

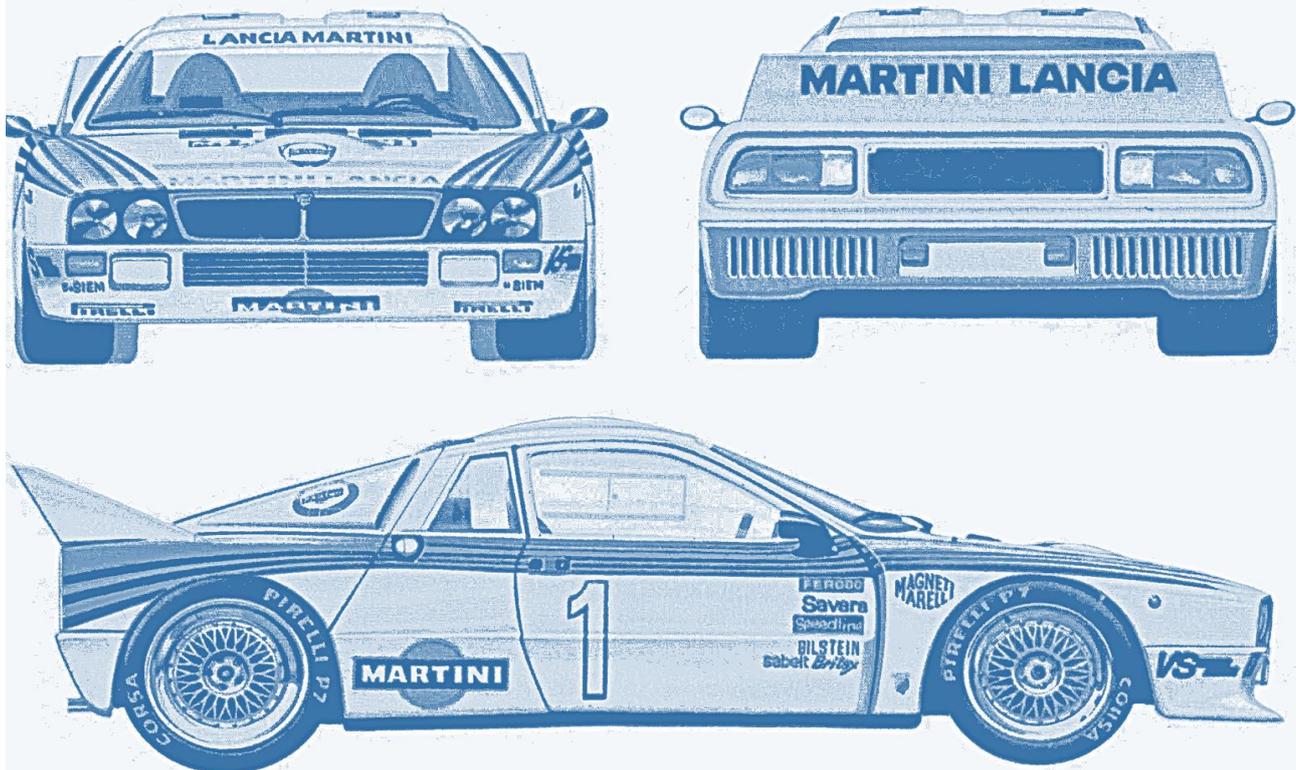
ICOHTEC NEWSLETTER

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Lancia Rally 037 - Heart, Design, Project.

"We achieved our most outstanding results with the Lancia *Fulvia HF*, Lancia *Stratos*, and the Fiat *131 Rally*. But, in 1982, we will have to face a substantial rules changing and our programs have been revolutionised. We will race beginning from the month of April with the new Lancia *Rally 037*, as soon as it will be homologated, after the production of the two hundred samples prescribed by the new FIA GROUP B regulations ". This was December 14th, 1981, and Cesare Fiorio, manager of the Fiat Group's Competitions Activities announced the birth of the new weapon of the Fiat group for rallies: the Lancia *Rally 037*.



A new car, mechanically different from the predecessors, built, conceived and projected according to the new Group B FIA Regulation (<http://www.lanciarally037.com/progetto/progetto-regol-B.htm>). The project developed thanks to the close collaboration among Lancia, Abarth and Pininfarina. The *Lancia Rally 037* was made of a ruggedness structure that unites lightness and sturdiness, giving exceptional safety levels. Aggressive and refined, the *Rally 037* was a sport thoroughbred with a "heart" of 2 litres, 16 valves, four cylinders, supercharged volumex compressor and central view mounted engine, a characteristic used until then only for few cars. Very powerful for the times, with its 205 Bhp it was able to easily overcome the 220 Km/h and to accelerate from 0 to 100 Km/h in less than seven seconds. The *Rally 037* was both an aggressive and soft body-lines car, able to confer an aerodynamic load to create an effective aerodynamic lift to avoiding set-up variations at the high speeds. The rear spoiler aids the front one to avoid afore-carriage effect - a dangerous frontal lightening and loss of adherence - increasing the dynamic load, and allowing the air to flow out discharging under the car body. The *Rally 037* central part was composed by the full-vision windscreen that is joined with the top, then to end with the rear window that shows the engine. This stylistically appreciable layout allows the air to flow out on the boot spoiler creating a pressure zone. The roll-bar cage was made with 35 mms diameter pipes, cage moulding, with four lateral pillars connected to the hard top and to the chassis base with joint points. Many crash-tests have been performed in the FIAT safety centre and the results have been excellent. Besides, the steering column shortening was only of 20 mms against the 127 admissible. All the components were sent in the Lancia facilities in Borgo San Paolo near Turin and built in a little car assembly line. Each sample of the 222 built was mounted by hand, then sent out for the painting and finally assembled. Each single piece was submitted to particular tests, inconceivable for a great production but fundamental for a small number of cars ready for the rally use. On April 21st, 1982, the Lancia *Rally 037* in red-race livery, debuts to the 59th Turin International Motorshow "parade" getting the plause of the critics. The *Rally 037* joined the FIA World Rally Championship Goup B from 1982 to 1986. In 1983, it was World Champion; in 1984 European Champion; following, winner of numeorus national and international titles until 1988. *Rally 037* was the last of the supercharged volumex compressor rear-wheel drive cars engineered and designed expressly to complete in the WRC circuit.

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

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I. ICOHTEC	P. 2
I.1 46 TH ICOHTEC SYMPOSIUM IN KATOWICE, POLAND, 2019	P. 2
I.2 KATOWICE 2019 CALLS FOR PAPERS	P. 5
I.3 ICOHTEC SUMMER SCHOOL 2019	P. 8
I.4 46 TH SYMPOSIUM IN KATOWICE, POLAND: TRAVEL GRANTS	P. 10
I.5 ICOHTEC PRIZES: TURRIANO AND DUMAS	P. 12
I.6 ICON - THE HERALD OF ICOHTEC	P. 14
II. OPEN SOURCES	P. 15
III. PICKSTONE PRIZE WINNER	P. 18
VI. CALLS FOR PAPERS	P. 19
VII. CALLS FOR MANUSCRIPTS	P. 22
VIII. TENSIONS OF EUROPE SUMMER SCHOOL	P. 23
X. JOBS, POSTDOCTORAL POSITIONS, AND RESEARCH FELLOWSHIPS	P. 25
XI. JOIN ICOHTEC	P. 31

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|------------------------------------------------------------------|--|
| I. ICOHTEC                                                       |  |
| I.1 46 <sup>TH</sup> ICOHTEC SYMPOSIUM IN KATOWICE, POLAND, 2019 |  |

## TECHNOLOGY AND POWER

**The International Committee for the History of Technology's 46th Symposium  
in Katowice, Poland, 22 – 27 July 2019**

**Deadline for proposals is Tuesday, 18 February 2019**

Social theorists from Max Weber to Jürgen Habermas have argued that power relations are among the defining characteristics of every society, along with culture and economic relations. The main theme of this conference, Technology and Power, seeks to interrogate the various roles technologies have played in the development of power relations in the past, in different parts of the world. Political power (local, state, and inter-state) is the most obvious of these, but relations of gender, sexuality, race, ethnicity, class, labour, age, and so on, also include elements of power. Technologies have instrumental, mediating, undermining, reinforcing, and constructive roles in all of these relations. Some technologies have been used by elites, others have served the relatively powerless. Think of weapons as means of

state power, but also as instruments of revolution; the printed word as a vehicle of state and church propaganda, but also as a disrupter of all kinds of authority; contraceptive devices and pills that have changed relations between the sexes and in families. Power is usually contested, and technologies often change the chances of those involved in these conflicts.

The recent interest in transnational history has extended the range of these topics and revealed their interconnectedness. Technological change is disrespectful of national borders: technical knowledge and technicians travel, and new technologies of communication and transport transform balances of trade and power on a worldwide scale. We have only begun to explore these global dimensions, and the symposium will offer the opportunity to push this project forward.

A broad but non-exhaustive list of possible topics for paper presentations follows. Proposals and presentations on a wide spectrum of topics related to the general theme are very much encouraged. Proposals outside the main theme will also be considered.

