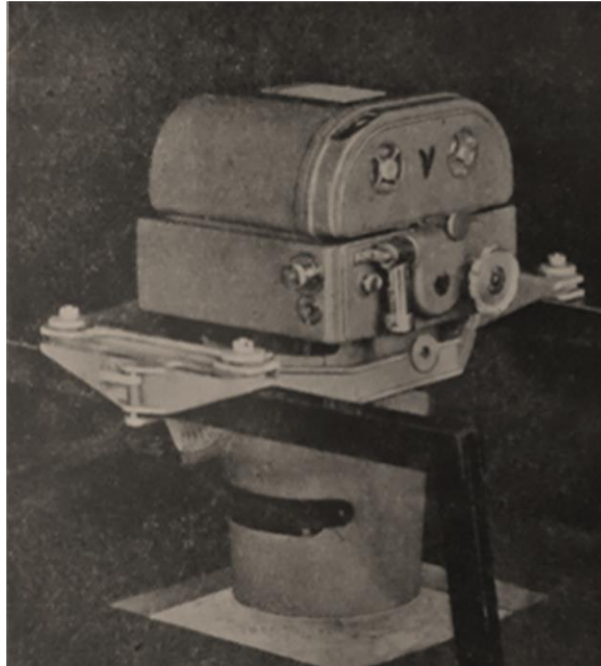


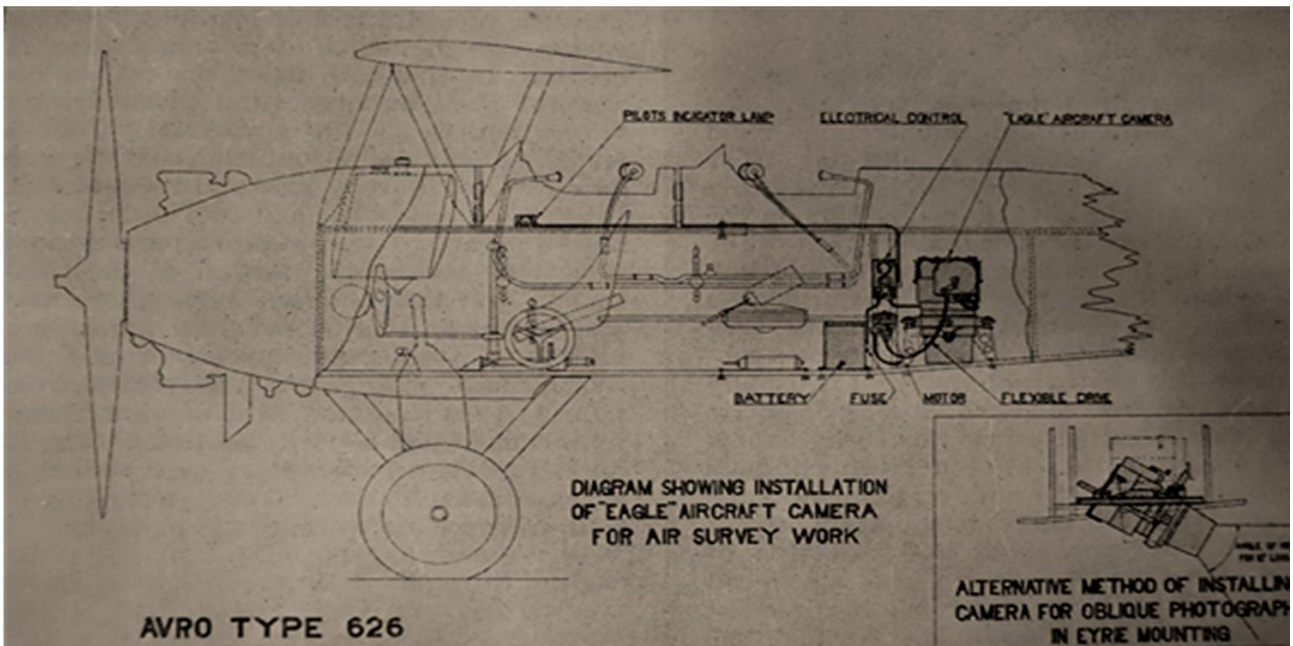
# ICOHTEC NEWSLETTER

N° 148/149, August-September 2017

[www.icohtec.org](http://www.icohtec.org)



*The Eagle Camera Type III*



*Installation of the Eagle Camera on Avro Aircraft*

From: J. S. A. Salt, 1934. "Some Fundamental Aspects of Air Survey". *Proceedings of the I World Petroleum Congress*, edited by A.E. Dunstan & G. Sell, pp. 199-209. London, Institution of Petroleum Technologists.

