombings in Yemen – remind us that oil has been and remains a catalyst of conflicts. International wars, civil war, criminal violence and varying forms of socio-environmental contestation are linked to control of oil production, indicating oil's influence across scales and temporalities. We invite scholars to reopen and reframe taken-for-granted assumptions about the resource curse, and to consider anew the significance of oil in geopolitics, economic development and alliances over extractive energy sources. We provide a space for scholars who work on violent contexts and aim to attract analysts who focus on the dynamics of militancy and alternative forms of socio-political and legal action to question oil governance. While inviting papers that reveal the inner workings of large-scale conflicts, we also anticipate papers that unpack how social movements and community campaigns oppose, benefit and tame oil production and exploration – frequently in the face of repressive prosecution and potential assassination.

**oil: work.** While scholarship on the petroleum industry is vast, research on oil workers and their communities is rather limited. Yet, oil workers are intrinsic to an understanding of oil cultures as well as the politics of oil. Their history is as old and tortuous as the history of commodified oil, hence this section invites papers that analyse the embedding of labour histories of oil in wider global histories of labour. On the one hand, oil workers are relatively few and difficult to organise, considering the economic and technological intensity of the petroleum industry and the physical infrastructure, on the other, oil workers and their organisations have played important roles in democratic transitions and economic struggles. Papers on all kinds of cultural and political

expression of oil, work and workers are welcome, as are those that tackle how oil workers constitute themselves as groups and in trade unions, how their work schedules influence their social lives, and how their trade interacts with their situated social status. We open for discussions and exploration on the role of workers in the petroleum industries in a green transition. **oil: visions** invites all papers that plumb visions of the cultural and historical transformations wrought by the oil industry, and interrogate transformations away from oil based societies. These visions can be artistic, critical or otherwise creative, and can refer to the past, present, or future, including solarpunk and post-apocalyptic visions of desirable futures. We welcome contributions that explore how literature, film, the visual arts, and other narrative and aesthetic forms of expression render visible phenomena around oil and the many transformations that exist in ontological kinship with it. Papers will draw out how the arts visualize, channel and evoke concerns and enthusiasm about justice, progress, technology, ecology, prosperity, scarcity, abundance and capital in an age of transformation. Ingrained and reflected here is the vital question of how visions of oil – past, present and future – shape the politics of transformation in the present.

#### Submission details

Individual Papers: Please submit a 400 word (max) abstract that identifies the themes your paper responds to along with a 200 word (max) bio by 20 January 2020. Pre-Formed Panels, Workshops, or Roundtables: Please submit a two page panel description that identifies the themes the panel responds to as well as the institution, research group, or network organizing the panel, workshop, or roundtable by 03 January 2020 (DEADLINE EXTENDED). Panels must also include 250-word abstracts and brief bios for the individual papers that comprise the panel. Announcements regarding conference costs, virtual participation and potential funding will be announced through the listserv and on the conference website in the near future. All submissions and inquiries can be sent to the organizers' email: [petrocultures2020@gmail.com](mailto:petrocultures2020@gmail.com)

#### Confirmed Keynotes

Stephanie LeMenager, Barbara and Carlisle Moore Professor of English and Environmental Studies, University of Oregon

Cyril Obi, Program Director for the African Peacebuilding Network (APN) and the Next Generation Social Sciences in Africa program

Michael Watts, Professor Emeritus of Geography and Development Studies at the University of California, Berkeley

Gisa Weszkalnys, Associate professor of Anthropology, London School of Economics

#### About the Venue

The Norwegian Petroleum Museum in Stavanger provides a modern, interactive setting for experiencing how oil and gas were created millions of years ago, how petroleum is found and how it is used. Original objects, models, films and interactive exhibits convey the history of oil operations on the Norwegian continental shelf since the mid 1960ies.