## 1. Technology and the State

### *Engineers and architects in power*

- forms of technocracy across the world and in different times
- case studies of technocrats
- large technocratic projects (think of TVA or the post WWII dam building projects in the third world, and similar projects in earlier times)

### *The State and the economy, from mercantilism to the present*

- energy politics
- technical education
- stimulating small companies, from crafts to modern start-ups

### *State power and military technology*

- military technology and the rise of the modern nation-state
- technology-driven military revolutions
- war and technological change
- military and technological aspects of unconventional warfare
- military technology in non-military settings
- military-industrial (-academic) complexes (not only US)

### *Technical forms of government*

- technologies of surveillance (as in border control, security services, public health)
- environmental governance
- managing populations by means of statistics or eugenics

### *Technology and international relations*

## 2. Design as politics

### *Urban planning across the world*

- the design of city life
- transit infrastructures
- ecological urbanism

### *Scripting the everyday*

- attempts to shape life through the design of homes
- offices and products for everyday use

### *Design fantasies*

- technological utopias and dystopias

### *Design and political ideology*

- from totalitarianism to neoliberalism
- design activism (as in DIY and the ‘maker movement’)

### 3. Power and the body

*The rise of Big Pharma*

*Reproductive technology, gender and family relations*

*Self-monitoring technologies, the ‘quantified self’*

*Resisting and rejecting modern medical interventions; alternative and non-western health care practices*

### 4. Maintaining, repairing, and appropriating technologies

*Repair and maintenance of large technological systems*

*Everyday cultures of maintenance and repair in developed and developing nations*

*Sites of repair: factories, workshops, maker-labs, and homes*

*Hacking and modifying digital and material things*

## PROPOSAL GUIDELINES

The symposium covers all periods and all areas of the globe. 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. We especially encourage graduate students to submit proposals and to participate in the symposium.

**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. 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) abstracts 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 the creation of panels which examine technology and power relations in different parts of the world, enabling international comparisons, and contributing to an emerging transnational historiography. We welcome especially contributions from beyond Europe and the United States, which so far have been less fully covered by historians of technology.

The programme committee reserves the right to relocate papers to different themes and add papers to panels.

**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. Please indicate which of the symposium subthemes your poster refers to (if applicable). The programme committee also encourages submission of **ALTERNATIVE FORMATS** for sessions: round tables, the presentation of an important book or film, etcetera. Members of ICOHTEC pay a reduced fee.

The final deadline for all submissions is **February 18<sup>th</sup>, Monday, 2019**

Please check updated instructions on submissions at our website: <http://www.icohtec.org/>.

Please submit your session, individual paper, or poster, online:

<http://www.icohtec.org/annual-meeting/cfp-system/2019-katowice/>

The submission form should guide you through the submission process, but if you need further explanation, you can find it in the pdf document 'Technical instructions', which you can download from the opening page of the submission form. If you want to submit a proposal for a session in another format, please contact the chair of the Program Committee, Dick van Lente, at [vanlente@eshcc.eur.nl](mailto:vanlente@eshcc.eur.nl)

## **I.2 KATOWICE 2019 CALLS FOR PAPERS**

### ***Challenging Power through Playing with Technology***

**Stefan Poser and Artemis Yagou**

Private and public institutions shape life through the design of various technical products and services for daily use. In many cases, users employ such products and services as recommended by advertisements and manuals provided by manufacturers or as dictated by institutionally-defined regulations. Other users do not follow these conventions and develop their own modes of usage or technical solutions. We aim to explore new historical perspectives on the question of how and why people deal with technology, by examining playful and unconventional uses of technical products and services. Such approaches to technology question the power relations embedded in products and services, but may also be classified as exercises in power. What are the consequences and wider implications?

The session in Katowice will focus on the following themes in the history of technology:

- β Playful and challenging approaches to products and services (e.g. Tinkering, Geocaching)
- β Creatively overcoming technical limitations or undermining technologies (e.g. Hacking)
- β Transgressing boundaries and taking risks (e.g. Train surfing).
- β Contributions on other playful approaches to technology are also welcome.

Please send your proposal (abstract of 300 words and one-page CV) to Stefan Poser and Artemis Yagou by **February 10, 2019** to Dr. Stefan Poser, Helmut-Schmidt University, Hamburg, [poser@hsu-hh.de](mailto:poser@hsu-hh.de) & Dr. Artemis Yagou, Deutsches Museum, Munich, [a.yagou@deutsches-museum.de](mailto:a.yagou@deutsches-museum.de)

### ***Negotiating Infrastructures: Inter- and Transnational Negotiations and Cooperation in Setting up and Launching Large Scale Infrastructure Projects during the Cold War***

**Jiří Janáč, Sławomir Łotysz, and Doubravka Olšáková**

**Deadline: 10 February 2019**

Dr. Jiří Janáč, Institute of Contemporary History, Academy of Sciences of the Czech Republic, Prague  
Dr. Sławomir Łotysz, Institute for the History of Science, Polish Academy of Sciences, Warsaw, Poland  
Dr. Doubravka Olšáková, Institute of Contemporary History, Academy of Sciences of the Czech Republic, Prague  
Global infrastructuralism considerably shaped the development of science in the 19th and 20th Century. On the one hand, the meteorology is one of classical examples of a new science promoting the global approach and cooperation. On the other hand, a new type of robust research infrastructures was born during the Cold War, their format ranging from international institutions such as CERN to monitoring networks initiated and granted by WHO. Nevertheless, both centuries are considered as centuries of the rise of nationalism (E. Hobsbawm) promoting national sovereignty and national interests. How did such seemingly contradictory phenomena play out in the evolution of science? How should we define the role of science diplomacy under these circumstances? And how did the fast

expanding architecture of the monitoring networks/institutional infrastructures interplay with the political dynamics of the Cold War? Cold War historiography has been recently subjected to twofold revision – first, it has been positioned within larger processes of historical change, beyond the simplistic perspective of East-West antagonism and, secondly and subsequently, the focus moved away from the two superpowers and bipolar Europe to global affairs and broad cultural context. How can we describe the role of various intergovernmental, international, transnational and supranational organizations, such as the EEC, UNO, NATO or the COMECON (CMEA), in the implementation of this kind of infrastructures in Cold War context? We welcome all papers dealing with European history as well as the history of the Third World countries or any aspects of the global history. The panel/symposium is co-sponsored by the DHST Commission on Science, Technology and Diplomacy. 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, 3-5 key words, a concise statement of the thesis, a brief discussion of the sources, and a summary of the major conclusions. Please send your proposals to [olsakova@usd.cas.cz](mailto:olsakova@usd.cas.cz) – the deadline: **10th February 2019**.

### ***History of Technology and Disability***

**Magdalena Zdrodowska**

**Deadline: 10 February, 2019**

Dear Colleagues,

I am planning a session on complicated and mutual relations between technology and the disability for 2019 ICOHTEC conference to be held in Katowice, Poland 22-27 July 2019 and seeking panelists. Panel will engage with the conference theme (technology and power) by examining the disability-technology relations in local, state contexts as well as globally, and intersections of disability and poverty, gender or ethnicity – all these aspects influence the accessibility as well as development of instruments, services and “technical literacy”.

Please have a look at the list of potential topics, and consider it more as an inspiration than a closed and ready catalog of problems:

- ▲ The bio/medical technologies as biopolitical tool
- ▲ strategies and contexts of resistance against bio/medical technologies
- ▲ prosthesis as cultural artefact and political statement
- ▲ dis/emancipatory technologies
- ▲ global and postcolonial aspects of relations between technology and disability
- ▲ special – mainstream – and back again: assistive technologies
- ▲ the cyborgisation of the disabled body
- ▲ disabled users and DIY practices: reusing, repairing and tinkering as inventing
- ▲ the disabled inventors

To submit proposal please send it to [magda.zdrodowska@uj.edu.pl](mailto:magda.zdrodowska@uj.edu.pl) by 15 December 2018, as the session proposals deadline is 15 January 2019. In your proposal please include a 300-word abstract and a one-page CV.

### **14th Annual Symposium of the Social History of Military Technology at the 46th Symposium of the International Committee for the History of Technology, Katowice, Poland, 22–27 July 2019**

**Bart Hacker and Ciro Paoletti**

We seek proposals for papers to be presented in the 14th Annual Symposium of the Social History of Military Technology (14SSHMT), scheduled as part of the program for the 46th Conference of the International Committee for the History of Technology (ICOHTEC), Katowice, Poland, 22–27 July 2019. ICOHTEC has selected the general theme of Technology and Power.” Among the several subthemes

listed, one is particularly relevant to our symposium: State Power and Military Technology, which identifies a number of specific topics (see the ICOHTEC 2019 CfP at: <http://www.icohtec.org/w-annual-meeting/katowice-2019/call-for-papers/>). In submitting a proposal for 14SSHMT, you are encouraged, but not required, to address the ICOHTEC theme and subthemes. General information about lodging, transportation, travel grants, and other matters will be posted on the conference website: <http://www.icohtec.org/w-annual-meeting/katowice-2019/>. The Symposium of the Social History of Military Technology, a regular part of the ICOHTEC annual meeting since 2005, strives to move beyond the narrow material focus that the history of military technology often assumes among fans, antiquarians, and many historians. As commonly practiced, the history of military technology centers on weaponry, warships, fortifications, or other physical manifestations of warfare, stressing their making, workings, or usage. Historians have also tended to assume a strictly utilitarian and rational basis for military technological invention and innovation. However necessary they may be, such approaches largely ignore some very important questions. What are the contexts of social values, attitudes, and interests, non-military as well as military, that shape and support (or oppose) these technologies? How do the social order and military technology reciprocally interact? Or, more generally: How do social and cultural environments within the military itself or in the larger society affect military technological change? And the indispensable corollary: How does changing military technology affect other aspects of society and culture? In brief, this symposium will address military technology as both agent and object of social change, taking a very broad view that encompasses not only the production, distribution, use, and replacement of weapons and weapon systems, but also communications, logistics, medicine, and other technologies of military relevance, as well as sciences of military interest. We seek papers about: (1) representations of weapons as well as weapons themselves, about ideas as well as hardware, about organization as well as materiel; (2) ways in which social class, race, gender, culture, economics, politics, or other extra-military factors have influenced and been influenced by the invention, r&d, diffusion, or use of weapons or other military technologies; (3) the roles that military technologies play in shaping and reshaping the relationships of soldiers to other soldiers; soldiers to military, political, and social institutions; and military institutions to other social institutions, most notably political and economic; and/or (4) historiographical or museological topics that discuss how military technology has been analyzed, interpreted, and understood in other fields, other cultures, and other times. Pre-modern and non-Western topics are particularly welcome.

