

ICOHTEC NEWSLETTER

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Newsletter of the International Committee for the History of Technology ICOHTEC

Editor: Stefan Poser, Helmut-Schmidt-University Hamburg, Modern Social, Economic and Technological History, Holstenhofweg 85, D-22043 Hamburg, Germany, poser@hsu-hh.de

Editorial

Dear Colleagues and Friends,

Although it will take some time since we meet again in Rio de Janeiro for ICOHTEC's 44th symposium and the ICHSTM congress (23-29 July 2017) some preparation is needed: please upload your accepted papers on the website of ICHSTM. If you would like to give a paper in Rio and decided for this after our deadline in February, it is possible to submit an abstract again until **30 October 2016**. Timo Myllyntaus gives information about the congress and the procedure in his greetings and in the chapter "Restocking ICOHTEC's sessions". Please check in the list of ICOHTEC sessions, if you are mentioned.

Sławomir Łotysz, our Secretary General, informs about ICOHTEC's elections in Porto.

Best wishes
Stefan Poser

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I. ICOHTEC

I.1 Greetings from the President

Historians of science, technology and medicine will gather at The Praia Vermelha Campus of *Universidade Federal do Rio de Janeiro* (UFRJ), Brazil, on 23-29 July 2017. Its main building, the University Palace, will be the venue of about 1500 attendants from all over the world. Last spring, the International Programme Committee of ICHST accepted all fourteen sessions we proposed to the scientific schedule of the congress. You find information on these sessions at the official website of the congress (<http://www.ichst2017.sbhc.org.br/>). However, some changes to the sessions what we proposed have been done without consulting our Programme Committee. For example, two sessions on "*Epidemics and Technologies*" have been merged. While this change can be regarded as a technical modification, some substantial errors have emerged in our list of sessions. For instance, a session "*Visions and Realities of Automation in the 20th Century*" organised by Lars Bluma is missing. In contrast, our vice president Dick van Lente and four others of our session "*Politics in Construction Infrastructure*" are supposed to deliver – besides their own papers – extra presentations on "*Qing Scientific Drawings*". The published programme may include other mistakes what I have not noticed. Therefore, I ask everyone who has received a confirmation on the acceptance of his/her paper to the Rio Congress to check from the website

http://www.ichst2017.sbhc.org.br/conteudo/view?ID_CONTEUDO=289

whether information related to him/her is correct. If not, please let me know as soon as possible and I will gather all complaints and send them to the organisers of the Rio Congress.

We have now an opportunity to modify our sessions and paper proposals included them. In addition, we can delete, change and add papers to these accepted sessions but we are not allowed to propose any new session. In an article in this Newsletter, it is explained how propose modifications in the programme of the Rio Congress.

The early bird registration opens on 13 February 2017 and the full fee for this early registration is USD 220 until 14 April 2017, and the full late registration fee, valid until 30 June 2017, is USD 300. The full programme will be published online on 1 April and then we will see when we are supposed to deliver our papers. After that we will have eight weeks to book flight tickets and hotel rooms because the deadline for accommodation reservations via the organisers continues to May 2017. Of course, everyone is free to search for accommodation through channels which s/he prefers best.

The official website of the LOC provides a lot of information of this world congress, see <http://www.ichst2017.sbhc.org.br/site/capa>

Timo Myllyntaus

I.2 Restocking ICOHTEC's sessions at 25th ICHST, 2017

Instructions

Present situation

The International Programme Committee (IPC), the top organ deciding on the programme of the Rio Congress, accepted all 14 sessions (including 84 paper abstracts) proposed by ICOHTEC's Programme Committee. Recently, the Local Organising Committee of the Rio Congress published all accepted sessions on its website. Unfortunately, there seem to be some errors.

Our next tasks

The immediate duty is to check the online list of our sessions and report on errors to the chair of our Programme Committee by email (timmyl@utu.fi). An abridged version of this list is at the end of these instructions. By clicking the attached link you will find information on the presenters of the accepted papers (http://www.ichst2017.sbh.org.br/conteudo/view?ID_CONTEUDO=289).