Follow updates on the petrocultures2020 dedicated website:

<https://petrocultures2020.wixsite.com/transformations>

Jordan B. Kinder, PhD

Research Director

Petrocultures Research Group

Futures Energy Systems, University of Alberta

[jkinder@ualberta.ca](mailto:jkinder@ualberta.ca)

**42nd History of Technology Conference**  
**Raw Materials. Natural Resources in History**  
Iron Library - [www.eisenbibliothek.ch](http://www.eisenbibliothek.ch)

The 42nd History of Technology Conference will be held at the Kloostergut Paradies in Schlatt near Schaffhausen, Switzerland on 13 and 14 November 2020. The Conference has served as an outstanding platform for the exchange of ideas between research, teaching and industry since 1978. The speakers and the invited guests come from universities, libraries, collections and museums or contribute their business and industrial experience. The conferences are renowned for the breadth and topicality of the papers presented. You can find information on previous conferences at: [www.eisenbibliothek.ch](http://www.eisenbibliothek.ch). This international and interdisciplinary event is organized by the Iron Library (Eisenbibliothek), Foundation of Georg Fischer Ltd. Responsibility for the content of the conference is in the hands of a scientific advisory board consisting of Dr. Gisela Hürlimann (ETH Zurich), Prof. Reinhold Reith (University of Salzburg) and Prof. Friedrich Steinle (TU Berlin). We kindly invite interested persons involved in research, teaching and practice to apply to present a paper.

**Conference topic in 2020: Raw Materials. Natural Resources in History**

The extraction of materials from the natural environment is the first step in a wide range of technical and economic processes. From industrial corporations and construction companies, to financial services and medicine – virtually all aspects of economic and everyday life are involved in raw material cycles. Raw materials are dug out of the earth, blasted out of stone and pumped out of the seas; they are extracted from plants and culled from animals. These resources are then dissolved, prepared, chemically altered and recombined to be widely used and further transformed, or indeed wasted. Conflict over the use – and overuse – of natural resources has likely been entwined with human history since the earliest settlements. The 20th century has witnessed a dramatic rise in resource consumption, especially since the 1950s. The globalized economy's boundless hunger for natural resources and the recent debates on the Anthropocene"

have significantly increased scientific attention given to raw materials as the material basis of our society. The conference aims to tie in with this agenda. It invites researchers to present papers on procedures of exploitation, refining and removal, on modes of prospecting and extraction, on trade, transport and processing, or also on the production of waste and emissions as well as on recycling of coal, gold, oil, copper, rare earths or other natural resources, in addition to plant- and animal-based starting materials. While approaching the subject from a history of technology angle, the conference also welcomes perspectives from corporate and global history, as well as archaeology, environmental and social history. Coal, for instance, was not simply a key resource for industrialization; its extraction altered landscapes, shaped societies and cultures, and has been in part responsible for increases in carbon dioxide levels in the atmosphere. Palm oil, which has replaced other oils and fats in foods, soap or in energy and metal production, raises issues of colonial and agrarian entanglements, well beyond its role for a history of technology. These examples illustrate the wide-ranging potential to historicize natural resources from antiquity to contemporary history. We also encourage contributions on non-European cases. The conference languages are both English and German.

**Format**

The papers may be read in English or in German. Conference documents including English abstracts of all papers will be prepared by the organizer. The papers should not exceed 20 minutes in length. Following the conference, papers will be published in the specialized journal *Ferrum*.

## Synopsis

Applicants are kindly invited to submit a synopsis of their paper – no longer than 3'000 characters (400 words) – in English or German, along with an up-to-date resume, by 31 January 2020 to the Head of the Iron Library, lic. phil. Franziska Eggimann ([franziska.eggimann@georgfischer.com](mailto:franziska.eggimann@georgfischer.com)).

## Organizational matters

The Iron Library, Foundation of Georg Fischer Ltd, will assume speakers' travel expenses and the cost of room and board during the Conference. We expect that speakers will attend the entire Conference.

## Timelines

We request you to submit your synopsis by 31 January 2020.

The selection of the speakers will be completed by the end of March 2020.