All proposals must be submitted in English. Although papers may be presented in English, French, German, Spanish, or Russian, ICOHTEC does not provide simultaneous translation. Proposals must include a short descriptive title of the paper, an abstract (maximum 300 words), and a short CV (maximum 1 page).

(1) Abstracts are strictly limited to no more than 300 words. They should include a concise statement of the thesis, a brief discussion of the sources, and a summary of the major conclusions. Please do not include notes or bibliography.

(2) Your CV must be no longer than 1 page, It should include your educational and professional employment histories, notice of significant publications and/or presentations. You may include other relevant information in the CV, as long as you do not exceed the 1-page limit. Be sure to include your name and email address, and to specify your present institutional affiliation (or independent status). Do not submit your paper proposal to ICOHTEC. Bart Hacker and Ciro Paoletti are organizing the symposium. Send your proposal to Bart Hacker at: [<barthacker60@gmail.com>](mailto:barthacker60@gmail.com), no later than **10 February 2019**, but earlier is better. Bart and Ciro will assemble and submit the complete symposium.

### I.3 ICOHTEC SUMMER SCHOOL 2019



#### Call for ICOHTEC Summer School of 2019: Technology and Power.

University of Silesia, Poland 18 – 22 July 2019.

For PhD students and recent post-doc researchers.

#### Objectives

The Third ICOHTEC Summer School in Katowice will combine the 46th ICOHTEC Symposium with a three-day intensive seminar course geared to PhD students and young post-doctoral scholars. The Summer School brings together conventional seminars and the participation in the ICOHTEC Symposium. The topic of the ICOHTEC Summer School is “Technology

and Power”. In line with the main thematic objectives of the ICOHTEC Symposium, the Summer School aims to approach its theme open-mindedly and multidisciplinary. The School enhances students’ skill to comprehend and study versatile relationships between society and technology.

In particular, the Summer School aims to deal with these questions:

- What are the main thematic implications of the theme technology and power?
- Which theoretical concepts and methodological approaches are most suitable dealing with it?
- What could a new and original approach to the theme look like?

#### Theme

Intuitively, the phrase “Technology and Power” refers to political and military power, surveillance, large-scale energy systems and colossal infrastructure projects, i.e. intentional power that public or private institutions exercise in society by means of technology while trying to achieve their goals. On the other hand, technology has also concealed or even unintentional power with respect to people, media, education, language, life style and the body. In addition, there are attempts to gain an upper hand of technology and related standard values. Maintaining, repairing and appropriating technologies or designing them on a human scale are applied to tame technology running wild due to fierce competition of business interests. Shortly, the Summer School aims to study relationships between technology and power from broad and many-sided viewpoints. It is open to versatile approaches and traditions.

#### Description

The ICOHTEC Summer School consists of two parts:

- **Part 1. Interactive discussion seminars.** Objectives of the School include inspiration and discussion. Daily lectures and students’ research papers (generally on their PhD or post-doc projects distributed in

advance) are to inspire participants. The aim is to appropriate discussion on research topics to methodological and theoretical approaches. Expert tutors will moderate these discussions in small groups. A joint feedback colloquium will end the School.

- **Part 2. Active attendance in the ICOHTEC Symposium 22 – 27 July 2019.** Students of the Summer School are expected to participate in the ICOHTEC Symposium and its scientific sessions according to their personal tailor-made schedules. The organizers would appreciate it if summer school participants also presented a paper in the symposium. Please, visit the website <http://katowice2019.icohtec.org/>

Participants pay for the Summer School the registration fee of 60 € or the combined fee of 130 € for both the School and the following Symposium. These fees include participation services and lunches. Accommodation at student dormitories and a limited number of ICOHTEC travel grants will be available, see <http://www.icohtec.org/w-annual-meeting/katowice-2019/> . All students who complete the programme will receive an attendance certificate.

9

### Target Participants

- PhD students with a subject-appropriate academic background.
- Post-doctoral researchers with a subject-appropriate academic background

Participants are expected to

- be able to speak, read and write in English.
- undertake preparatory reading in advance of the programme.
- attend all lectures and seminar sessions.
- be actively engaged in the topics of the sessions.
- attend the ICOHTEC 2019 Symposium and present a paper there as a single or co-author.
- submit a final assignment of 2,000-2,500 words on one of the topics discussed in the Summer School within six weeks after the summer school.

Deadline for applications: **Monday 4 March 2019.** Applicants must send the following data by email file attachments to Hans-Joachim Braun, [hjbraun@hsu-hh.de](mailto:hjbraun@hsu-hh.de):

- 1) A brief one-page cv, which includes the main personal data, academic training and career, selected publications and e-mail for further contact.
- 2) A short statement of purpose (350-400 words) detailing your academic reasons for wishing to attend the summer school. This should include your expectations what you hope to get out of the summer school, and what you are likely to contribute to the intellectual life of the summer school. This may include details of history, political or social science courses you have previously taken, or the relevance of the summer school to your present course of study or professional development. If you are preparing a thesis or research paper at the moment, please write a brief description of it. Include also the title of your possible paper submission to the ICOHTEC Symposium, which follows the Summer School (Further information: <http://www.icohtec.org> ).
- 3) A letter of recommendation by your teacher or supervisor, referring to your application to the ICOHTEC Summer School.

The subject line of the email should be **"Summer School Application"** and in the titles of your file attachments mark your surname first and then the title of the file (e.g. Smith\_CV). Please note that incomplete applications will not be considered. After the submission of the application, you will receive a response by 30 March 2019.

**Members of the Summer School Committee:** Hans-Joachim Braun (chair), Germany; Maria Elvira Callapez, Portugal; Timo Myllyntaus, Finland; Sofia Alexia Papazafeiropoulou, Greece; Magdalena Zdrodowska, Poland

## I.4 46<sup>TH</sup> SYMPOSIUM IN Katowice, Poland: TRAVEL GRANTS

The 46th annual symposium will be held in the University of Silesia, south Poland, on 22-27 July 2019, with the general theme *Technology and Power*. We offer a limited number of grants to help defray some of the expenses of attending the symposium. The Grants will be made available largely thanks to a generous support from the Juanelo Turriano Foundation and the Division of History of Science and Technology (DHST).

### Who is eligible?

In 2019, the ICOHTEC Travel Grants will be awarded in two categories:

**Up to 350 Euro each** – eligible for applying are graduates, post-graduates and young scholars whose papers have been accepted for the scientific programme of our 2019 Symposium. Special preference will be given to participants from low-income countries, who are not able to receive sufficient financial support elsewhere. These travel grants are not intended to cover the full costs of attending the Symposium, and may be used to bus/train/ferry/flight tickets, lodging and/or registration fee.

**Up to 200 Euro each** – eligible for applying are the students and early career researchers participating in the ICOHTEC Summer School in Katowice. Students and researchers, whose papers have also been accepted for the scientific programme of our 2019 Symposium, following immediately the Summer School, are eligible for the Travel Grant of up to 350 Euro each.

### How do I apply?

The Travel Grant Application Form (see below or consult [www.icohtec.org](http://www.icohtec.org)) must be filled in, and sent by 5 April 2019 as an e-mail attachment to **Timo Myllyntaus**, the Chair of the Travel Grant Committee at [timmyl@utu.fi](mailto:timmyl@utu.fi). In addition to the information provided in the application form, please attach a short CV or bio, as well as an appropriate document proving your status (a scan of your student's ID or supervisor's/professor's letter if applicable). The reimbursement will be made after the accepted paper is presented in person by the Grantee at the Symposium. Please, note that all money transfers can be made only after the symposium. In addition, make sure you will save your original tickets and invoices to hand them over to the Treasurer at the meeting.

### What is the time schedule?

The completed applications, along with applicable attachments, should be submitted by e-mail by Monday **5 April**. The grants will be announced by **mid-May 2019**.

Timo Myllyntaus

Treasurer & Chair of the Travel Grant Committee

[timmyl@utu.fi](mailto:timmyl@utu.fi)

## APPLICATION FORM

|                                      |                                                                     |             |
|--------------------------------------|---------------------------------------------------------------------|-------------|
| First and last name:                 |                                                                     |             |
| Postal address:                      |                                                                     |             |
| E-mail address:                      |                                                                     |             |
| Your status<br>(mark right options): | graduate student/post-doc/independent young scholar/other (explain) |             |
|                                      | member of ICOHTEC: yes/no                                           | male/female |
| Institutional affiliation:           |                                                                     |             |

### THE ESTIMATED EXPENSES

|                                                                           |  |      |
|---------------------------------------------------------------------------|--|------|
| Travel                                                                    |  | Euro |
| Registration fee                                                          |  | Euro |
| Accommodation costs                                                       |  | Euro |
| Total                                                                     |  | Euro |
| Requested (max 200 or 350 € - check your eligibility in the announcement) |  | Euro |

### PAYMENT INFORMATION

|                                                                                              |  |
|----------------------------------------------------------------------------------------------|--|
| Personal address (which you gave in your bank)                                               |  |
| Bank name                                                                                    |  |
| Bank address (typically it is not your branch, but a headquarter – please ask in your bank): |  |
| SWIFT/BIC code                                                                               |  |
| Account number in international format (typically called IBAN)                               |  |

NOTE: If you are unable to accept international bank transfer, cash payment can be arranged for you at the symposium. Please, ask the Chair of the Travel Grant for details.