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

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## Editorial

Dear Colleagues and Friends,

Stefan Poser served since 2006 as Newsletter Editor with precision and commitment. His efforts resulted in high-quality newsletters featured with insights and updates on the international academy. Stefan is stepping down this task to take the more important office of ICOHTEC Secretary General. On behalf of ICOHTEC and its members, *thanks for your service and best wishes for the new appointment, Stefan!*

I am happy to take over the position of Stefan to give my contribution to ICOHTEC. My aim as editor is to include and promote new educational and research contents and to extend the outreach of the newsletter to countries so far little considered. My commitment is to guarantee a newsletter at the height of the previouses and able to cover the several current activities, trends and challenges in the international higher education. Academia is evolving fast. The meaning of the words research, researcher, publishing and teaching is maturing new significances. Scholars, especially the new generations, today are required to be flexible, multitask and ready to move proactively in different environments. The ICOHTEC Newsletter wants to keep up the pace with the emerging interpretations and approaches to research, curatorial activities, digital humanities, special collections, bibliography, archiving, and the developed of effective educational strategies.

My aim is to make of the ICOHTEC Newsletter a useful and reliable tool for the work of the new scholars called to succeed in the fast paced, multicultural and interdisciplinary places where research merges with education, popular culture, and digitalization to originate knowledge and wisdom.

ICOHTEC Newsletter welcome the readers to send ideas, information, proposals and any other original material of quality that can be considered of utility and interest for the members. In this first issue I am editing, I want to thank Prof. Jeffrey A. Johnson, Villanova University, to have prepared for ICOHTEC his report on three recent conferences on the history of chemistry, and Prof. Julie Wosk, New York University, to introduce her new exhibit.

Thanks for your attention, I look forward to receiving your feedback.

Cordially

Francesco

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## I. ICOHTEC

### I.1 Message from the President

Dear ICOHTEC Members, Friends and Colleagues,

As every four years, when our annual symposium takes place as a part of the International Congress of the History of Science and Technology, the ICOHTEC elects its new officers. This year we organized an electronic ballot prior to the meeting in Rio de Janeiro, so the new officers could swiftly take on their new duties just after the congress ends. However, in Rio we had to resume voting for the position of Vice-President since two candidate got the same result in the first round. Eventually, the new officers are as follows:

President – Sławomir Łotysz (Poland)  
Secretary General – Stefan Poser (Germany)  
Vice-President – Yoel Bergman (Israel)  
Treasurer – Timo Myllyntaus (Finland)  
ICON Editor – Hermione Giffard (The Netherlands)  
Newsletter Editor – Francesco Gerali (Italy/USA)

I would like to thank all of you who took part in voting and who entrusted this team with responsibility to lead the organization for the next four years. We are aware of great challenges ahead of us. The world is changing, as well as the academia. We are facing such tendencies as dropping interest in joining organizations like ours. We need to work out a more attractive agenda to attract young and emerging scholars, to reach the broader audience with results of research being done by members of our community, and to strive for more recognition to our discipline within the academia and among the policy maker and society at large.

As the new President I would like to ensure you that we will do our best to reach these goals.

Slawomir Lotysz

President of ICOHTEC

Warsaw, Sept. 22, 2017

## I.2 ICHST Symposium in Rio de Janeiro

The 44<sup>th</sup> ICOHTEC Meeting this year was hosted in the 25<sup>th</sup> ICHST Congress held in Rio de Janeiro. As tradition, the formal report of our annual meeting will be published in early 2018 in the journal *Technology & Culture*. Here is presented just a brief account on ICOHTEC in Brazil. The Committee awarded seven travel grants to scholars from Belgium, England, Germany, Romania, Scotland, South Korea and United States. Two of them were awardee-first time presenters with ICOHTEC and, as result of the resolution issued in 2016 by the Board of Officers, they are eligible for one-year membership free of charge. In Rio de Janeiro ICOHTEC organized thirteen symposia and fifty-one lectures. Even in this edition of the ICHST, ICOHTEC was the committee of professional historians that more than others contributed to the Congress in term of scholarship, originality of the themes proposed and number of symposia and participants.

## I.3 45th ICOHTEC Annual Meeting in Saint-Étienne (2018)

The 45th annual meeting will take place Saint-Étienne, France, on 17-21 July 2018. We will be celebrating the 50th ICOHTEC Anniversary so we hope you will be there to join us. Please save the date and stay tuned for further updates about the conference.

## II. Exhibits. *Picturing Female Robots and Androids* by Julie Wosk

Julie Wosk's new exhibit "Picturing Female Robots and Androids" will be on view at the New York Hall of Science through October 22, 2017 in New York City. It is based on her recent book *My Fair Ladies: Female Robots, Androids, and Other Artificial Eves*. There has long been a human fascination with using science and technology to create life-like beings. This exhibit features images of female robots, androids, automatons, mannequins, and mechanical dolls from movies, television, literature, art, photography, and more, presenting an historical look at these simulated women. It highlights men's uses of technology to create their vision of "The Perfect Woman," and how these conceptions are dramatically changing today. For a New York television interview with Dr. Wosk about the exhibit, see <https://vimeo.com/224997754>

## III. Reports. Conference Activity on the History of Chemistry, by Jeffrey A. Johnson

### ***Recent National and International Conferences in the History of Chemistry:***

#### ***A Report from Washington, Trondheim, and Berlin***

Jeffrey A. Johnson (currently Visiting Scholar, Max Planck Institute for History of Science, Berlin)

Late August and early September 2017 saw considerable conference activity among historians of chemistry on both sides of the Atlantic. First came the American Chemical Society (ACS) meeting in Washington, DC, took place on August 20-24 and featured several sessions and symposia of the Division for History of Chemistry (HIST). The featured all-day symposium on August