## Contact person

Franziska Eggimann

Head Iron Library and Corporate Archivist Georg Fischer Ltd

[franziska.eggimann@georgfischer.com](mailto:franziska.eggimann@georgfischer.com)

[www.eisenbibliothek.ch](http://www.eisenbibliothek.ch)

## 2020 History of Economics Society (HES) Conference

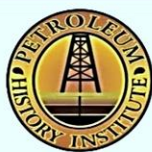
Utrecht University Hall, Netherlands, 18-21 June 2020

The annual HES Conference will take place at the Utrecht University Hall in Utrecht, The Netherlands, 18-21 of June 2020. Papers dealing with any aspect of the history of economics are welcome, including work related to any period or any school of economic thought. Also welcome are papers that situate economics in wider intellectual and cultural contexts or relate it to other disciplines. Although we welcome proposals for individual papers, proposals for complete sessions are especially encouraged. To submit a paper or session proposal, go to the conference web page <https://historyofeconomics.org/hes2020/>, where there is a link to a form for making submissions. Those proposing papers will be asked to submit an abstract of about 250 words, while those proposing sessions will be asked for an abstract of about 750 words that lists all participants, titles and very brief descriptions of the papers to be included. The HES website for conference registration (<https://historyofeconomics.org/hes2020/>) will open on January 2, and will provide information on several hotels where blocks of reduced rate rooms have been reserved. We encourage scholars from neighboring disciplines to participate; please see the past conference programs posted on the HES website. Inquiries regarding session proposals are most welcome, and should be addressed to Marcel Boumans at [m.j.boumans@uu.nl](mailto:m.j.boumans@uu.nl). All conference sessions will be an hour and a half. So usually a session consists of three paper presentations, but you can of course also choose another format.

The DEADLINE for submissions is **February 1 2020**. The early registration deadline for the conference is February 28. The HES provides support for several Warren J. and Sylvia J. Samuels Young Scholars to present papers at the conference, in the form of free registration, banquet and reception tickets, and a year's membership in the society. Some of the Young Scholars awardees will also receive a grant of \$500 to cover travel and other costs. A Young Scholar must be a current PhD candidate, or have been awarded a PhD in 2017 or later. Those interested in having their paper considered for the Young Scholars program will be able to indicate their interest when they submit their paper proposal through the conference website, and will be contacted subsequently with more details

about the program. For all young scholars applying to HES there will be a pre-conference workshop organized.

**Petroleum History Institute 2020 Annual Symposium  
The World of West Coast Petroleum April 2-4, 2020**



**CALL FOR PAPERS**  
ABSTRACT DEADLINE: March 1, 2020  
**PETROLEUM HISTORY INSTITUTE  
2020 ANNUAL SYMPOSIUM  
AND FIELD TRIP**



The Petroleum History Institute invites you to attend its 2020 Annual Symposium and Field Trip. This year we will meet in beautiful Santa Barbara, California, on April 2 - 4.

ABSTRACTS BEING ACCEPTED: Please send abstracts to: Dr. William Brice - [wbrice@pitt.edu](mailto:wbrice@pitt.edu) or call Marilyn Black – 814-677-3152 ext. 105; [mblack@oilregion.org](mailto:mblack@oilregion.org)

Click [here](#) for the meeting invitation.

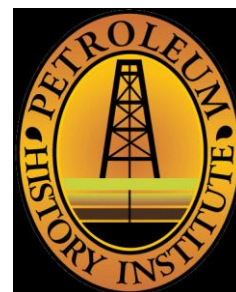
Click [here](#) to get the registration form.

NOTE: Please Mail Completed Form and Check to:

Petroleum History Institute

P. O. Box 165

Oil City, PA 16301-0165



REGISTRATION AND EVENING RECEPTION Thursday, April 2, 2020

PRESENTATIONS – ORAL AND POSTER -- Friday, April 3, 2020

FIELD TRIP -- Saturday, April 4, 2020

HEADQUARTERS HOTEL – Best Western/Pepper Tree Inn, Santa Barbara, California

<https://groups.guestreservations.com/eh/37s4c-66h> or 800-338-0030 For Group Rate Mention

“Petroleum History Institute”

Proceedings to be published in the 2020 volume of [Oil-Industry History](#)

We look forward to seeing you there.