Uploading a paper that has already been accepted

Our programme committee urges each presenter in any of our accepted sessions to upload the title and abstract of his/her presentation as well as a short CV to the website of the congress via a link mentioned above.

The deadline for uploading the papers accepted in the summer is **25 November 2016**.

Below are guidelines how to make other possible modifications in your contributions to the ICOHTEC programme of the Rio Congress:

Modification of an accepted paper abstract and/or its title

The IPC provides an opportunity to modify our sessions and paper proposals included in them. For example, the presenters can change the title of their papers and make reasonable changes in their abstracts. In addition, we can delete, change and add paper abstracts and presenters to these accepted sessions but we cannot set up and propose any new sessions.

Follow the instructions of the IPC, especially those on the character limits, while revising your contribution. After careful checking of changes, please send your revised title and/or abstract to the organisers of your session and a cc to Timo Myllyntaus, timmyl@utu.fi. We need to work out our own list of sessions and their papers.

Important deadlines



30 Oct. – Sending paper proposals to session organisers.

3 Nov. – Submitting proposals to ICOHTEC's Programme Committee by session organisers.

25 Nov – Uploading accepted proposals to the database of the Rio Congress by the authors of accepted paper proposals

After modifications, the paper proposal should still fit the session in which it was originally accepted. The present has to upload his/her paper and cv to the submission system of the Rio congress following the instructions given below to the author's of new paper abstracts.

Cancellation of an accepted paper

Please, announce on the cancellation of your paper by sending an email message to the organisers of your session and cc-message to the chair of the ICOHTEC's Programme Committee, Timo Myllyntaus. Do this as soon as possible, because the session organisers need time to find a replacing presentation.

Proposal of a new paper abstract

Work out a paper abstract after reading at first the abstract of the particular session (ICOHTEC sessions are S-30 ... S-41) where you would like to present your paper (see the link above). By Monday **31 October**, send your paper abstract to the session organisers, who are expected to confirm to the ICOHTEC's Programme Committee that the proposed new paper fit their session. They are also to upload your abstract and cv to our ICOHTEC submission database or send them to the chair of ICOHTEC's Programme Committee by Thursday **3 November**. The Programme Committee evaluates it and announces its decision to the submitter and his/her session organisers.

Finally, the person whose paper has been accepted, has to upload his/her paper proposal him/herself to the website of the Rio Congress, because the programme asks personal questions, for example the passport number. The deadline for this final uploading is Friday **25 November**.

The link for submitting papers to the ICOHTEC Symposium is

<http://www.ichst2017.sbh.org.br/pessoaevento/busca>

Be prepared to provide the following information: Number of your passport, short CV, an abstract of max. 2500 characters with spaces, 3-5 keywords and Symposium Proposal Code (Code of the appropriate session, the format is SN 00, where 00 means the number of the session on the above mentioned list on the LOC's website).

The International Programme Committee accepts automatically selections made by ICOHTEC's Programme Committee. IPC will not evaluate abstract proposals for the second time.

Please, complete the tasks what you intend to do asap, because the above mentioned deadlines will not be extended.

See you in Rio de Janeiro

Timo Myllyntaus

List of sessions in ICOHTEC's 44th Symposium

30. History of Tourism: What Can the History of Technology Contribute? (Organizers: Stefan Poser and Per Lundin) **2 sessions (8 participants)**

31. West – East Transfer of Technology during the Cold War (Organizers: Timo Myllyntaus and Elena Kochetkova) **4 sessions (12 participants)**

32. 12th Annual Symposium of the Social History of Military Technology (Organizers: Bart Hacker and Ciro Paoletti) **4 sessions (16 participants)**

33. Visions of Urban Mobility in the Global Age from the 1890s to the 1970s (Organizers: Eike-Christian Heine and Slawomir Lotysz) **1 session (4 participants)**