22, “Ladies in Waiting for Nobel Prizes. Overlooked Accomplishments of Women Chemists,” was followed by a performance by Portal Theatre of the play *No Belles*, which told the story of Rosalind Franklin and other women scientists in theatrical form. During the symposium, historians and chemists presented eleven women scientists, some relatively obscure (like Agnes Pockels, who pioneered surface chemistry before Irving Langmuir, and Katharine Burr Blodgett, who did much of the research on surface chemistry at General Electric that won Langmuir the 1932 Nobel Prize) and others now well-known (like Rosalind Franklin, whose unpublished data Watson and Crick used – without her knowledge or permission – to determine the structure of DNA). All of them might well have been awarded Nobel Prizes, but for a variety of reasons they did not receive a recognition that in most cases went to male counterparts or associates, as in the examples cited. This followed up on an earlier symposium (March 2016) in which similar cases were made for male chemists who had deserved but did not receive Nobels. The papers from this symposium (“The Posthumous Nobel Prize in Chemistry. Correcting the Errors and Oversights of the Nobel Prize Committee”) will appear in book form, edited by E. Thomas Strom and Vera Mainz (who organized both symposia), and it is planned to publish the papers from the women chemists’ symposium in a similar collective volume. For more information, see the HIST website maintained by Vera Mainz (<http://www.scs.illinois.edu/~mainzv/HIST/index.php>), and the *Program & Abstracts* for the meeting (<http://www.scs.illinois.edu/~mainzv/HIST/meetings/2017-fall/HIST%20Fall%202017%20Prog%20Abstracts.pdf>).

A week after the ACS meeting came the 11<sup>th</sup> International Conference on History of Chemistry (ICHC) in Trondheim, Norway (August 29-September 2), organized by the Working Party (WP) on History of Chemistry of the European Association for Chemical and Molecular Sciences (EuChemS). The ICHC is held every two years in a European city, with the cooperation of the national chemical society that is a member of EuChemS, as well as a local university, in this case the Norwegian University of Science and Technology (NTNU) in Trondheim, as well as the co-sponsorship of other national and international organizations. The Trondheim meeting, organized by Brigitte Van Tiggelen of Belgium (chair of the WP) and Annette Lykknes of NTNU (chair of the local organizing committee), as well as co-chairs of the Advisory Committee Christoph Meinel (Regensburg) and Ignacio Suay-Matallana (Lisbon) attracted more than one hundred participants, primarily from Europe but also from the Americas and Asia. The Presentations covered a wide variety of topics, too diverse and numerous to list here (see the ICHC website <http://www.ntnu.edu/11ichc>, which has links to the complete program and book of abstracts. Of particular note however were the plenary lectures by Hasok Chang of Cambridge University on “What history tells us about the nature of chemistry,” by Maria Rentetzi of the National Technical University of Athens on “Living with radiation: What historians of chemistry have to do with science diplomacy and international organizations” (which addressed the historiographical issues in the new field of science diplomacy as shown in the case of the development of international dosimetry technologies since the 1960s and the role of the International Atomic Energy Agency [IAEA]), and by Anders Lundgren of Uppsala University on “Science in chemical industry: what did it do?” (which critically examined the role of scientific research in the early development of the Swedish chemical industry). The final session, organized by the Commission on the History of Chemistry and Molecular Sciences and presided over by Brigitte Van Tiggelen, was a round-table discussion on “What future for the history of recent chemistry and molecular sciences? New challenges in the history of chemistry and the molecular sciences.” The international panel, who discussed a wide range of issues that are currently shaping the discipline, included Bernadette Bensaude-Vincent of Paris, Lijing Jiang of the Chemical Heritage Foundation in Philadelphia, Cyrus Mody of Maastricht, Carsten Reinhardt of Bielefeld, and Yoshiyuki Kikuchi of Nagoya.

In the second week of September (10-13) came the national meeting (*Wissenschaftsforum* or WiFo [Forum of Science]) of the Society of German Chemists (Gesellschaft Deutscher Chemiker, GDCh) at the Free University in Berlin, celebrating the 150<sup>th</sup> anniversary of the founding of its