Stephen Testa, Symposium Chair

Matt Silverman, PHI President

## VII. JOBS, POSTDOCTORAL POSITIONS, RESEARCH FELLOWSHIPS, AND GRADUATE SCHOOL OPPORTUNITIES

### IEEE HISTORY CENTER FUNDING OPPORTUNITIES 2020

#### IEEE Life Member History Fellowship, 2020 – 2021

The IEEE Life Member History Fellowship supports one year of full-time graduate work, or one year of post-doctoral research for a scholar who has received his or her Ph.D. within the past four years, in the history of IEEE's areas of interest, including Engineering, Computer Sciences and Information Technology, and related fields. This work should be carried out at a college or university of recognized standing. The stipend is US\$25,000, with a research budget of up to US\$3,000. The deadline for the 2020 – 2021 academic year is 1 February 2020. A full description of the program and application requirements can be found at: <https://www.ieee.org/about/history-center/fellowship.html>

#### IEEE History Center Elizabeth & Emerson Pugh Summer History Internship, 2020

Scholars early in their career studying the history of electrical technology and computing are invited to contact the Center to be considered for this supported stay at the Center's offices on the Stevens Institute of Technology campus in Hoboken, New Jersey, USA. The IEEE History Center, a center for the public history of technology, is cosponsored by the Institute of Electrical and Electronics Engineers, Inc. (IEEE)—the world's largest professional technical society—and Stevens Institute of Technology.

This program seeks to provide research experience for graduate students and other young scholars in the history of any IEEE field of interest (electrical and computer sciences and engineering and related fields), while enlisting the help of promising young scholars for the Center's projects. The recipient generally works full-time for two months at the History Center on a Center project that is connected to his or her own area of interest, often involving taking advantage of the resources of the IEEE History Center and other New York area institutions. This time is usually during the summer, but other arrangements will be considered. The stipend paid to the recipient is US\$5,000. This program is supported by the generosity of Elizabeth and Emerson Pugh through a gift to the IEEE Life Member Fund of the IEEE Foundation.

There is no formal application form. To apply, please email curriculum vitae showing your studies in electrical history, a three- to five-page page (single or double spaced) writing sample, along with a cover letter describing the sort of project you would be interested in doing, to Dr. Michael Geselowitz, Senior Director, IEEE History Center, [m.geselowitz@ieee.org](mailto:m.geselowitz@ieee.org). The deadline for contacting the IEEE History Center is 1 March 2020. More details can be found at [https://www.ieee.org/about/history\\_center/internship.html](https://www.ieee.org/about/history_center/internship.html).

#### Scholar in Residence Program of the Iron Library 2020

Twice a year the Iron Library offers a scholar the possibility of intensive study of its holdings as its Scholar in Residence (SiR). The program is addressed to both established researchers and younger scholars or advanced students from Switzerland and abroad.

##### **Aim of the Program**

In keeping with the Iron Library's specialization, preference will be given to applications from scholars with research projects on the history of metallurgy and mining and the history of technology and materials science, which are the focal points of the Iron Library's collection. Topics from the history of chemistry, the history of science or industrial history and culture will also be given

consideration. Innovative research projects that draw on the Library's historical holdings in depth are particularly welcome. Research on the history of the Georg Fischer Corporation is especially welcome because projects that are based wholly or in part on the Corporate Archives of Georg Fischer Ltd will also be supported by the SiR Program.

#### **What the Iron Library offers**

The Iron Library, located in the former Clarissen convent Paradies, is an attractive place for focused research and creative writing. The research period may last from two to three weeks, and the precise dates and modalities will be arranged individually with the successful applicants. The Iron Library will assume the costs of a hotel for the SiR near the Library during the research period, will pay an allowance for the cost of meals during this time and will make a one-time contribution to the costs of travel to and from the Iron Library. The employees of the Iron Library will assist the SiR in his/her research work and in obtaining the relevant literature. The SiR Program is expressly not a full scholarship; any further claims on the Iron Library are excluded.