34. Environmental and Energy Issues: Global and Regional, Long-Term and Short-Term (Organizers: Anthony Stranges and Ana Paula Silva) **2 sessions (8 participants)**

35. Epidemics and Technologies, 16th-20th Centuries (Organizers: Catarina Caetano da Rosa, Anne Rasmussen and Nils Kessel) **4 sessions (16 participants)**

36. The Workflow of Oil: Upstream, Midstream, Downstream Technologies in 19th and 20th Century (Organizers: Francesco Gerali and Basil Evangelidis) **1 session (6 participants)**

37. Unconventional History: Sixty Years of Science and Technology in Hydraulic Fracturing (Organizers: Francesco Gerali and Raechel Lutz) **1 session (5 participants)**

38. Problems in Introducing New Energy Technology (Organizers: Timo Myllyntaus and Slawomir Lotysz) **1 session (4 participants)**

39. Science, Innovations and Patents (Organizers: Timo Myllyntaus and Slawomir Lotysz) **1 session (6 participants)**

40. Politics in Constructing Infrastructure (Organizers: Timo Myllyntaus and Slawomir Lotysz) **1 session (5 participants)**

41. Taking New Directions (Organizers: Timo Myllyntaus and Slawomir Lotysz) **1 session (5 participants)**

Visions and Realities of Automation in the 20th Century (Organizers Lars Bluma and Timo Myllyntaus), **1 session (5 participants).**

(The numbers of the sessions refer to the list of sessions of ICHSTM)

More information on the website of the Congress:

http://www.ichst2017.sbhc.org.br/conteudo/view?ID_CONTEUDO=289

I.3 Call for Meeting Sites – ICOHTEC Symposium 2018 or 2019

The International Committee for the History of Technology (ICOHTEC) is a global organisation and among the leading societies in its field. It is part of the UNESCO related network focused on the research of the history and philosophy of science and technology (IUHPS / DHST). For more information on our aims, please take a closer view of our website at www.icohtec.org.

ICOHTEC invites proposals for sites and local organizers for its 2018 or 2019 annual symposium. Since 1968, when ICOHTEC was founded, we have organized 43 symposia in various parts of Europe but also in Japan, the United States, Mexico, China, Canada, and Israel. This year's meeting of about 230 participants was held at the University of Porto, Portugal, and the next symposium will take place in Rio de Janeiro, Brazil, as a part of the of the 25th International Congress of the History of Science and Technology (ICHST), which will be organised on 23-29 July 2017.

Our symposia had been held generally during the summer months, most often between mid-July and mid-August. Our practice is that the host, Local Organizing Committee, is responsible for the financial side of the symposium, providing facilities for panels and plenary sessions, offering refreshments in coffee breaks and receptions, as well as organizing excursions. All arrangements are being supervised by the ICOHTEC Board, which also takes care of the scientific programme of the symposium.

The deadline for preliminary proposals is **16 January 2017**. Please, send your proposal including information on the local host institutions, site, venue, accommodation, flight connections and travel options from airports as well as a preliminary social programme containing also receptions and excursions via email to the ICOHTEC's President Timo Myllyntaus, <timmyl@utu.fi>. Should you have any further questions, please do not hesitate to contact us at any time.

I.4 Guidelines for the applicants for hosting the ICOHTEC symposia of 2018 - 2019

The ICOHTEC Executive Board calls for proposals on sites and venues for the symposia of 2018 and 2019. During the past 20 years, the number of participants in our independent symposia has varied between 80 and 400. The average number of participants in these symposia has been around 135 participants for the period 1982 – 2016, while a moderate rising trend is visible in our participation statistics. In 2012 a real leap took place, because 242 participants attended our Barcelona symposium. The Porto symposium attracted almost the same number of participants last summer.

The task of the Local Organizing Committee (LOC) is to provide facilities for the symposium, be in charge of its funding and work in cooperation with the ICOHTEC Board and programme committee on planning and compiling the scientific and social programme of the symposium.