predecessor, the German Chemical Society (Deutsche Chemische Gesellschaft, DChG), in 1867 in Berlin. Simultaneously appeared a special commemorative issue of the GDCh journal *Angewandte Chemie*, which is published in both an international edition in English and in the original German version. A highlight of the WiFo 2017 was the opening ceremony, featuring the historic award of the first Primo Levi Prize, jointly endowed by the GDCh and the Italian Chemical Society (Societa Chimica Italiana, SCI) to Roald Hoffmann of Cornell University. In the spirit of its namesake, the Italian Jewish chemist, Auschwitz survivor, and distinguished author Primo Levi (1919-1987), the Primo Levi Prize is intended to honor chemists or scientists from related disciplines who promote human rights and improve the dialogue between chemistry and society. The multi-talented and much-honored Hoffmann was himself a Holocaust survivor as well as a Nobel Laureate in Chemistry (1981, shared with Kenichi Fukui for their independent development of theories of chemical reactions) and author. Thus Hoffmann was undoubtedly a worthy recipient whose accomplishments have set a high standard for the award. Characteristic of his style was that as keynote speaker in 2007 at the IUPAC World Congress of Chemistry in Turin, Primo Levi's home city, Hoffmann addressed the question of the ethical dimensions of scientific research by presenting a play he had written, *Should've*, in which three members of a German-born chemist's family wrestle with the implications of his suicide, after an easy method he has developed for manufacturing a nerve agent falls into the hands of terrorists (see <http://www.roaldhoffmann.com/sites/all/files/Should've%20%20with%20cover%20page.pdf>). The Primo Levi Award perhaps somewhat overshadowed the sessions of the Working Group (WG) on History of Chemistry of the GDCh chaired by Christoph Meinel of Regensburg. The WG program included a diverse set of papers in seven sessions, the first two of which specifically dealt with the origins and development of the DChG and its successor organizations, while many of the others dealt with biography or issues such as the history of chemical pollution. Most of the speakers were German chemist-historians, but there were also two Americans (E. W. Cook and J. A. Johnson) and a Norwegian. Cook spoke on August Wilhelm Hofmann [founding president of the DChG] in London before his return to Germany, and Johnson surveyed the history of the DChG and its literary enterprises from 1867 to its demise at the end of the war in 1945, with comparisons to the concurrent development of the ACS and its journals.<sup>1</sup> Following Johnson's paper, Carsten Reinhardt read M. Stöcken's (Bielefeld) paper on the postwar establishment of the GDCh and its relationship to the predecessor DChG, while Renate Kießling discussed the east-German successor organization, the Chemische Gesellschaft der DDR (1953-1990). So far one of these papers has been published, that of Johnson, which appeared in the special issue of *Angewandte Chemie* in both English and German. For details on the WG see <https://www.gdch.de/netzwerk-strukturen/fachstrukturen/geschichte-der-chemie.html> (in German).

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<sup>1</sup> Jeffrey Allan Johnson, "Between Nationalism and Internationalism: The German Chemical Society in Comparative Perspective, 1867–1945," *Angewandte Chemie International Edition*, 56/37 (Sept. 4, 2017): 11044–11058; German in *Angewandte Chemie*, 129/37 (Sept. 4, 2017): 11190–11204 (<http://onlinelibrary.wiley.com/doi/10.1002/ange.201702487/full>)

## IV. Tools for the Research in the History of Science and Technology

Tools for the research in the history of science and technology



Database of  
Scientific Illustrators  
1450-1950

The Database of Scientific Illustrators (DSI) is a project by the Section for History of Science & Technology at the History

Department at the University of Stuttgart. The aim of the DSI is to provide quick and reliable reference information about scientific illustrators. Designed as an interactive website, it lets users make pertinent additions for convenient public access. The DSI explicitly includes illustrators specialized in natural history and as well as those who worked in the various fields of natural science as known today. Our selection includes illustrators from the invention of the printing press around 1450 up to ca. 1950.

The Database of Scientific Illustrators currently covers more than 10300 illustrators active in natural history, medicine, technology and various sciences between c. 1450 and 1950 originating from more than 100 countries, among them c. 10 % women.

The DSI is an open source repository is available at:

[http://www.uni-stuttgart.de/hi/gnt/dsi2/index.php?function=show\\_static\\_page&id\\_static\\_page=1&table\\_name=dsi](http://www.uni-stuttgart.de/hi/gnt/dsi2/index.php?function=show_static_page&id_static_page=1&table_name=dsi)

## V. Prizes and Competitions

*The National Academies of*  
**SCIENCES • ENGINEERING • MEDICINE**  
**PROJECT OVERVIEW AND REQUEST FOR PROPOSALS**

***World War I and the National Academy of Sciences/National Research Council:  
A Research Competition***

### **Overview**

The National Academy of Sciences is a private tax-exempt corporation that provides expert advice on some of the most pressing challenges facing the nation and the world. Our work helps shape sound policies, inform public opinion, and advance the pursuit of science, engineering, and medicine. President Lincoln signed a congressional charter forming the National Academy of Sciences (NAS) in 1863 to "investigate, examine, experiment, and report upon any subject of science." As science began to play an ever-increasing role in national priorities and public life, the National Academy of Sciences eventually expanded to include the National Research Council (NRC) in 1916, National Academy of Engineering (NAE) in 1964, and National Academy of Medicine (NAM), which was established in 1970 as the Institute of Medicine. These entities are collectively referred to as The National Academies of Sciences, Engineering, and Medicine (the National Academies).

## Request for Proposals

On the occasion of the centennial of World War I, the National Academies of Sciences, Engineering, and Medicine are pleased to announce an open competition for scholars under the age of 301 to research and write a scholarly paper on a major aspect of how scientists and engineers in the United States were engaged in the World War I effort (see <https://sites.nationalacademies.org/PGA/ww1/index.htm>). The focus, drawing on the creation of the National Research Council associated with World War I, is on institutional changes (e.g., the charter of the NRC) and the research enterprise in America. In effect, scholars should look at how the war experience shaped long-term relationships among scientists and engineers and U.S. policymakers regarding national security and public welfare. (For a brief account of the NAS/NRC in the context of World War I visit [https://sites.nationalacademies.org/PGA/pga\\_180900](https://sites.nationalacademies.org/PGA/pga_180900)).