#### **What we expect from the Scholar in Residence**

It is expected that the SiR will work intensively with the Library holdings during the period of research and will take up residence near the Library. The research period may come at the beginning of a re-search project or may serve to complete an existing project. The results of the research period must be incorporated into a publication (print or online) and/or a degree (master's, Ph.D. or "Habilitation"), in which the use of the Iron Library is mentioned expressly. When the publication has been completed, the SiR will send the Iron Library two copies without being requested. The SiR undertakes, in addition, to write a short report on the research period in the Iron Library and gives his/her consent for this report to be published on the Iron Library's website, in its Annual Report and, if appropriate, elsewhere (e.g. social media). The same shall apply to the abstract of the research project (see below).

#### **Applications**

Applicants are requested to submit the following documents:

- ❖ an abstract describing the research project (maximum 150 words);
- ❖ a detailed description of the project that makes it clear which holdings in the Iron Library are to be consulted (maximum 1000 words).
- ❖ a curriculum vitae (resume);

The application documents may be written in English or German and may be submitted by mail or by e-mail. The Management of the Iron Library will decide on the selection of the Scholar in Residence.

#### **Application deadlines**

Applications may be submitted **at any time**.

#### **Please address any questions and your application to:**

Franziska Eggimann, Head Iron Library and Corporate Archivist Georg Fischer Ltd Klostersgut Paradies, 8252 Schlatt, Switzerland, [franziska.eggimann@georgfischer.com](mailto:franziska.eggimann@georgfischer.com)

**Postdoctoral Fellow in Environmental and Technological History  
Laboratory for Environmental and Technological History  
Center for Historical Research, HSE University, St. Petersburg, Russia**

The Higher School of Economics Laboratory for Environmental and Technological History of the Center for Historical Research in St. Petersburg, Russia, invites applications for postdoctoral research positions in the field of environmental and technological history. We are particularly

interested in applications on either of these aspects: history of natural resources, including history of scientific expertise; history of technological innovations and urban mobility; industrial and natural heritage. The application can focus on the crossroads of all three themes. We invite scholars with a strong record who employ interdisciplinary approaches and are capable of publishing in peer-reviewed academic journals.

### **About HSE University**

The Higher School of Economics (HSE University) is a young, dynamic and fast-growing Russian research university. Over the past 25 years, HSE University has become a leader in Russian education, while also being recognized globally. For instance, we were the first state-run university in Russia to begin recruiting on the international academic market. We aim at being a university with a highly attuned approach to training new professionals. Therefore, we are eager to hire people with real experience, as well as basic and applied knowledge. Committed to high-quality research, HSE University now has more than 100 research institutes and centres and over 30 international research laboratories collaborating with international specialists from all over the world.

### **Requirements**

The general requirements for the postdoctoral fellowship positions are the following:

- Candidates must hold a **recent PhD** in the field of History or Social Sciences and Humanities related to environmental studies (including environmental humanity) or STS (Science, Technology and Society studies) or related areas which was awarded over the last **5 years** or received before starting work at HSE in a relevant field by an internationally recognized university and has been assessed by external reviewers as having the potential to pursue research that is publishable in leading peer-reviewed journals;
- Candidates should have a **strong background** in humanities or social sciences related to environmental studies or science and technology, skills in digital humanities would be an advantage, ability to work in team.
- **Fluent English** is an obligatory condition as research and other activities are conducted in English. Knowledge of Russian is not required;
- Relevant experience will be an asset although not required.

### **The position involves:**

- working under the direct supervision of professor Julia Lajus, head of the Laboratory;
- participants are encouraged to pursue their own research along with working on Laboratory's research projects such as:
  - history of natural resources
  - technological projects of socialism
  - Cold War encounters in environment, science and technology,
  - industrial and natural heritage and tourism, especially maritime and northern
- writing research papers for international peer-reviewed journals in co-authorship with the members of the Lab;
- participation in the events of the Lab and other contribution to the Lab's development;
- public presentations of candidate's own research to the academic community;
- some teaching is encouraged, though not required.

### **Conditions**

Appointments are normally made for one year. Postdoctoral fellows have an opportunity of renewal of the contract (no more than two times).



HSE University offers postdoctoral fellows a competitive salary, the standard medical insurance plan, a working space equipped with a computer and free Internet access at the University.