The webpages of the Brasov and Porto symposium provide examples of formulas how the ICOHTEC symposia have been organized in the near past; see:

- The website of the next symposium in Brasov, Romania: <http://www.icohtec.org/annual-meeting-2014.html>
- The website of the symposium in Porto, Portugal: <http://www.icohtec.org/annual-meeting-2016.html>

A proposal should contain essential information about the possible site of the symposium. Key criteria in the selection process include:

- 1) **Good communication services** from at least one international airport to the proposed hosting city of the symposium. The total travel costs from Central Europe to the hosting city are also relevant criteria in selection,
- 2) **Functional venue** with a spacious hall for plenary sessions and smaller lecture halls for 4 to 8 parallel sessions,
- 3) **Inexpensive accommodation** and restaurants or canteens near the venue,
- 4) **Interesting excursion sites** for historians of technology within a 60 - 90 minute drive from the venue,
- 5) **Dedicated and capable Local Organizing Committee (LOC)** including at least one ICOHTEC member,
- 6) **List of organizations and institutions that will support the LOC** in organizing an ICOHTEC symposium, and
- 7) **Tentative budget** and an estimate on the number of participants,
- 8) A host applicant is welcome to suggest the **main theme** for the symposium. However, this kind of a suggestion can also be made later.

I.5 New Members of the Executive Committee

At the General Assembly held in Porto on 29 July 2016, we have elected new members to our Executive Committee who will serve in 2016-2020 term. Those are Artemis Yagou (Greece), Liliia Zemnukhova (Russia), and Mirosław Sikora (Poland).

Congratulations! We are looking forward to your ideas how to make ICOHTEC a more vivid and active organization.

The Minutes of the General Assembly will be published in our next Newsletter

Sławomir Łotysz

Secretary General

I.6 ICHSTM Panel: Electric Energy in History: social, economic and cultural issues

25th International Congress of History of Science, and Technology (ICHST), Rio de Janeiro, Brazil, 23 to 29 July 2017

Reminder – deadline extended to **1 November 2016**

Nearly 200 years ago H.C. Oersted contributed with a major breakthrough towards unlocking a natural property linking electricity and magnetism. In a few decades the earlier prototypes of generators and motors had become trademarks of a new industrial spurt and were overwhelmingly taking place in the economic infrastructure that formed our present way of life. Electricity was versatile enough to be used in factories, transportation, illumination, and recreation. Later on, this impulse was enhanced by the vertiginous growth of electronic devices, and the ubiquitous presence of

information processing both as a source of everyday comfort confidence and as a source of worry about its potential capacity of control over our lives. During these two centuries a tremendous development of scientific theories and technological applications have opened up new and challenging perspectives, directly or indirectly related to electric energy. A nation's position is assessed in several rankings of development by evaluating per capita consumption of electricity. In fact, man's dependence upon the production and use of electricity is such that its abundance is also tied to overcoming the undesirable effects of fossil fuel combustion. This session will welcome papers related to the history of electric energy in its diverse dimensions.

Topics to be presented include the historic appreciation of the development of the following subjects, but need not to be limited to them:

- ✓ Integration of electrical networks and the economic policies of interconnected grids
- ✓ Transmission line developments, from point to point transmissions to smart systems
- ✓ Planning of energy consumption and production
- ✓ The landscapes and the environment of energy production, transmission and local distribution
- ✓ Energy issues from the consumer's viewpoint.
- ✓ Industrial heritage related to electricity production
- ✓ Technological cycles in equipment (generators, motors, transformers, cables, automation etc.) and system's evolution.
- ✓ Electricity as leisure and entertainment, cultural impacts.
- ✓ From the wired to the wireless world
- ✓ Distribution of wealth and electric concentration
- ✓ Pollution and environmental awareness: enterprises, public opinion and politics.

PANEL COORDINATION:

Gildo Magalhães Santos, São Paulo University, Brazil.

Nuno Luis Madureira, Lisbon University Institute, Portugal.