### PROFESSIONAL ACTIVITIES AT SYMPOSIUM (other than presenting paper or poster)

Student accepted for the Summer School (if yes, type below the title of your presentations)

Organising a session or roundtable (if yes, please give the title below)

Chairing a session (if yes, please give the title of the session below)

Acting as a commentator or discussant (if yes, please give the title of the session below)

## I.5 ICOHTEC PRIZES: TURRIANO and DUMAS

### I.5.1 TURRIANO PRIZE

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 Katowice, Poland, from 22-27 July 2019 (<http://www.icohtec.org/w-annual-meeting/katowice-2019/>). 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 2017 or 2018; if it is a published work, the year of publication should be 2017 or 2018.

For the ICOHTEC Prize 2019, 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 2019.** 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  
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.5.2 MAURICE DAUMAS 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 2017 or 2018. 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 Committeemembers no later than 15 January 2019. Electronic submissions are preferred. The winner will be contacted in late April 2019. The prize will be awarded at our 46th Symposium, to be held in Katowice, Poland, in summer 2019 (22-27 July 2019). 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.

*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 xviiie et xviiiè 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:

For information about icohtec:

**Prize Committee**

**Maria Elvira Callapez, Pl. Dr.**, [Prize Committee Chairperson],  
ciuhct, Faculdade de Ciências, Universidade de Lisboa, Portugal  
Email: [mariaelviraacallapez@gmail.com](mailto:mariaelviraacallapez@gmail.com)

**Antoni Roca-Rosell, Dr.**

Universitat Politècnica de Catalunya  
Barcelona, Catalunya, Spain  
Email: [antoni.roca-rosell@upc.ed](mailto:antoni.roca-rosell@upc.ed)

**Eike-Christian Heine, Dr.**

Technische Universität Braunschweig, Germany

Email: [eikechristian.heine@gmail.com](mailto:eikechristian.heine@gmail.com)

**Laurent Heyberger, Dr.**

Université de technologie de Belfort-Montbéliard (utbm), France

Email: [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

Email: [l.zemnukhova@gmail.com](mailto:l.zemnukhova@gmail.com)

**Lino Camprubí, Dr.**

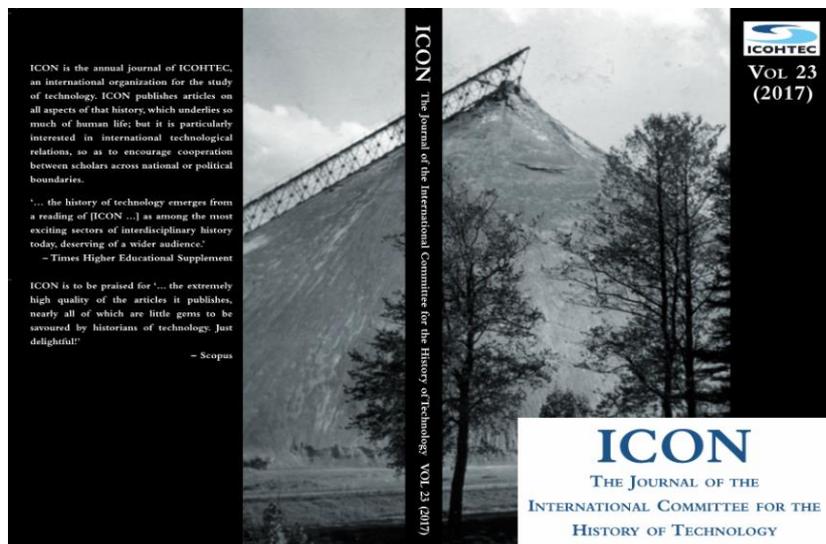
Universidad de Sevilla, Facultad de Filosofía, Spain

Email: [lcamprubi@us.es](mailto:lcamprubi@us.es)

## I.6 ICON - THE HERALD OF ICOHTEC

### I.6.1 Manuscripts submission

*ICON, the Journal of the International Committee of Technology*, was first published in 1995 aiming to promote the study of the history of technology. It publishes research articles by member and non-members of ICOHTEC on any area of the history of technology. All of the articles are double blind peer reviewed; book reviews are commissioned. *ICON* is available through JSTOR. Articles appearing in this journal are abstracted and indexed by SCOPUS, *America: History and Life*, *Current Abstracts*, *Francis*, *Historical Abstracts*, *PubMed* and *TOC Premier*. *ICON* also is listed in the *European Reference Index for the Humanities*. Send your paper



to *ICON*! *ICON* welcomes submissions from everyone, including especially those who will present at ICOHTEC's 2018 anniversary conference in St. Etienne, for its next issue. *ICON* publishes papers covering all aspects and periods in the history of technology, but devotes special attention to the discussion of contemporary problems of technology in their socio-

economic and cultural settings. The journal's goal is to foster co-operation amongst scholars from all parts of the world by providing timely review and circulation of ideas to an international audience of like-minded individuals. *ICON* welcomes submissions from non-ICOHTEC members as well as members, and particularly encourages submissions from authors for whom English is not their first language. All papers are chosen by peer review, using a double-blind process, and authors will be given editorial assistance to improve clarity and vigor of written expression. Coaches, chosen from among the society's senior scholars, are available to provide assistance with getting papers ready for publication. We publish both research articles (6,000-8,000 words) and research briefs (3,000 words).

Articles appearing in ICON are included in SCOPUS, America: History and Life, Current abstracts, Francis, Historical abstracts, PubMed, TOC premier, listed in the European Reference Index for the Humanities and are available via JSTOR. Please send your manuscripts (paper plus abstract) to the editor at [editor@icohtec.org](mailto:editor@icohtec.org).

For further information about format, please consult our guidelines on the ICOHTEC website (<http://www.icohtec.org/w-publications/publications-icon/guidelines-for-contributors/>). Please consider publishing your research in the annual journal! Language and other help is provided to everyone who submits if desired. Submissions and other queries should be sent to [editor@icohtec.org](mailto:editor@icohtec.org). Detailed notes for contributors are available at <http://icohtec.org/publications-icon.html>.

### **I.6.2 Book Reviews Editor for ICON is sought**

ICON is looking for a book reviews editor! We're looking for an enthusiastic and well-organized historian of technology who would like to take on this role. The book reviews editor invites reviewers for recent books in the history of technology and science that are provided by the publishers and manages the submission of the reviews, ultimately collecting all the reviews and forwarding them to the journal editor. The book reviews editor would start work immediately, managing reviews for the next issue of ICON, which will appear in early 2019. English language editing of the reviews will be carried out by the editor in chief of ICON. If you have an interest in the field and are willing to take on this job, we welcome submission of a short statement of interest (one paragraph) and a short CV (one page). A decision will be made by the end of July. ICOHTEC does not offer remuneration for work but a book reviews editor gets a lot of opportunities for networking. Send your proposal to present editor-in-chief, Hermione Giffard at [editor@icohtec.org](mailto:editor@icohtec.org)

*Hermione Giffard*  
Editor of ICON

## **II. OPEN SOURCES**

### **Illuminism in a click: 'L'Encyclopédie' di Diderot e D'Alembert it's on Byterfly**

L'Encyclopédie des sciences is the first example of Encyclopaedia as well as one of the most important act of the European Enlightenment. Despite the censorships and political ban faced during the years of its publication, L'Encyclopédie is still one of the major cultural sources under a historical point of view. Together with its main editors – Denis Diderot and Jean-Baptiste Le Rond d'Alembert – more than 150 authors collaborated to its creation, including Domenico Paladini, Carlo Gregori, Ottaviano Diodati, Charles Nicolas Cochin e Giovanni Lorenzo Guidotti.

The encyclopedia was purchased by the National Research Council - Center of study on the history of technology in Genoa in 1970 at the cost of 700,000 lire, corresponding to 6093.16 € in the current exchange rate. It consists of 28 volumes including:

- ☺ 17 tomes including 71.181 entries;
- ☺ 11 tomes of illustrations (planches);

The reader can consult voices, themes and illustrations related to scientific, artistic and technical subjects, among them many laboratory instruments and work tools like the still, the chisel, the shovel the jack. By including *L'Encyclopédie* in its portfolio, *Byterfly* offers the users the possibility to using a seminal primary source and that making available the full digitalization of the document

on which it is possible to perform extensive searches through a special search key that promptly identifies the exact point where the item or term is located. The high definition of the images gives the user the possibility to visualize the numerous planches in great detail.

To access the Encyclopédie in Byterfly: [Repository Byterfly](#)

For the the index of all the collections: [Collezione Encyclopédie](#)

For further information you can contact:

Anna Perin, Cnr - Istituto di ricerca sulla crescita economica sostenibile

Via Real Collegio, 30 10024 Moncalieri TO

[anna.perin@cnr.it](mailto:anna.perin@cnr.it) ; +39 0116824928

### **Erasmus Journal for Philosophy and Economics (EJPE)**

The latest issue of the Erasmus Journal for Philosophy and Economics (EJPE) is now available online at <http://ejpe.org/>. Please see below for an overview of the issue and visit our website for more!

**EJPE** is a peer-reviewed bi-annual academic journal supported by the Erasmus Institute for Philosophy and Economics at the Philosophy Faculty of Erasmus University Rotterdam. EJPE publishes research on the methodology, history, ethics, and interdisciplinary relations of economics, and welcomes contributions from all scholars with an interest in any of its research domains. EJPE is an Open Access Journal: all the content is permanently available online without subscription or payment.