### **Application Process**

Applications must be submitted online. Please provide a CV, a statement of research interest and a recent research paper submitted via an online application form. At least two letters of recommendation should be sent directly to the International Faculty Recruitment Office at [fellowship@hse.ru](mailto:fellowship@hse.ru) before the application deadline. Please note that direct applications to the hiring laboratory may not be reviewed. **The deadline for the applications is February 9, 2020.**

Read More about the application process here:

[https://iri.hse.ru/technological\\_history?fbclid=IwARoYa3ZYrxXM5GdBradO\\_qdbapKdM19nqXUW1x1vBML4H26WCOBPTgxTEeA](https://iri.hse.ru/technological_history?fbclid=IwARoYa3ZYrxXM5GdBradO_qdbapKdM19nqXUW1x1vBML4H26WCOBPTgxTEeA)

### **American Philosophical Society Library & Museum residential fellowships**

The APS Library & Museum invites applications for the following 1-year residential fellowships:

#### **The Andrew W. Mellon Foundation Native American Scholars Initiative (NASI) Postdoctoral Fellowship**

This 12-month fellowship is intended for a recent Ph.D., professor at any level seeking sabbatical support for a research project, or an independent scholar working closely with an Indigenous community on a project.

- Applicants will receive a stipend of \$45,000-\$60,000 for twelve months, depending on health insurance needs and other factors. An additional \$5,000 will be provided to support outside research and travel.
- Applications are open to scholars working on projects in Native American and Indigenous Studies and related fields and in all periods of time. Preference will be given to those who have experience working with Indigenous communities.
- The successful applicant will be based at the Library & Museum's Center for Native American and Indigenous Research (CNAIR) (<https://amphilsoc.org/cnair>), which aims to promote greater collaboration between scholars, archives, and indigenous communities.
- To apply, please submit materials to <https://apply.interfolio.com/69432>.

#### **The Andrew W. Mellon Foundation Native American Scholars Initiative (NASI) Predoctoral Fellowship**

This 12-month fellowship is intended for advanced Ph.D. students working toward the completion of the dissertation.

- \* Applicants will receive a stipend of \$25,000, plus travel and research funds, to support twelve months of work in Native American and Indigenous Studies or allied fields.
- \* Applications are open to scholars working on projects in Native American and Indigenous Studies and related fields and in all periods of time. Preference will be given to those who have experience working with Native communities.
- \* The successful applicant will be based at the Library & Museum's Center for Native American and Indigenous Research (CNAIR) (<https://amphilsoc.org/cnair>), which aims to promote greater collaboration between scholars, archives, and indigenous communities.
- \* To apply, please submit materials to <https://apply.interfolio.com/69434>.

### **Friends of the American Philosophical Society Predoctoral Fellowship in Early American History (to 1840)**

This 12-month fellowship is intended for advanced Ph.D. students working toward the completion of the dissertation.

- ❖ Applicants will receive a stipend of \$25,000 to support twelve months of work on topics pertaining to early American history (to 1840).
- ❖ The successful applicant will receive an appointment as a Research Associate at the McNeil Center for Early American Studies, which will provide library and computer privileges at the University of Pennsylvania to those who agree to participate regularly in the McNeil Center's seminars and other programming ([www.mceas.org](http://www.mceas.org)).
- ❖ To apply, please submit materials to <https://apply.interfolio.com/69501>.

### **John C. Slater Predoctoral Fellowship in the History of Science**

This 12-month fellowship is intended for advanced Ph.D. students working toward the completion of the dissertation.

- ❖ Applicants will receive a stipend of \$25,000 to support twelve months of work on topics pertaining to the history of science, broadly defined.
- ❖ Applicants' research must pertain to topics in the history of science or related fields.
- ❖ The successful applicant will be affiliated with the Consortium for History of Science, Technology, and Medicine ([www.chstm.org](http://www.chstm.org)).
- ❖ To apply, please submit materials to <https://apply.interfolio.com/69497>.

For a complete listing of all APS grant and fellowship opportunities, please visit [www.amphilsoc.org/grants/fellowships](http://www.amphilsoc.org/grants/fellowships). Contact regarding the Fellowship program and the American Philosophical Society Library & Museum may be directed to Adrianna Link, Ph.D., Head of Scholarly Programs, at [alink@amphilsoc.org](mailto:alink@amphilsoc.org) or by phone at 215-440-3415. Applicants: Please use Interfolio's help desk for any issues pertaining to the online application process.