Our deadline is **November 1, 2016**. Please send an abstract (100-150 words), you affiliation and a short curriculum to: gildomsantos@hotmail.com, nuno.madureira@iscte.pt

I.7 Call for entries IUHPST Essay Prize in History and Philosophy of Science

Submission deadline: **30 November 2016**

The International Union of History and Philosophy of Science and Technology (IUHPST) invites submissions for the first IUHPST Essay Prize in History and Philosophy of Science. This prize competition, planned to continue on a biennial basis, seeks to encourage fresh methodological thinking on the history and philosophy of science as an integrated discipline. Entries in the form of an essay of 5,000–10,000 words in English are invited, addressing this year's prize question: "What is the

value of philosophy of science for history of science?" All entries should contain original work that has not previously been published. For entries written originally in another language, an English translation should be submitted with an indication of the translator. Entries will be judged on the following criteria, in addition to general academic quality: a direct engagement with this year's prize question, an effective integration of historical and philosophical perspectives, and the potential to provide methodological guidance for other researchers in the field. 2 The author of the winning entry will be invited to present the work at the 25th International Congress of History of Science and Technology in Rio de Janeiro (23-29 July 2017), and presenting at the Congress will be a condition of the award. (The presentation of the winning work will be considered a "non-paper-session activity," and will not interfere with the possibility of the winner also giving a standard paper at the Congress.) The award will carry a cash prize of 1,000 U.S. dollars and, in addition, the cost of hotel accommodation for attending the Congress, though the Congress registration fee will not be waived. Other strong entries will also be considered for presentation at the Congress. In order to ensure this consideration, entrants should submit the entry also as an individual paper proposal for the Congress by the deadline of 30 November 2016, following the standard instructions: http://www.ichst2017.sbh.org.br/conteudo/view?ID_CONTEUDO=259 Entries for this essay prize are invited from anyone, without restriction of age, nationality or academic status. Co-authored work will be considered, but if the winning entry is a co-authored work the cash prize and accommodation subsidy would need to be shared out among the authors. This prize is administered by the Joint Commission, whose remit is to make links between the work of the two Divisions of the IUHPST: the DHST (Division of History of Science and Technology) and the DLMPST (Division of Logic, Methodology and Philosophy of Science and Technology). For further information about IUHPST, see <http://iuhps.net>. Entries for the prize competition should be submitted in pdf format by email to the Chair of the Joint Commission, Prof. Hasok Chang, Department of History and Philosophy of Science, University of Cambridge hc372@cam.ac.uk. Any queries should also be directed to him. The deadline for submission is 30 November 2016.

II. Conference Announcements

28 October 2016

Unsung Heroes of Our Industrial and Technological Heritage. SITK Conference 2016

National Museums Scotland, Edinburgh, United Kingdom

This conference, organised in partnership with National Museums Scotland and the Newcomen Society, will explore lesser-known innovators in engineering and industry and to also introduce tools, work spaces and concepts as 'unsung heroes' in their own right. The varied programme will cover historic and contemporary themes including aviation, engineering drawings, prosthetics, machine tools and workshop practice.

Please visit <https://www.eventbrite.com/e/conference-2016-unsung-heroes-of-our-industrial-and-technological-heritage-tickets-27172637089>

Please contact Ellie Swinbank, Keeper, National Mining Museum Scotland,
Keeper@nationalminingmuseum.com

12 –15 January 2017

Workshop: Explaining Famines, Defining Responsibilities

University of Turku, Finland

CFP – Deadline **31 October 2016**

The transnational research project *Comprehending the Core by Peeling the Concepts: Analyzing Famines in their Historical Contexts (COMPOT)* invites individual paper and session proposals for its forthcoming thematic workshop. This will be the second of three workshops, which form part of a research project funded by NOS-HS.¹ The public keynote lecture will be delivered by prof. Gormac O'Grada, *University College Dublin, Ireland*.