#### **OVERVIEW OF EJPE ISSUE 2, VOLUME 11, 2018**

#### **ARTICLES**

#### **Special issue *On the Very Idea of a Just Wage***

- *On the Very Idea of a Just Wage (editorial)*

HUUB BROUWER AND THOMAS MULLIGAN -- DOI: <https://doi.org/10.23941/ejpe.v11i2.378>

- *On the Very Idea of a Just Wage*

JOSEPH HEATH -- DOI: <https://doi.org/10.23941/ejpe.v11i2.326>

- *Wages, Talents, and Egalitarianism*

ANDREW LISTER -- DOI: <https://doi.org/10.23941/ejpe.v11i2.332>

- *The Wage Setting Process*

THOMAS CHRISTIANO -- DOI: <https://doi.org/10.23941/ejpe.v11i2.339>

- *On the Very Idea of an Efficient Wage*

PETER DIETSCH -- DOI: <https://doi.org/10.23941/ejpe.v11i2.340>

- *Just Wages in Which Markets? The Embeddedness of Markets and the Very Idea of an Unjust Wage*

LISA HERZOG -- DOI: <https://doi.org/10.23941/ejpe.v11i2.331>

- *Is the Market Wage the Just Wage? A Reassessment of Factor Pricing and Distributive Justice*

PETER J. BOETTKE, ROSOLINO CANDELA, KAITLYN WOLTZ

DOI: <https://doi.org/10.23941/ejpe.v11i2.337>

- *Just Wages, Desert, and Pay-What-You-Want Pricing*

TEUN DEKKER -- DOI: <https://doi.org/10.23941/ejpe.v11i2.336>

- *Do People Deserve their Economic Rents?*

THOMAS MULLIGAN -- DOI: <https://doi.org/10.23941/ejpe.v11i2.338>

- *Why a Uniform Basic Income Offends Justice*

JULIA MASKIVKER -- DOI: <https://doi.org/10.23941/ejpe.v11i2.335>

- *The Domain of Desert Principles for Taxation*

STEVEN M. SHEFFRIN -- DOI: <https://doi.org/10.23941/ejpe.v11i2.327>

#### **INTERVIEW**

*Thinking by Drawing: An Interview With Shelly Kagan*

SHELLY KAGAN -- DOI: <https://doi.org/10.23941/ejpe.v11i2.379>

#### BOOK REVIEW

*John Mizzoni's Evolution and the Foundations of Ethics*

VAIOS KOLIOFOTIS -- DOI: <https://doi.org/10.23941/ejpe.v11i2.380>

#### PHD THESIS SUMMARY

*Moral Uncertainty Over Policy Evaluation*

KIAN MINTZ-WOO -- DOI: <https://doi.org/10.23941/ejpe.v11i2.351>

### Journal of History of Science and Technology

*The Journal of History of Science and Technology* (HoST,) is a peer-reviewed open access journal, available online, published in english by De Gruyter, as a result of a partnership between four portuguese research units (CIUHCT, CIDEHUS, Institute for Social Sciences, and Institute of Contemporary History).

17

#### Contents of volume 12.1

This is a special issue on Railway History that contains an introduction by the Guest Editor Hugo Silveira Pereira, two research articles and two literature review articles, which cross sub-fields of History (Labour History, Colonial History, Digital Humanities, and Business History) with History of Technology:

- ♣ Opening essay by *Jürgen Renn* on the role of science and technology in the era of Anthropocene framed by Historical Epistemology, "[The Evolution of Knowledge: Rethinking Science in the Anthropocene](#)"
- ♣ "[Introduction – New Insights and Perceptions on Railway History](#)", Hugo Silveira Pereira
- ♣ "[The Transfer of Railway Technologies and Afro-Asian Labor Processes within the British Empire](#)", Ian J. Kerr
- ♣ "[Colonial Railways and Conflict Resolution Between Portugal and the United Kingdom in Africa \(c. 1880–early 1900s\)](#)", Hugo Silveira Pereira
- ♣ "[The Transport Revolution on Land and Sea: Farming, Fishing, and Railways in Great Britain, 1840-1914](#)", Robert M. Schwartz
- ♣ "[Railway Towns: a Long-term Global Perspective](#)", Domingo Cuéllar

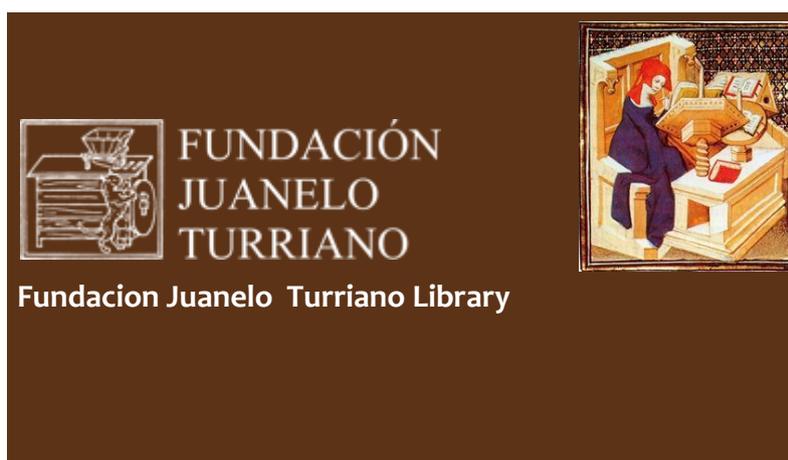
Three book reviews framed within the recent HSTM historiography:

- ♣ "[Radiation Brain Moms and Citizen Scientists: The gender politics of food contamination after Fukushima](#)", Mónica Truninger
- ♣ "[For Fun and Profit: A History of the Free and Open Source Software Revolution](#)", Ignasi Meda-Calvet
- ♣ "[Wiring the World: The Social and Cultural Creation of Global Telegraph Networks](#)", Ana Paula Silva

[HoST Website](#)

[Back issues before 2015](#)

## The Fundación Juanelo Turriano Library



Fundación Juanelo Turriano has launched a new library platform that offers conventional library services, such as reference and lending, online. The ultimate objective is to digitise the entire physical collection preserved at the Foundation Library.

18

Check the repository to look for the most recent updates:

[https://biblioteca.juaneloturriano.com/?utm\\_source=Newsletter&utm\\_medium=newsletter&utm\\_campaign=Newsletter+153+November+2018](https://biblioteca.juaneloturriano.com/?utm_source=Newsletter&utm_medium=newsletter&utm_campaign=Newsletter+153+November+2018)

### ISIS Bibliography

The History of Science Society and the Isis Bibliographer are interested in making better tools for scholarship in the 21<sup>st</sup> century, so we have created a survey and would like your help. If you are a researcher, teacher, librarian, curator, or other interested scholar in the field of history of science, technology, and medicine or allied fields, please answer the short survey

<https://www.surveymonkey.com/r/HSS2018DigitalScholarship> about your research methods. Your opinions are important even if you do not consider your research digital in any way. Also, you can be entered in to a drawing to **receive a one-year e-membership to the History of Science Society** with access to Isis and other benefits (or a **\$25 gift card** if you are already an HSS member). Two awards of each type are available. The drawing will be held in late January. Incidentally, the survey is anonymous, and the drawing entry form is not connected to the survey collector). **The deadline to be considered for the survey is January 31.**

Sincerely Yours

Stephen P. Weldon, The University of Oklahoma Department of History of Science  
Associate Professor of History of Science & Isis Bibliographer

<https://data.isiscb.org/>

### III. Pickstone Prize 2018

#### British Society for History of Science, 2018' Pickstone Prize Winner

The British Society for the History of Science is delighted to award the 2018 Pickstone Prize to Michael Wintroub for his book *The Voyage of Thought: Navigating Knowledge across the Sixteenth-Century World* (Cambridge University Press, 2017). The second prize has been jointly awarded to Paola Bertucci for *Artisanal Enlightenment: Science and the Mechanical Arts in Old Regime France* (New Haven, CT: Yale University Press, 2018) and Rohan Deb Roy for *Malarial Subjects: Empire, Medicine and Nonhumans in British India, 1820–1909* (Cambridge: Cambridge

University Press, 2017) Read more about the 2018 Prize on the BSHS website [here](#). The judging panel for the 2018 Pickstone Prize was chaired by Dr Tim Boon (Head of Research and Public History, Science Museum). It included Dr Patricia Fara (University of Cambridge), Professor Charlotte Sleigh (University of Kent and Editor of the British Journal for the History of Science) and Dr Elizabeth Haines (University of Bristol).

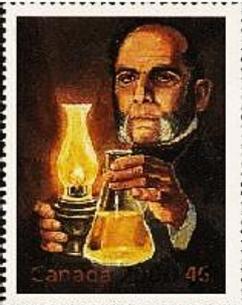
#### IV. CALLS FOR PAPERS



**CALL FOR PAPERS**  
ABSTRACT DEADLINE: April 15, 2019

**PETROLEUM HISTORY  
INSTITUTE**

**2019 ANNUAL SYMPOSIUM AND FIELD TRIP**



**Saint John, New Brunswick, Canada**  
*The Land of Gesner*

**June 27-29, 2019**

REGISTRATION AND EVENING RECEPTION  
Thursday, June 27, 2019

PRESENTATIONS – ORAL AND POSTER – Friday, June 28, 2019  
Proceedings to be published in the 2019 volume of *Oil-Industry History*

FIELD TRIP – Saturday, June 29, 2019

HEADQUARTERS HOTEL – Hilton Saint John, One Market Square, Saint John, NB, E2L 4Z6, CN;  
506-693-8484; 1-800-561-8282

For Group Rate Mention “Petroleum History Institute” - Group nightly rates good until June 7, 2019  
Wednesday June 26 (5 rooms); Thursday June 27 (10 rooms); Friday June 28 (18 rooms); Saturday June 29 (10 rooms)  
Standard – \$CN129; Plus Taxes.