### **Two 2-year postdocs in History of Science – TACITROOTS ERC Project University of Milan, Italy *The Accademia del Cimento (1657-1667) experimental work* TACITROOTS is an ERC funded project (2019-2024, 60 months, CoG 2018, ID: 818098) led by the historian of science, Giulia Giannini.**

The project aims to provide a new understanding of the origins of the European scientific enterprise, by analysing and contextualising for the very first time the entire corpus of published and unpublished sources concerning the earliest modern scientific academy: the Florentine Accademia del Cimento (1657-1667). The project offers a novel insight into the history of modern science, focusing on its institutional settings and on the role of knowledge circulation.

TACITROOTS's research questions are broad: the development of experimental science, how science establishes itself against political and religious powers, the alignment of research contents and methodologies in Europe, the constitution of a scientific network.

**TACITROOTS invites applications for two 2-year postdoctoral positions expected to start on February, 1st 2019.** The positions will be hosted at the Department of Historical Studies of the University of Milan, Italy. Successful candidates will join the international research team of TACITROOTS and will spend most of their working time on a tailored research line in the framework of the project. They will be involved in project dissemination activities and in the organization of project-related scientific events (workshops and seminars). They will have also dedicated research

funds especially for travel to relevant European libraries and participation in international conferences and meetings.

For this call we seek candidates willing to engage with the experimental nature of the studies carried out by the Academia. In particular, these positions will be focused on the Cimento's activity in the field of:

(1) Pneumatics. In the mid-17th century, the issue of the void and air pressure is one of the central nodes of the debate around the constitution of the matter and on the nature of the universe. Besides replicating Torricelli's experiments with many a variation, the Cimento academicians also observed various objects and animals placed in the "void". This is one of the subjects that produced the most violent interpretive clashes.

(2) Thermology. A wealth of theoretical implications is found in the multitude of experiments performed by the academicians on the nature of heat and cold, on the existence of "frigorific" atoms and on the hypotheses advanced to explain the process of natural freezing.

These heated debates were often reprised by the Accademia della Crusca.

Successful candidates are expected to examine the hundreds of accounts of experiments and the academicians' discussions on pneumatics or thermology contained in the academic diaries and in the correspondence. These tasks will produce the first complete picture of the work carried out by the Cimento in the field of (1) pneumatics and (2) thermology. They will also define the sources and philosophical principles underlying the Accademia's activity in these fields with especial attention to the wider European debate on the issue.

#### **Further information and application**

The position is expected to start on **February, 1st 2020**. The Fellowship's yearly gross amount is of Euro 22.390,00 (around 1.652 euro net per month). The amount is tax free (according to art. 4 Legge 13 August 1984 n. 476). Extra research funding is available for participating to international conferences, workshops, and research visits concerned with the TACITROOTS objectives. English is the favorite working language within the project team. As the main body of sources is in Italian, basic reading skills in Italian language are required. Applications must be submitted through the University portal by no later than 11:59 p.m. on January, 13th 2020. You will find detailed information about the application procedure in the Call-for-application:

[https://www.unimi.it/sites/default/files/2019-12/DR%20GIANNINI%20ID%204452%20ENG\\_1.pdf](https://www.unimi.it/sites/default/files/2019-12/DR%20GIANNINI%20ID%204452%20ENG_1.pdf)

For informal inquiries, please contact

Prof. Giulia Giannini ([giulia.giannini1@unimi.it](mailto:giulia.giannini1@unimi.it))

Dipartimento di Studi Storici, Università degli Studi di Milano

Via Festa del Perdono, 7

20122 - Milano

#### **Studying in Switzerland**

*Studying in Switzerland* is a platform that aims to provide all relevant information about conducting your studies in Switzerland. We have the most comprehensive information about Swiss universities and scholarships, and we keep up to date about living costs in Switzerland. Find complete information and details on *Studying in Switzerland* educational offer at <https://studyinginswitzerland.com/>. Clara Huber, Career Counselor, [clara.huber@studyinginswitzerland.com](mailto:clara.huber@studyinginswitzerland.com)

## **Assistant Professor of Environmental Communication at University of Winnipeg**

### POSITION DESCRIPTION:

The Department of Rhetoric, Writing, and Communications at the University of Winnipeg invites applications for a tenure-track position at the rank of Assistant Professor with a specialization in Environmental Communication.