- 1 Applicants must be born after November 12, 1988. See Application Process and Selection Criteria.

- 2 The word count is exclusive of references. The papers should be referenced in a consistent style. Preferred styles are the Chicago Manual of Style, Modern Language Association style, and American Psychological Association style.

A short bibliography of essential texts on the history of the NAS/NRC and a link to a finding aid for relevant materials in the archives of the National Academy of Sciences are available at [https://sites.nationalacademies.org/PGA/pga\\_180902](https://sites.nationalacademies.org/PGA/pga_180902).

Qualified scholars should submit, by November 30, 2017, a 500-word concept document that describes the scope of the proposed research. In addition, applicants should provide a list of possible primary sources of evidence to be used in the proposed research (one page maximum). The five best entries will be chosen by an NAS review committee (see [https://sites.nationalacademies.org/PGA/pga\\_180901](https://sites.nationalacademies.org/PGA/pga_180901)), and authors will be invited to submit a fully developed research paper. Upon acceptance of the invitation, invitees will enter into an agreement with NAS to provide a final paper of between 8,000 and 10,000 words by September 10, 2018. They will be provided with a grant of \$5,000.00 for research expenses and invited to utilize the NAS' records under the mentorship of NAS' professional archivists.<sup>3</sup> The scholars will be expected to present a 20-minute summary of major research findings at a public conference at the NAS in Washington, DC on October 26, 2018.<sup>4</sup> Additional discussants and participants will be included in the public event. The review committee will subsequently deliberate and announce the winner of a \$10,000.00 first prize.

- 3 Archival research is not restricted to the archives of the NAS.

- 4 Expenses incurred in conjunction with attendance will be reimbursed by the NAS.

- 5 Should a two-person research team submit a proposal, both must meet the age criterion. Grants for research expenses will be limited to \$5,000.00 per accepted proposal, and payments will be issued to the primary applicant. In the event that a two-person research team is awarded the \$10,000.00 prize, payment will be issued to the primary applicant. The primary applicant is responsible for the distribution of prizes to the other team member, if applicable, and for any related tax reporting and compliance.

Payment of the \$5,000.00 research grant will be made in two installments. An initial award of \$2,500.00 will be made to finalists upon receipt of a signed copy of an award acknowledgement and verification of mailing address. A second award of \$2,500.00 will be disbursed to finalists upon receipt by the review committee of a satisfactory progress report by July 1, 2018. The overall prize winner will receive an additional \$10,000.00. The disbursement of any prize amount will be reported as gross income to the Internal Revenue Service (IRS) at the end of the tax year on IRS Form 1099.



The NAS’ legal obligation is limited to the above-stated amounts, and the NAS will have no responsibility for costs incurred beyond this amount.  
 The review panel will seek to facilitate the publication of final papers in an appropriate venue.

**Application Process and Selection Criteria:**

The competition is open to scholars **born after November 12, 1988**. Individual scholars and research teams of not more than two individuals may apply.<sup>5</sup> Although the topic is fundamentally historical, submissions from the perspective of any relevant scholarly discipline are encouraged.

500-word concept documents and a list of the primary sources of evidence to be used in the proposed research (one-page maximum) must be submitted on the web at <http://www.surveymzmo.com/s3/3761661/WWI-and-the-NAS-NRC> by midnight (U.S. Eastern Standard Time) on November 30, 2017.

Authors of concept proposals and of final invited papers will be asked to sign a statement certifying that they are the original author of submitted documents. Upon submission, invited papers will be automatically screened for potential plagiarism. Should plagiarism be discovered, the author(s) will be disqualified.

Authors of invited papers must submit an interim progress report to the review panel by midnight (U.S. Eastern Daylight Time) on July 1, 2018.

Invited final, full papers must be submitted as electronic Word documents to [www1@nas.edu](mailto:www1@nas.edu) by midnight (U.S. Eastern Daylight Time) on September 10, 2018.

**The following table shows the timeline and requested application materials: Stage of application process**

	<b>Date</b>
All prospective applicants are asked to submit 500-word concept documents and a one-page list of primary sources of evidence to be used in the proposed research	<i>Deadline: November 30, 2017</i>
Successful applicants invited to submit a full research papers (full papers must be invited)	<i>Announcement: January 10, 2018</i>
Invited applicants submit interim progress reports to the NAS’ review committee	<i>Deadline: July 1, 2018</i>
Invited applicants submit full papers of between 8,000 and 10,000 words exclusive of references	<i>Deadline: September 10, 2018</i>
Invited applicants present their major research findings at the NAS in Washington, DC	<i>Conference: October 26, 2018</i>
Selection by review committee of \$10,000.00 prize winner	<i>Announcement: November 9, 2018</i>

## VI. Conference Announcements

20 – 21 October 2017

### **Kernkraftwerke. Denkmalwerte und Erhaltungschancen/ Nuclear Power Stations Heritage Values and Preservation Perspectives**

Deutsches Technikmuseum, Berlin

Please visit <http://industrie-kultur.de/ik/2017/06/29/berlin-grosse-atomkonferenz-am-20-21-oktober-2017/>