For symposium details, see: [www.petroleumhistory.org](http://www.petroleumhistory.org)

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)



19

For further info and to send your abstract: <https://petroleumhistory.org/>

**Energy and Scale: Trans-scalar and multi-scalar interactions in energy transitions**

**Date:** Wednesday, 18-21 September, 2019

**Location:** Calgary and the Banff Centre, Banff, Canada

**Convened by:** Energy In Society, Calgary Institute for the Humanities (CIH), University of Calgary, Calgary, Canada and the Max Planck Institute for the History of Science (MPIWG), Berlin, Germany

**Call for Abstracts:**

Abstract submission deadline: **15th January 2019**

Length: 300-500 words

Please email to [eis@ucalgary.ca](mailto:eis@ucalgary.ca)

**Conference Details:**

On Christmas Eve 1968, U.S. astronaut William Anders took a photograph of the Earth from Apollo 8, the first manned spaceflight mission to leave the Earth's orbit and circle the Moon. His famous shot, known as "Earthrise," was the first color photograph of the Earth from space. Arguably, this extraplanetary view, transcending terrestrial perspectives, conveyed a sense of a closed but fragile planet moving in cosmic time. Over a century earlier, after the John Bull steam locomotive was first imported to North America, the Camden and Amboy Rail Road company suggested the train possessed a "power which has almost annihilated time and space." But with the deployment of railways, time and space were not so much destroyed as pluralized. In 1840, German physician Julius Robert Mayer undertook a voyage to the Dutch East Indies. Observing the blood of the ship's sickly crew, he discerned a relation between blood's colour, its oxygenation, and human metabolism, leading him to discern a unifying and indestructible force connecting man and nature: energy. Energy therefore both occupies and unifies distinct domains and has a transformative capacity and ability to bring about trans-scalar interactions. Moreover, the human use and understanding of energy has transformed conceptions of scale. By the time of the Apollo mission, the mobilization of energy and matter had entered into what has become known in recent years as the "Great Acceleration," an unprecedented rise in the anthropogenic mobilization of energy and matter. As a result of this increased rate of environmental throughput, it has been argued that we have entered a new geological epoch shaped by human action, the Anthropocene. Scale is central to this idea, in so far as myriad individual actions at a local level have resulted in alterations to environmental dynamics at a planetary scale. If energy transitions are understood as social transitions and transformations of socio-technical systems, then views and narratives of what constitutes those systems are important in understanding how we address energy transitions at various temporal and spatial scales. Energy transition studies has become a thriving field of research in the natural and human sciences. However, bridging different scientific traditions and sharing insights across disciplines has been challenging. Using the concept of scale may be one way of bringing together innovative research in the natural, engineering, and social sciences and the humanities. Scale can simply refer to the object of study or specific chronological and spatial arrangements that range from the microlevel to the planetary. Histories and geographies of energy transitions already include conceptions of timescale and place addressing multiple scales of economic and social activities. But scales are in themselves constructed and can be imagined or are the outcome of practices of scaling. Many scholars point out how our economic system requires the construction of scale in order to support global production, trade and consumption, which are often understood separately. Scales can also be political, in that they can (de)legitimize and (dis)empower different experiences (individual, group, nation, global) and settings (local, regional, planetary). In the natural sciences, scale is critical to modelling future energy transitions; scaling up or scaling down is an integral part of engineering practices, and of testing and operationalizing new energy technologies. This two-day academic conference seeks to encourage dynamic interdisciplinary discussion in relation to scale and scalability in energy transitions. We ask participants to reflect on the meanings of scale, and are particularly interested in contributions that openly address the productive convergence of different approaches, different ends of the scale, as well as different dimensions of problems. Broadly, we pose the following questions:

- ☞ How can concepts of scale facilitate cross-, multi- or interdisciplinary policy-relevant research on energy transitions?
- ☞ What are the different ways that scale can be understood and inform research on energy transitions?
- ☞ Areas of interest include, but are not limited to:
  - ☞ Energy and the Anthropocene
  - ☞ Planetary energy histories
  - ☞ Planetary energy futures
  - ☞ Scalar relations
  - ☞ Upstream and Downstream
  - ☞ Technologies of scale
  - ☞ Power and scale / politics of scale / scales of politics
  - ☞ The everyday of the planetary
  - ☞ Spatial reconfigurations and contexts, geographies of scale
  - ☞ Micro /meso / macro levels of energy transitions, and scalar interactions, multiscalarity
  - ☞ How are energy scales produced?

We invite proposals from all fields that examine energy transitions. Abstracts for 20-minute presentations should be about 300-500 words and accompanied by an extended bio (300 words). Accepted authors will be asked to pre-circulate extended abstracts (800-1000 words) with the aim of publishing contributions in an edited volume or special journal issue. Confirmation of successful abstract submissions will be sent out in February. The conference starts with an evening event in Calgary (18th September) and continues (19th – 21<sup>st</sup> September) at the Banff Centre, which is nestled in the Canadian Rocky Mountains. Transport from Calgary to Banff will be provided. We are applying for funding to cover conference fees and meals, but will not be able to pay for accommodation and flights. We have organized reduced rates for accommodation at the Banff Centre. A limited number of rooms will be available for an extra night at the reduced rate after the conference. Website: [www.energyinsociety.com](http://www.energyinsociety.com)

**International Congress on the History of Science in Education, May  
30 – June 1, 2019, Vila Real, Portugal**

The International Congress on the History of Science in Education is a joint organization of the University of Trás-os-Montes and Alto Douro (utad), University of Porto (up), University of Coimbra (uc) and University of S. Paulo (usp), and it will take place on May 30, 31 and June 1, 2019, at Polo 1 of the School of Human and Social Sciences of utad, Portugal. The ichse aims to bring together researchers, professors and students, interested in the history and teaching of Biology, Geology, Chemistry, Physics and Mathematics, as well as Educational Sciences, Engineering, Medicine, Pharmacy, Biochemistry, Anthropology, Astronomy, Psychology, Economics, Sociology, Ecology, Molecular Biology and Nanosciences, among others, in a multi-centered and multidisciplinary debate. In addition to works focused on teaching, education, didactics and dissemination of sciences, ichse seeks to bring together reflections and studies of a more general, disciplinary or interdisciplinary nature, in the history of culture, technology and industry, as well as epistemological, historiographic, biographical or prosopographic. Other topics relevant to the history of science and teaching, such as gender studies, the teaching of science in a foreign language and, in general, the various aspects of the interactions between science, technology and the humanities are very important welcome to the dialogue space that ichse seeks to create. Plenary Speakers:

- ☞ Carlos Fiolhais, Physics, Universidade de Coimbra

- ☞ Jorge Varanda, Anthropology, University of Coimbra
- ☞ Maria Elice Prestes, Biology, Universidade de São Paulo
- ☞ Michael Matthews, Education, University of New South Wales

Abstract submission: **January 31, 2019**

Full text submission; **March 31, 2019**

Conference Chair: Isilda Rodrigues, [isilda@utad.pt](mailto:isilda@utad.pt), Department of Education and Psychology, University of Trás-os-Montes e Alto Douro, utad, Vila Real, Portugal.

### **15th International History, Philosophy and Science Teaching Group (IHPST) Biennial Conference, Thessaloniki, July 15-19, 2019**

The conference will take place at the Aristotle University of Thessaloniki which was founded in 1925 and occupies an area of 33 hectares in the city centre. The conference will open on Monday afternoon with registration, an opening session and a welcome reception. On Tuesday, Wednesday and Thursday there will be full-day presentations. There will be scheduled opportunity to visit cultural sites and events in Thessaloniki.

Abstract submission: **January 20, 2019**

Final paper submission: **March 20, 2019**

Full conference information: <http://ihpst2019.eled.auth.gr/>

Conference Chair: A/Professor Fanny Seroglou: [ihpst2019@eled.auth.gr](mailto:ihpst2019@eled.auth.gr)

## **V. CALL FOR MANUSCRIPTS**



The editorial staff of the journal *Engineering Studies* is seeking manuscripts on social and cultural aspects of engineers and engineering broadly defined. Our mission is:

- ✓ to advance critical analysis in historical, social, cultural, political, philosophical, rhetorical, and organizational studies of engineers and engineering;
- ✓ to help serve diverse communities of researchers interested in engineering studies;
- ✓ to link scholarly work in engineering studies with broader discussions and debates about engineering education, research, practice, policy, and representation.

The editors of *Engineering Studies* are interested in papers that consider the following questions:

- ✓ How does this paper enhance critical understanding of engineers or engineering?
- ✓ What are the relationships among the technical and nontechnical dimensions of engineering practices, and how do these relationships vary over time and space?

We invite works from humanists and social scientists studying the historical, political, philosophical, rhetorical, organizational, geographic, literary, or other dimensions of engineering. Practitioners in technical communication, technical work, engineering education, and policy studies are also invited to submit research which brings critical analysis to bear on the ideologies and assumptions underlying engineering's culture and practice.

*Engineering Studies* publishes regular research articles, systematic literature reviews, reports, book reviews, and Critical Participation pieces. The latter should make an intervention in the engineering studies and/or engineering communities. Regular research articles will be double-blind reviewed and Critical Participation articles single-blind by expert referees under the guidance

of an Associate Editor. See <http://www.tandfonline.com/toc/test20/current> for information on style, scope, formatting, and how to submit a manuscript.

*Engineering Studies* is the journal of the International Network for Engineering Studies. Members of the Network receive a subscription to *Engineering Studies* in addition to resources for teaching, research, and dialogue in the field of engineering studies. For more information go to [www.inesweb.org](http://www.inesweb.org). Memberships and subscriptions run January 1 to December 31 of each year; memberships registered after November 1, 2018 will be valid for calendar year 2019. Please contact the editor in chief, Cyrus Mody ([c.mody@maastrichtuniversity.nl](mailto:c.mody@maastrichtuniversity.nl)), with further queries regarding *Engineering Studies*.