Famines have been a recurring strain on humanity throughout history. Despite the remarkable scientific and technical progress of the modern age, the threat of famine has not been eradicated. While numerous famines have been thoroughly examined, scholars still encounter difficulties in understanding why some food crises turn into famines while others do not. Conditions in both scenarios can be quite similar – yet outcomes differ. Furthermore, some explanations of famines tend to focus on human actions or dereliction of duties which are characterised as direct or indirect causes of famines. One cannot deny the significance of the issue. However, this approach raises questions whether a focus on responsibilities of some individuals, institutions or social groups divert the analysis away from structural and environmental factors and whether there are alternative approaches for explaining the incidence of famine.

The main goal of this workshop will be to discuss various environmental, social, economic, political or cultural factors, affecting the outbreak of famines and subsequent relief initiatives. A reason for choosing this theme is that explaining those factors which contribute to famine incidence appears to be one of the most challenging but also the most essential tasks for famine historians.

The project COMPOT concentrates on famines in Estonia, Finland, Iceland, India, Ireland and Sweden. However, the programme committee is inclined to consider famines in other countries as well. Cross-country comparisons are especially welcome. Famines of any time period and any geographical extent are eligible.

The accepted papers are to be distributed in advance, and oral presentations will be limited to 10 – 15 minutes. The project aims to publish a selection of papers after peer-reviewing. The language of papers and presentations is English.

The project will support the participants' travel and accommodation. *The workshop will be hosted by the School of History, Culture and Arts Studies at Turku University.*

Individual paper proposals should include an abstract of 250–500 words and one-page CV. Session proposals should contain a session abstract of 250–500 words, abstracts of three or four papers along with brief CVs of their authors. All these documents should be submitted by **31 October 2016** to the chair of the programme committee, Timo Myllyntaus [email: timmyl@utu.fi], via email in Word or RTF format.

¹ The Joint Committee for Nordic Research Councils in the Humanities and Social Sciences (NOS-HS) [<http://www.nos-hs.org/>]

Please contact Timo Myllyntaus, timmyl@utu.fi

26 – 28 May 2017

How to Change the World. Entangled Histories of Development

Shanghai

CFP – Deadline **1 November 2016**

Large part of international policies during the last two hundred years – at least – have been influenced by the idea of “development.” Though the term became an important part of the international discourse only after 1945, the concept is clearly older, rooted in the idea that socio-economic conditions would and should improve and that specific policies should be employed to bring about such improvements.

Beyond this core, “development” has been a highly contested concept, whose constructed character has repeatedly been pointed out.

Critics such as Arturo Escobar or Gilbert Rist have denounced it as essentially an imperialist policy by high-income countries. They point to international structures created in the name of “development” which have often reflected power inequalities and served the interests of those that put them in place. They also call attention to the continuing enormous economic inequalities between people in different parts of the world despite - or because of? - decades of “development” efforts allegedly designed to mitigate such disparity. Meanwhile, other scholars like Richard Jolly and Charles Kenny identify perceived successes of “development,” measured in social indicators such as life expectancy, infant mortality, gender equality or literacy, which contradict a simplistic notion of continued failure. These differences of perspectives are compounded by the fact that interpretations of what exactly constitutes “development” abound. A Western concept of modernization usually entailed a combination of mechanization, urbanization, secularization, a shift towards individualism, a growing provision with material goods and life at an accelerating pace. But the perceived shortcomings of this approach have given rise to a series of alternative concepts, including the basic needs approach, Amartya Sen’s view of “development as freedom” or Herman Daly’s insistence on “development” as a strictly qualitative notion, to be distinguished from economic growth. The 1980s saw the emergence of “sustainable development,” designed to reconcile arguably irreconcilable economic, environmental and social components of development and, more recently, Southern concepts such as “Buen Vivir” or “Ubuntu” have been added to the list of alternative concepts about how and where to societies should direct their evolution, each with its own package of contested meanings.

Despite this lack of precision, “development” continues to play an important role in public rhetoric. International organization continue to employ categories such as “developed” or “least developed” countries, and for many people, particularly in low-income countries, “development” remains a powerful and seemingly self-evident goal.