Please contact [t.dame@campus.tu-berlin.de](mailto:t.dame@campus.tu-berlin.de)

26 – 28 April 2018

### **"Émilie Du Châtelet's Foundations of Physics: A Conference Celebrating the Complete English Translation", University of Notre Dame.**

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

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

## VII. Call for Papers

### **"To Boldly Preserve: Archiving for the Next Half-Century of Space Flight"**

**Center for the History of Physics at the American Institute of Physics**

**College Park, Maryland**

**March 1-2, 2018**

***Paper, Presentation, and Roundtable Proposals Due October 1, 2017***

"To Boldly Preserve: Archiving for the Next Half-Century of Space Flight" will examine the unprecedented challenges and opportunities preserving the history of space exploration faces in this digital, big data era. New forms of electronic communication and data including oral histories and social media are changing the nature of historical records and increasing their ease of collection.

Even as early generations of researchers, engineers, administrators and users retire, the number of countries, organizations, businesses, and other non-government actors involved in space is sharply expanding. Relying on the National Archives and Records Administration (NARA) for U.S. government records management, while still essential, is increasingly inadequate. Furthermore, most of humanity experiences space exploration either as users (e.g., communications and weather) or as a source of imagination and enthusiasm. How do we document and archive the

activities of hundreds of actors in space? How do we archive the experience of users? How do we archive imagination?

The internet and widespread use of digital media have spurred tremendous popular interest in do-it-yourself oral history and other emerging methods for archiving among people not classically trained as historians, archivists, or records managers. Done well, these bottom-up approaches could greatly expand the availability of historical records -- especially by groups, organizations, and individuals not fully captured by government archives.

To examine critical issues in creating, collecting, preserving, and accessing space archives worldwide, this conference will bring the historical and archival communities together with space industry, records management, digital humanities, and library media management professionals. The conference will 1) explore data management strategies and toolboxes of exemplary best practices, 2) provide a variety of archival models for oral histories, digital, print, and less conventional collections management (such as software and artifacts), 3) disseminate these strategies and practices to space stakeholders, and 4) encourage underrepresented minorities and communities to create and archive their contributions to space history.

To encourage discussion, we will pre-circulate conference papers to registrants and post them to the conference website. An edited volume based on the conference will be published as well as guides of best practices.

Possible topics include but are not limited to:

- Space archives: The first half-century
- Space archives: Contemporary and future issues
- Archiving space-based business and operations
- Collecting and contextualizing social media, hardware and software
- Integrating Do-It-Yourself history with archives
- Legal concerns: Intellectual property rights, classification, Nondisclosure Acts, ITAR, records management, archiving by lawyers
- Contract history: Templates for a successful project
- Getting buy-in from individuals and organizations
- Reaching underrepresented people and areas
- Archiving the experience of users
- Finding archival partners and solutions
- Ensuring access: Data management, ADA
- Dissemination and diffusion of best practices

While focused on space history, this NSF-funded conference aims to have a much larger impact by providing recommendations on policy and best practices. This conference addresses issues faced by all areas of history and science, technology, and society studies – encouraging high quality “history from below,” using new electronic technologies, preserving a wild range of materials, and educating a new generation of stakeholders.

“To Boldly Preserve” will be held March 1-2, 2018 at the Center for the History of Physics at the American Institute of Physics in College Park, Maryland and will be conducted in English. The organizers can assist with travel and accommodation expenses for presenters. Please send a one-page abstract and one-page CV as one PDF file to [toboldlypreserve@gmail.com](mailto:toboldlypreserve@gmail.com) by October 1, 2017. Decisions about acceptance will be made by November 1, 2017. For more information, contact Jonathan Coopersmith ([j-coopersmith@tamu.edu](mailto:j-coopersmith@tamu.edu)), Angelina Callahan ([angelina.callahan@nrl.navy.mil](mailto:angelina.callahan@nrl.navy.mil)), or Greg Good ([ggood@aip.org](mailto:ggood@aip.org)).

### ***The History of Women in Engineering in the UK***

IET Savoy Place, London, Monday 27 November 2017

#### **CFP – DEADLINE: FRIDAY 6 OCTOBER**

Established in 1919 in the immediate aftermath of the First World War, the Women's Engineering Society (WES) provided a focal point for demands by women for a role and voice in the engineering industry as well as its societies and institutions. However, the foundation of WES does not mark the origins of women in engineering in Britain but rather forms part of a longer history stretching back to the nineteenth century and possibly beyond.

We are especially interested in exploring a longer history of women in engineering (loosely defined) and in recovering, highlighting, and better understanding the diverse roles of women in British engineering in nineteenth and twentieth centuries. We are also interested to explore how a significant number of women came to participate in British engineering (loosely defined) including as facilitators of women's work in engineering, most pre-eminently Caroline Haslett, and how they faced the challenges of crossing gender boundaries, sometimes with the support of professional engineering bodies such as the IEE (Institution of Electrical Engineers, now the IET). We would especially like to hear papers on women that have not featured in any previous scholarly study and the factors that brought their careers into this hitherto exclusively masculine profession, for example: women whose careers in engineering began with the new industries of aeronautics and automobile engineering as well as increased opportunities for women in engineering, technical, scientific and mathematical roles during the First World War.