### **Textual Practice special issue**

#### **Call for manuscripts on WRITING EXTRACTIVISM**

We invite article-length contributions to a proposed special issue on the topic of writing extractivism. The journal **Textual Practice** has expressed its interest in publishing the issue. Please submit a 500-word abstract to Justin Parks at [justin.parks@uit.no](mailto:justin.parks@uit.no) by April 15, 2019 if you wish to have your work considered for inclusion.

Extractivism is a term most often understood in relation to large-scale, profit-driven operations for the removal of natural resources such as petroleum, minerals, lumber, and other commodities. In an extended sense, the term refers more generally to an attitude in which the resources of the earth—natural, human, informational—serve a means-ends function, in which they stand as commodities to be extrapolated and turned to profit. Extractivism thus names a range of practices associated with the still-dominant logic of growth and acceleration associated with late (or neoliberal) capitalism, but beyond that, it names a habitus associated with life in modern and contemporary societies, in which our agency as subjects is thoroughly energy-dependent, underwritten by narratives of abundant resources available for the taking.

Literature - and writing more generally - has been a fundamental practice in the effort to understand our relationship with the extractivist modes that all too often remain concealed from view even as they determine the contours of our lives. Our concern in the essays comprising this special issue will thus be with literature's ability to document, expose, and critique the fundamental assumptions of extractivist thinking. How has literature, in various contexts and historical moments, been enlisted to render visible the particular histories of various sites associated with extractivism and its effects? How can such representations of specific sites of extraction be placed into dialogue so as to reveal commonalities across space and time? And finally, how has literature served as a catalyst in the collective effort to imagine alternative social structures and lifeways to the ones enabled by the fossil fuel economy? As the essays included in this issue will demonstrate, literature has played—and continues to play—a crucial role in exposing and challenging ideologies enabling the extractivist practices associated with the current climate-related crisis.

## **VI. TENSIONS OF EUROPE SUMMER SCHOOL**

### ***Towards Digital Science and Technology Studies: Challenges and Opportunities***

**Luxembourg, 25-27 June 2019**

We live in the digital age. That has a significant impact on the way we do scholarly research, and especially for early stage scholars that seems to be crucial. On the one hand, digitization brings

new opportunities by enlarging the methodological and thematic horizons. On the other hand, it sets a number of challenges on how to employ new methods, use digital applications, and adapt to a rapidly changing academic community. But why do we actually need digital methods in our research? The Early career scholars network (<https://www.tensionsofeurope.eu/tensions-of-europe-early-career-scholars-network/>) of Tensions of Europe, in connection to the 9<sup>th</sup> Tensions of Europe (ToE) Conference (<https://www.tensionsofeurope.eu/about-us/conferences/>), organizes a Summer School to discuss challenges and opportunities of digitization in the field of science and technology studies (STS). The Summer School relates to the overall conference theme “Decoding Europe: Technological Pasts in the Digital Age”. We invite participants from the field of science, technology and medicine studies, both from historical and other social disciplines. We envisage an interdisciplinary dialog and propose to discuss the following questions, *among others*:

- ♣ Why does digital history matter?
- ♣ What are challenges /obstacles of doing digital history and how to cope with them?
- ♣ What are specificities of digital history of technology and, more broadly, STS?
- ♣ What are opportunities of digital humanities?
- ♣ What digitization and historic source criticism mean?
- ♣ What is specific in teaching digital history and using digital methods?
- ♣ How do we imagine the future of STS in the age of digitization?

We hope for a fruitful discussion that can inspire and help all participants in their future research, and explicitly invite young scholars that may not specifically working on digitization or digitalization, but still be interested in the topic. The school will include lectures, master classes, workshops, discussion rounds and outdoor activities.

### **The Early Career Scholars network**

The Tensions of Europe Early Career Scholars network is self-organized and gathers PhD students, post-doctoral scholars and non-tenured academics. The network is supported and acts as part of the Tensions of Europe Network. The general aim is to actively engage in debates within ToE and to facilitate international networking among young scholars. The network provides an informal, open space for discussing research ideas and career development.

### **Location and travel grants**

The summer school will take place at the University of Luxembourg from the 25<sup>th</sup> to the 27<sup>th</sup> June, 2019 in the Centre for Contemporary and Digital History (C<sup>2</sup>DH). The participants of the summer school are expected to be on-site, but in some of the sessions, we might also be able to include a few on-line participants. Those who apply for that option should include that in their application. The ToE network will offer several travel grants for conference participants. To apply for these travel grants, Summer School participants will also have to attend the conference, and should apply through a form they can find at <http://www.toe2019.org/registration/>.

In order to promote network building, the Summer School is organized largely around workshops and group discussions. It will start on Tuesday (25<sup>th</sup> June) afternoon and will last until Thursday, 12:30. Participants will be asked to read texts and write short contributions for the workshops, describing their own challenges with digitization. Invited experts will make short presentations on relevant topics, which will be followed by discussions. The deadline for submitting these contributions will also be communicated to the participants at that time.

### Tentative Programme:

|             | Tuesday (25 June)         | Wednesday (25 June)                            | Thursday (25 June)                              |
|-------------|---------------------------|------------------------------------------------|-------------------------------------------------|
| 09:00-10:30 | [Arrival]                 | Workshop: Digital Preservation and Collections | Round Table: Discussion about literature/topics |
|             | <b>Coffee Break</b>       |                                                |                                                 |
| 11:00-12:30 | [Arrival]                 | Workshop: Digitalization and Teaching          | Ethical Challenges                              |
|             | <b>Lunch Break</b>        |                                                |                                                 |
| 14:00-15:30 | Opening                   | Working with Big Data                          | [Conference registration]                       |
|             | <b>Coffee Break</b>       |                                                |                                                 |
| 16:00-17:30 | History of Digitalization | Digital Humanities and History of Technology   | [ToE Opening]                                   |
| evening     | Dinner                    | Walking tour through Luxembourg city           |                                                 |

#### How to apply

We invite applicants to submit a short bio (no more than one page) and a short text (350-500 words) explaining their interest in the topics of the Summer School and how their work would benefit from these discussions. Proposals should be sent until **30<sup>th</sup> January 2019** to [len.kochetkova@gmail.com](mailto:len.kochetkova@gmail.com) or [elitsastoilova@gmail.com](mailto:elitsastoilova@gmail.com) with a title “ToE Summer School Proposal”.

Respectfully,

Elitsa Stoilova, Elena Kochetkova, Roberto Cantoni and Falk Flade on behalf of the Tensions of Europe’s Early Career Scholars network.

## VII. JOBS, POSTDOCTORAL POSITIONS, AND RESEARCH FELLOWSHIPS

### Germany

[Research Associate at Center for Popular Culture and Music](#) University of Freiburg, Center for Popular Culture and Music

[Wiss. Employee \(Praedoc\) with 1/2-part-time employment at Department of History and Cultural Studies](#) Free University of Berlin, Department of History and Cultural Studies Ireland

[Assistant Professor in Twentieth-Century European History](#) Trinity College Dublin, School of Histories and Humanities

### Netherlands

[Assistant Professor in European Politics and Society](#) University of Groningen, Faculty of Arts

[Postdoctoral position Digital Media History - Mapping Transnational Conflict Heritage](#) University of Amsterdam, Faculty of Humanities – Amsterdam School for Heritage, Memory and Material Culture

[PhD position Media Collections as Conflict Heritage in Central-Eastern Europe, 1930-1960](#) University of Amsterdam, Faculty of Humanities – Amsterdam School of Heritage, Memory and Material Culture

### United Kingdom

[Leverhulme Early Career Fellowships](#) University of East Anglia, Faculty of Arts and Humanities  
[PhD Studentship: Modern Russian & East European Social/Economic History](#) University of Nottingham, Department of History

[Nolloth Professor of the Philosophy of the Christian Religion](#) University of Oxford, Faculty of Theology and Religion

### United States

[History of Consciousness: Lecturer Pool \(Ongoing\)](#) University of California, Santa Cruz, Humanities Division - History of Consciousness

[History: Modern Chinese History - Associate or Full Professor](#) University of California, Santa Cruz, Humanities Division - History

[History Department: Lecturer Pool \(Ongoing\)](#) University of California, Santa Cruz, Humanities Division - History

[Feminist Studies: Feminist Studies and Africana Studies - Assoc/Full Prof](#) University of California, Santa Cruz, Humanities Division - Feminist Studies

[Critical Race and Ethnic Studies Program: Lecturer Pool \(Ongoing\)](#) University of California, Santa Cruz, Humanities Division - Critical Race & Ethnic Studies

[Art Department: Visual Art Theory and Writing Lecturer Pool \(Ongoing\)](#) University of California, Santa Cruz, Arts Division - Art

[History of Art and Visual Culture Department: Lecturer Pool \(Ongoing\)](#) University of California, Santa Cruz, Arts Division - History of Art and Visual Culture

[Art & Design- Games and Playable Media: Lecturer Pool \(Ongoing\)](#) University of California, Santa Cruz, Arts Division - Games & Playable Media

[Temporary Teaching Opportunities in History](#) University of California, Davis, Letters and Science: Social Sciences

[Assistant Professor in Modern Chinese Literature, Film, and Cultural Studies](#) University of California-Santa Barbara, College of Letters & Science - Humanities and Fine Arts - East Asian Languages and Culture

[Assistant Professor in Medieval Literature and Culture](#) University of California-Santa Barbara, College of Letters & Science - Humanities and Fine Arts - English

### PhD position, Ghent University & Università Ca' Foscari, Venice

The PhD student will work on a specific project under the supervision of Prof. Dr. Steven Vanden Broecke (Ghent University) and Prof. Dr. Craig Martin (Università Ca' Foscari, Venezia).