### QUALIFICATIONS:

The successful candidate will have completed a Ph.D. in rhetoric, composition, communication, or a related discipline. The candidate will have demonstrated 1) a clear potential for establishing an international scholarly reputation through a promising research program, 2) a strong record of undergraduate teaching, and 3) a commitment to curriculum and program development. Ideally, the candidate's research and teaching interests will focus on one or more of the following areas: environmental rhetoric and discourse, climate change communication, green movements, green campaigns, environmental media and journalism, environmental justice, discourses on alternative energy, science communication, and science disinformation.

### APPLICATION INSTRUCTIONS:

Applications must include the following: a letter of application addressed to Dr. Jaqueline McLeod Rogers (Department Chair), a curriculum vitae, at least one writing sample, evidence of teaching effectiveness, and three letters of reference. Applications must be submitted online via the University of Winnipeg's online recruitment system: <https://www.uwinnipeg.ca/hr/employment.html>. Candidates should arrange for three confidential letters of reference to be sent either by email or airmail to:

Taremekedzwa Muingi, BSc

Department Assistant

Rhetoric, Writing and Communications, University of Winnipeg

515 Portage Avenue

Winnipeg, MB R3B 2E9, Canada

Tel: [204.258.3865](tel:204.258.3865)

Email: [t.muingi\[at\]uwinnipeg.ca](mailto:t.muingi@uwinnipeg.ca)

For full consideration, applications should be received no later than **February 18, 2020**.

Consideration of applications will continue until such time as the position is filled. Subject to budgetary approval, this appointment will be effective July 1, 2020.

## VIII. Join ICOHTEC

Please share this form with a colleague who is not yet a member or ask your library to subscribe



### **Form for annual membership renewals / registration of new members**

**Annual membership includes subscription to ICOHTEC's refereed annual journal ICON, access to all back issues of ICON in electronic form via the ICOHTEC website, a monthly Newsletter, and special registration rates at the annual ICOHTEC symposium.**

I wish to renew my membership / to become a new member in ICOHTEC. (Tick below the appropriate description/rate):

- An individual. Rate: (40 \$ or 30 € or equivalent) per year
- A student. Rate: (40 \$ or 30 € or equivalent for two years)
- An institution. Rate: (100 \$ or 75 € or equivalent) per year
- A library. Rate: (Europe: 36 €, Overseas 39 € or 52 \$) per year

Tick the years of membership to be paid:  2017  2018  2019  2020

I submit the total amount: \_\_\_\_\_ euro (or USD)

Your first name and surname: \_\_\_\_\_

Email: \_\_\_\_\_

Postal address: \_\_\_\_\_

Country: \_\_\_\_\_

Tick the method of your payment:

- Through international money transfer: Make international money transfer to:

“ICOHTEC“ at Commerzbank Bochum (Husemannplatz 3-4, D-44787 Bochum, Germany):

IBAN: DE44 4304 0036 0390 2590 00; BIC: COBADEFFXXX (members in Germany take

Commerzbank Bochum BLZ 43040036, Nr. 390259000).

- Through a cheque. Send the check with the appropriate sum made out to “ICOHTEC” and send to: Dr. Lars Bluma, Otmarstrasse 5, D-45131 Essen, Germany.

**After filling the form, please scan and send by email to Timo Myllyntaus, ICOHTEC Treasurer at [timmyl@utu.fi](mailto:timmyl@utu.fi) or, send a hardcopy by regular mail to Timo Myllyntaus, Turku School of Economics, Rehtorinpellonkatu 3 Room 313, 20 500 Turku, Finland. Your filled form will facilitate sending ICONs and allocating access privileges.**