Clearly, for all its vagueness, the term has been considered useful in communication both about international policies and about desired or actual changes in a given society. In a larger sense, the idea of some form of socio-economic improvement as a goal of public or private actions seems to

have resonated with societies in many parts of the world, though not necessarily with similar meanings or goals.

Inevitably, as concepts and policies travelled, they underwent transformations, often in unsuspected or contradictory ways, and perspectives of what constituted “successes” or “failures” often evolved along with changing attitudes in public and in academia. Besides, a full analysis of development is complicated by different, sometimes contradictory repercussions over time and space. For instance, the adoption of fossil fuels, by replacing wood and manual labour, may have contributed to reforestation in some regions, to the end of slavery in others and to the endorsement of ethics of human equality (almost) everywhere. Only decades later did their potentially disastrous role in climate change become visible, whose precise effects are still unclear but will be profound, long-lasting and regionally different.

Meeting thirty years after the publication of Our Common Future, this conference seeks to explore various concepts and practices of “development” between roughly the eighteenth and the twenty-first centuries from a world history perspective, looking at the ways in which they entangled histories of different times and different places. As pivotal sectors in which developmental practices have become effective, contributions addressing economic, health and/or environmental aspects and their interaction are particularly welcome.

Papers are invited on topics related to this general framework. Questions of particular interest include but are not limited to the following aspects:

- The actors of development, including governments, social movements, individuals, organizations and others;
- The various concepts of development and ways in which they changed through adaptation to evolving circumstances or new ideas, through hybridization and/or through selective adoption;
- The practices of development, including industrialization, collectivization, mise en valeur, development assistance programs etc.;
- The role of knowledge in development debates, including relevant input of science and technology;
- Apparent winners or losers of developmental processes, including trade-offs between different effects.

Accommodation and meals in Shanghai will be covered. Limited travel assistance may be available for some participants upon application.

A subsequent publication of selected contributions is planned.

Time-table:

1 Nov 2016: submission of abstracts

1 Dec 2016: notification about acceptance

1 May 2017: submission of papers

For further information please contact Iris Borowy, borowyiris@i.shu.edu.cn, or Jussi Hanhimaki, jussi.hanhimaki@graduateinstitute.ch.

Please send abstracts of approximately 300 words to confhistdev2017@posteo.de by 1 Nov 2016.

Please contact Iris Borowy, borowyiris@i.shu.edu.cn and Jussi Hanhimaki, jussi.hanhimaki@graduateinstitute.ch

III. Miscellaneous

Course: Words and pictures; engineers' treatises from the sixteenth to the eighteenth centuries

A course entitled *La palabra y la imagen. Tratados de ingeniería entre los siglos XVI y XVIII* [Words and pictures; engineers' treatises from the sixteenth to the eighteenth centuries], is organised by the Spanish National Distance University (UNED) and sponsored by Fundación Juanelo Turriano. It will be held at UNED's associate facility in Segovia on 11 to 13 November 2016. Geared to historians, engineers, art and science historians, architects, geographers and anyone interested in the subject, the course will include a visit to Segovia's Royal Mint Museum. It is directed by Alicia Cámara (UNED) and Bernardo Revuelta Pol (Fundación Juanelo Turriano) and carries one ECTS and two elective credits.

Please visit

https://extension.uned.es/actividad/idactividad/12212?utm_source=Newsletter&utm_medium=newsletter&utm_campaign=Newsletter+110+September+2016

New Journal: Internet Histories

The new academic journal *Internet Histories* (Taylor & Francis/Routledge) has just opened its submissions website; please consider submitting an article.

Excerpt from the journal's Aims and scope:

Internet Histories: Digital Technology, Culture and Society is an international, inter-disciplinary peer-reviewed journal concerned with research on the cultural, social, political and technological histories of the internet and associated digital cultures.