Co-organised by Anne Locker at IET archives and Elizabeth Bruton at the Science Museum, the History of Women in Engineering one-day conference will take place at the IET Savoy Place in central London on Monday 27 November 2017. The Women's Engineering Society (WES) are pleased to support the conference in advance of their Centenary celebrations in 2019. Our conference will be of interest to historians and academics, professional engineers, museum curators, archivists, and others involved in and interested in the gender history, women's history, and the history of science, technology, engineering, and medicine (STEM) as well as those who teach and lecture in these areas. We invite proposals for twenty-minute papers, or panels of three papers, on the subject of the history of women in engineering.

Proposals of no more than 200 words, together with the name and institutional affiliation (if any) of the speaker, should be sent to Elizabeth Bruton at [elizabeth.bruton@sciencemuseum.ac.uk](mailto:elizabeth.bruton@sciencemuseum.ac.uk). Proposals for panels should include a separate proposal for each paper. We hope to produce a special issue of a journal from a selection of the conference papers so request potential speakers to indicate whether they would like to be considered for this potential publication. The closing date for submissions is Friday 6 October.

Conference Fee: The conference fee will approximately £25 and covers conference attendance, lunch, and refreshments.

For all enquiries about the conference, please contact Elizabeth Bruton at [elizabeth.bruton@sciencemuseum.ac.uk](mailto:elizabeth.bruton@sciencemuseum.ac.uk)

See <https://communities.theiet.org/groups/blogpost/view/214/273/5377> for an online copy of the CFP.

## VIII. Call for Manuscripts

**Original contributions are sought for a Special Issue of Economic and Political Studies (EPS):  
*Innovation, technological development and industrial restructuring in China***

Economic and Political Studies

Editor-in-Chief: Wei Liu Renmin University of China, Beijing, China

Executive Editor: Chengsi Zhang Renmin University of China, Beijing, China

Guest Editor: Abdol S. Soofi University of Wisconsin, Platteville, USA

Economic and Political Studies (ISSN 2095-4816), a peer-reviewed quarterly journal hosted by Renmin University of China and published by Taylor & Francis, calls for papers for a themed issue on “Innovation, technological development and industrial restructuring in China.”

### Overview

The economic transformation of China in the first three decades of the second half of the 20th century, and the economic reforms of the late 1970s in that country have led to great achievements in terms of rapid economic growth, reduction of poverty, a higher standard of living for many Chinese, technological development, and globalization. The Chinese government's heavy investment in sciences and technological development in the traditional as well as emerging industries began in the first decade of the 21st century. However, the technological advances, falling demand for basic commodities such as steel and coal, global competition, and the changing consumer tastes have led to overcapacity as well as to obsolescence of the existing technologies in several industries. As a result, many state owned enterprises have become inefficient. Hence, in September 1997, the Fifteenth Congress of Chinese Communist Party adopted the industrial restructuring policy to phase out inefficiency and modernize the technologically lagging state owned enterprises. Pursuant to the adoption of this policy, China's government has invested 37.5 trillion yuan (5.7 trillion U.S. dollars) to help companies upgrade their production technologies as well as plants and equipment during the 2011-2015 period alone, and has allocated a large sum of funds for restructuring the industries with over and under capacity.

This Special Issue of Economic and Political Studies aims to collect a set of high-quality papers, theoretical, empirical as well as policy oriented, which deal with the policies, practices, and outcome of technological development strategies of central and provincial governments in China. These papers should also critically scrutinize industrial restructuring strategies (asset sale, equity carve-out, spin-off, inbound and outbound mergers and acquisitions, liquidation, and corporate alliances among others) of the enterprises in the country.

These papers could focus on the purely domestic issues in China or deal with international comparative studies that involve Chinese enterprises or have implications for policy making in China.

We are especially interested in contributions on the following topics:

1. State-firm innovation collaborations
2. Measurement of innovation capacity of state owned enterprises
3. Comparative measurements of total factor productivity at private firms and SOEs
4. Survey of R&D investment and technological learning practices by private and state-owned enterprises
5. Analyses dealing with implementation and outcome of the Medium and Long-term Program on Science and Technology (MPL), and Strategic Emerging Industries (SEIs).
6. Sector specific industrial restructuring particularly in steel and coal industries
7. Forms of restructuring
8. Case studies involving inbound and outbound mergers and acquisitions as a mean of restructuring
9. Central and provincial government innovation policies, investment, and outcomes
10. Central and provincial government restructuring strategies, investment, and outcomes
11. Issues arising from industrial restructuring e.g. regulations, unemployment, taxation
12. Other relevant topics

Submission and Peer Review

Authors should submit their manuscripts online at <http://www.edmgr.com/reps/default.aspx>.

The deadline for submitting papers is September 30, 2018.

The selection of papers for inclusion in the Special Issue will be based on a regular blind, peer review process.