Project abstract: *The period 1700-1840 witnessed the flowering of a new 'atmospheric tides' science. The basic assumption of this science was that Sun and Moon not only generate significant tidal effects in the earth's seas, but in its atmosphere as well. These atmospheric tides (henceforth AT) were held responsible for important weather changes, as well as for a variety of health issues in the human body (e.g. insanity, epilepsy, epidemics), thus rendering the latter predictable and manageable. Interestingly, AT science's practitioners, audiences and critics all saw considerable continuities between the 'pseudo-science' of astrology and the new science on the conceptual, methodological, social, and cultural levels. So far, research on the history of AT science has been limited, and has*

generally focused on the English case - undeservedly so, for AT science was both a pan-European phenomenon and offers a unique opportunity to clarify important aspects of the emergence of modern scientific culture. More specifically, AT science offers a privileged view on the precise way in which official science appropriated and transformed 'pseudo-science' for its own purposes in the Enlightenment. Focusing on AT science in France and Italy in the period 1750-1830, this project seeks to generate a more refined understanding of the apparent 'death' of astrology in the 18th century, and to further explore its appropriation and transformation into the 19th century.

This position, fully funded (100%) by the Flemish Council for Scientific Research (FWO-V), provides a competitive PhD scholarship (ca. 2000 EUR/month net, 2+2 years), benefits, and research funds. The primary workplace will be at UGent, a top-100 institution worldwide, offers a dynamic and international academic environment where PhD students are involved in high quality training and research. The Sarton Centre for the History of Science hosts an active and engaging group of historians and philosophers of science, and has particular expertise in early modern European science. For more information, see: <http://www.sarton.ugent.be/>. The secondary workplace is the Department of Philosophy and Cultural Heritage at Università Ca' Foscari Venezia, which promotes an active research program in early modern philosophy, history of science, and intellectual history. It is home for the Center for Renaissance and Early Modern Thought. For more information, see: <https://www.unive.it/pag/27827/>

Candidates need to have:

- a master's degree in the humanities by the starting date of the scholarship, including, but not limited to, the fields of: History, Classical Languages, Modern Languages, Literature, History of Medicine and Science, and History of Philosophy;
- evidence of an active interest in the history of (early modern) science;
- good writing skills in English;
- good reading skills in either French or Italian, and firm commitment to acquire skills in the other language during the first year of research (if necessary);
- a willingness to take up extended research stays of a few months each (Paris and Venice/Padua).

Starting date of the scholarship: **1 October 2019 at the latest**. You are invited to send a CV, a research sample (e.g., a chapter of your MA dissertation) and a motivation letter in English by **28 February 2019** to Steven Vanden Broecke ([steven.vandenbroecke@ugent.be](mailto:steven.vandenbroecke@ugent.be)) and Craig Martin ([craighedwin.martin@unive.it](mailto:craighedwin.martin@unive.it)). We reserve the right to close this vacancy earlier, if a qualified candidate is found before the deadline That's Italy, folks!

### **Eisenbibliothek Stiftung der Georg Fischer AG Scholar in Residence Program of the Iron Library**

The Iron Library offers twice a year a scholar the possibility of intensive study of its holdings as 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 Clarissan 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 research 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 curriculum vitae (resume);
- a detailed description of the project that makes it clear which holdings in the Iron Library are to be consulted (maximum 1000 words).

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. 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)

### **IEEE HISTORY FUNDING OPPORTUNITIES 2019**

#### **IEEE Life Member History Fellowship, 2019 – 2020**

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 2019 – 2020 academic year is **1 February 2019**. 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, 2019**

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. For summer 2019, the Center would love to engage a scholar interested in the history of spaceflight, but that is not a requirement. 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 2019. More details can be found at [https://www.ieee.org/about/history\\_center/internship.html](https://www.ieee.org/about/history_center/internship.html).

**2019-2020 Fellowship and Internship Opportunities at the  
American Philosophical Society Library**

The American Philosophical Society Library in Philadelphia invites applications for long and short-term research fellowships for scholars working in **all fields**, and especially those working on projects pertaining to the **history of science, technology, and medicine; early American history; and Native American and Indigenous Studies**. The Library is also accepting applications for its 8-week Andrew W. Mellon Foundation Native American Scholars Initiative (NASI) Summer Undergraduate Internship program. The strongest applications will demonstrate a clear need to consult materials housed in the APS Library and will list which collections will be used during the fellowship term. Comprehensive, searchable guides and finding aids to our collections are available online at [www.amphilsoc.org/library](http://www.amphilsoc.org/library).

- ♥ The deadline for **all long-term residential fellowships** (including Andrew W. Mellon Foundation Native American Scholars Initiative (NASI) Predoctoral and Postdoctoral Fellowships, Friends of the APS Predoctoral Fellowships in Early American History (up to 1840), and Predoctoral and Sabbatical Fellowships in the History of Science) is **February 1, 2019**.
- ♥ The deadline for **Andrew W. Mellon Foundation Native American Scholars Initiative (NASI) Summer Undergraduate Internships** is **February 15, 2019**.
- ♥ The deadline for **all short-term fellowships** (including Short-Term Library Research Fellowships, Digital Humanities Fellowships, and Digital Knowledge Sharing Fellowships) is **March 1, 2019**.

For more information about available grant and fellowship opportunities at the American Philosophical Society, please visit <https://www.amphilsoc.org/grants/fellowships>. Questions about the fellowship program may be directed to [libfellows@amphilsoc.org](mailto:libfellows@amphilsoc.org).

**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. To apply, please submit materials to <https://apply.interfolio.com/56007>.

**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. To apply, please submit materials to <https://apply.interfolio.com/55932>.

**Friends of the American Philosophical Society Predoctoral Fellowship in Early American History**

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). To apply, please submit materials to <https://apply.interfolio.com/56009>.

**Predoctoral and Sabbatical Fellowships in the History of Science**

These 12-month fellowships are intended for advanced Ph.D. students working toward the completion of the dissertation or for faculty taking a sabbatical leave. Applicants will receive a stipend of \$25,000, plus research and travel funds, to support twelve months of work on topics pertaining to the history of science, broadly defined. To apply, please submit materials to <https://apply.interfolio.com/57037>.

**Library Resident Short-Term Research Fellowship**

The APS’s short-term fellowships provide 1- to 3 months of support for researchers in residence who are using Library collections. Fellowships are open to researchers working in **all fields** who show a demonstrated need to use the Library’s collections for their project. A stipend of \$3,000 per month is awarded to all successful applicants for a minimum of one month and a maximum of three months. To apply, please submit materials to <https://apply.interfolio.com/56014>.

**Andrew W. Mellon Foundation Native American Scholars Initiative (NASI) Digital Knowledge Sharing Fellowship**

These fellowships complement the collaborative work undertaken by the Library’s [Center for Native American and Indigenous Research \(CNAIR\)](#) to support university- and community-based scholars working on digital projects that connect archives and Indigenous communities. DKS fellowships are open to scholars at all stages of their careers, especially Native American scholars in training, tribal college and university faculty members, and other scholars working closely with Native communities. Applicants may use materials hosted at the APS Library as well as those held at other archives and libraries. Successful applicants will receive a stipend of \$3,000 plus the costs associated with visiting the APS in Philadelphia to attend a summer workshop with other DKS fellows. To apply, please submit materials to <https://apply.interfolio.com/56341>.

### **Digital Humanities Fellowship**

These one-month fellowships are open to scholars at all stages of their careers who are developing digital projects that: 1) utilize the APS's Library holdings to advance a digital component of an independent research project, or, 2) seek to apply existing tools and expertise to digital projects developed in collaboration with the Library's Center for Digital Scholarship.

- ♣ Successful applicants will receive a stipend of \$3,000 per month upon arrival at the APS Library.
- ♣ Possible collaborative projects will focus on the Center's Open Data Initiative and would explore data sets created from either a) the Benjamin Franklin postal records kept during his tenure as Postmaster of Colonial Philadelphia, 1748-1752, or b) datasets created from a stout volume of indenture records for servants and redemptioners coming through the port of Philadelphia during the 1770s. Applicants interested in working on these project need not have special expertise in early American history.

To apply, please submit materials to <http://apply.interfolio.com/56792>.

### **Andrew W. Mellon Foundation Native American Scholars Initiative (NASI) Summer Undergraduate Internship**

These paid 8-week internships provide three talented undergraduates with the opportunity to conduct research, to explore career possibilities in archives and special collections, and to learn about advanced training in Native American and Indigenous Studies and related fields. The internship will take place from mid-June to mid-August 2019. During this time students will work at the APS Library and will also have the opportunity to travel to Native communities to share their work. The stipend is between \$3000 and \$3500 (depending on housing costs), plus a travel allowance. Further information about the internship and application process can be found at <https://apply.interfolio.com/56020>.

## **VIII. Join ICOHTEC**

An ICOHTEC membership makes you a member of the scholarly network of the UNESCO-based International Committee for the History of Technology, ICOHTEC.

The membership includes:

- Reduced fees for ICOHTEC's conferences
- ICOHTEC's reviewed journal ICON (published annually, ca. 200 pages)
- Electronic access to back issues of ICON (published since 1995)
- ICOHTEC's electronic Newsletter (published monthly – available via mailing list and on the homepage)

*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.**

32

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

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- 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:  2016  2017  2018  2019

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**After filling the form, please scan and send by email to Prof. Timo Myllyntaus, ICOHTEC Treasurer at [timmyl@utu.fi](mailto:timmyl@utu.fi). Your filled form will facilitate sending ICONs and allocating access privileges.**