The journal embraces empirical as well as theoretical and methodological studies within the field of the history of the internet broadly conceived from early computer networks, Usenet and Bulletin Board Systems, to everyday Internet with the web through the emergence of new forms of internet with mobile phones and tablet computers, social media, and the internet of things. The journal will also provide the premier outlet for cutting-edge research in the closely related area of histories of digital cultures.

Read about the journal, its aims and scope, international editorial board, and more at <http://tandfonline.com/loi/rint20><<https://t.co/8mPP1ZK5IG>>

Herman J. Albrecht Library of Historical Architecture, Ohio State University

The Herman J. Albrecht Library of Historical Architecture, founded in 2006 and housed at Ohio State University's Thompson Library (Columbus, Ohio), is a growing research resource for historians of technology. The Library holds an annually-increasing collection of rare and valuable books from the sixteenth century to the mid-twentieth century.

Although focused on architecture, the Library's volumes document history of technology subjects such as building materials and construction, machinery, water supply, and bridges. Geographically, the Library currently includes works on the United States, Europe, Russia, the Ottoman Empire, North Africa, India, and Japan. For historians of technology notable examples in the Library include Andrea Palladio's I Quattro Libri Dell'Architettura (1581, in Italian), which includes extensive discussions of the qualities and uses of building materials; Gustave Eiffel's large folio, full-color exposition of the construction of the Eiffel Tower, La Tour de Trois Cents Mètres (1890, in French), including exquisite details of its American and French-built elevators; the Wachsmuth portfolio (1910, in German) of drawings of Frank Lloyd Wright's earliest private and commercial buildings; Emanuel La Roche's Indische Baukunst (1921-22, in German), a documentation of a wide range of historic buildings in India; and rare works on building design in the U.S.S.R. in the 1920s (in Russian). Members of ICOHTEC will appreciate the multi-lingual character of the Albrecht Library's holdings reflected in these examples.

Inquiries about the holdings of the Albrecht Library and research access may be directed to Eric J. Johnson, Curator of Rare Books and Manuscripts, The Ohio State University Libraries via email at Johnson.4156@osu.edu, or phone at 614-688-8795.

Darwin H. Stapleton, Vice President, Herman J. Albrecht Library of Historical Architecture

Scholar in Residence Program of the Eisenbibliothek/Iron Library, Schaffhausen, Switzerland

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.

Application deadlines

Applications may be submitted at any time.

Please address any questions and your application to:

Franziska Eggimann, Head Iron Library and Corporate Archivist Georg Fischer Ltd
Klostergut Paradies, 8252 Schlatt, Switzerland, franziska.eggimann@georgfischer.com

IV. Recently Published Books and Journals

Ferrum, 88 (2016): Just in time – technikhistorische Perspektiven der Logistik

The new issue of the Iron Library's yearbook *Ferrum* is dedicated to the history of technology of logistics. It embraces early logistical tasks as well as important contemporary questions.

Pedro Navascués Palacio and Bernardo Revuelta Pol (cor.), *De Re Metallica: Ingeniería, hierro y arquitectura*. = Lecciones Juanelo Turriano de Historia de la Ingeniería, 6. Fundación Juanelo Turriano, Madrid 2016.

Although iron was used as a construction material from very early times, it was at the beginning of the Industrial Revolution that it gained prevalence. It influenced the construction and the aesthetic shape of buildings. In *De Re Metallica* prominent historians, engineers and architects discuss the iron-induced transformation of nineteenth century engineering and architecture that contributed so decisively to shaping modern society.

V. 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

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Through a cheque. Send the check with the appropriate sum made out to “ICOHTEC” and send to:

Dr. Lars Bluma Otmarstrasse 5, D-45131 Essen, Germany.

After filling the form, please scan and send by email to Dr. Yoel Bergman, ICOHTEC Treasurer at yoelb@protalix.com or, send a hardcopy by regular mail to Yoel Bergman, 20 Haatzmaut St., Herzliya 46789, Israel. Your filled form will facilitate sending ICONs and allocating access privileges.