For further information: Economic and Political Studies: [journal@ruc.edu.cn](mailto:journal@ruc.edu.cn) ; Soofi@uwplatt.edu

URL: <http://www.tandfonline.com/reps>

## **IX. Job Openings**

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

## **Austria**

- [Postdoctoral Assistant / Postdoctoral Assistant at the Institute of History](#)  
Alps-Adriatic University of Klagenfurt, Department of History, Department of Contemporary History
- [Associate Professor of Strategic Communications](#)  
Webster Vienna Private University, Media and Communications

## **Canada**

- [3 Tenure-Track Positions in Education](#)  
Queen's University
- [Dean Faculty of Education](#)  
University of Regina
- [Full Time Tenure Stream Assistant Professor in Activist Archaeology](#)  
York University, Department of Anthropology, Faculty of Liberal Arts & Professional Studies
- [Contractually Limited Appointment as a Teaching Officer in Ancient History](#)  
York University, Department of History

## **China**

- [Professor/Associate Professor in Culture Industry Economy](#)  
Shanghai University, School of Digital Arts
- [Professors/Associate Professors/Lecturers in Cultural Studies](#)  
Shanghai University, College of Liberal Arts
- [Professors/Associate Professors in Chinese History](#)  
Shanghai University, College of Liberal Arts
- [Professors/Associate Professors in World History](#)  
Shanghai University, College of Liberal Arts
- [Professors in Urban Public Art and International Contemporary Art](#)  
Shanghai University, College of Fine Arts
- [Professors/Associate Professors in Journalism and Communication](#)  
Shanghai University, Department of Journalism, Shanghai Film School

## **Denmark**

- [Professor of Education](#)  
University of Southern Denmark, Department for the Study of Culture

## **Germany**

- [W3-Professorship for Education with a focus on General Didactics and Teaching Research](#)  
University of Münster, Department of Educational Science and Social Sciences
- [Doctoral Researcher \(PhD position\) in English Literature](#)  
University of Freiburg, English Seminar
- [Chair \(W3\) of History of Saxony](#)  
TU Dresden, Institute of History, Faculty of Arts, Humanities and Social Science
- [W3-Professorship for the History of the Arts and Culture of China](#)  
Friedrich-Alexander-University of Erlangen-Nuremberg, Department of Philosophy and the Department of Theology
- [W 3-Professorship for Philosophy](#)  
University of Heidelberg, Philosophical Seminar
- [Full Professor \(W2\) in Interdisciplinary Research Areas between Theology, Natural Sciences, and Engineering](#)  
RWTH Aachen University, Faculty of Arts and Humanities

- [W2-University professor for Pre-Asian Archeology](#)  
University of Münster, Department of Ancient Near Eastern Philology and the Faculty of Ancient Near Eastern Studies
- [W3-Professorship for Slavic Studies](#)  
University of Münster, Slavic-Baltic Seminar, Faculty of Philology
- [W3 Professorship in Communications Science](#)  
University of Münster, Institute of Communication Science, Faculty of Educational Science and Social Sciences

### **Hong Kong**

- [Chair Professor/Professor/Associate Professor/Assistant Professor in the Department of Asian and International Studies](#)  
City University of Hong Kong, Department of Asian and International Studies
- [Tenure-Track Assistant Professor in Hong Kong Literature and Culture](#)  
University of Hong Kong, School of Humanities (Comparative Literature)
- [Post-doctoral Fellow in the Journalism and Media Studies Centre](#)  
University of Hong Kong, Department of Journalism and Media Studies Centre
- [Tenure-Track Assistant Professor in Drama and English Literary Studies](#)  
University of Hong Kong, School of English
- [Tenure-Track Assistant Professor in Asia and Transnational Connections](#)  
University of Hong Kong, School of Humanities (Comparative Literature)

### **Lebanon**

- [Chair of the Department of Art and Design](#)  
Lebanese American University

### **New Zealand**

- [Lecturer / Senior Lecturer in Media Studies](#)  
Massey University, School of English and Media Studies, College of Humanities and Social Sciences
- [Lecturer in Communication Studies - Māori and Pacific Early Career Academic Programme](#)  
Auckland University of Technology, School of Communication Studies

### **Norway**

- [Doctoral Research Fellowship in Design History](#)  
University of Oslo, Department of Philosophy, Classics, History of Art and Ideas
- [Henrik Steffens Visiting Professorship](#)  
University of Oslo, Faculty of Languages and Literatures

### **Singapore**

- [Teacher in English Language Preparatory Program](#)  
James Cook University Singapore

### **Taiwan**

- [Assistant/Associate/Full Professor of Western Art History](#)  
National Taiwan Normal University

### **United Arab Emirates**

- [Faculty in Journalism](#)  
Abu Dhabi University, Department of Com Studies & Language



- [Adjunct Faculty of Mass Communications](#)  
Abu Dhabi University, College of Arts and Sciences
- [Adjunct faculty position in the Department of English](#)  
American University of Sharjah, Department of English

#### **United Kingdom**

- [PDRA in Scientific Archeology](#)  
University of York, Department of Archaeology
- [Chair in History](#)  
Lancaster University, Department of History
- [Senior Lecturer/Reader in Digital Humanities](#)  
University of East Anglia, Faculty of Arts and Humanities

#### **United States**

- [Director School of Education](#)  
Colorado State University

## **X. 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:

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

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