

# ICOHTEC NEWSLETTER

N° 157, May 2018

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



## United States Patent [19]

Dixon

[11] B 3,929,430

[45] Dec. 30, 1975

- [54] **PROCESS FOR MAKING SYNTHETIC FUEL GAS FROM CRUDE OIL** 3,595,805 7/1971 Cohn et al. .... 252/373  
 3,732,085 5/1973 Carr et al. .... 48/214  
 3,778,239 12/1973 Gambs et al. .... 48/197 R X  
 3,862,899 1/1975 Murphy et al. .... 48/214 X
- [75] Inventor: **Rolland E. Dixon**, Bartlesville, Okla.
- [73] Assignee: **Phillips Petroleum Company**, Bartlesville, Okla.
- [22] Filed: **May 14, 1973**
- [21] Appl. No.: **359,791**
- [44] Published under the Trial Voluntary Protest Program on January 28, 1975 as document no. B 359,791.
- [52] U.S. Cl. .... **48/211; 48/213; 48/214**  
 [51] Int. Cl.<sup>3</sup> .... **C10G 37/10; C10G 11/28**  
 [58] Field of Search ..... **48/197 R, 211, 212, 213, 48/214, 215; 208/97, 212**

*Primary Examiner*—Robert L. Lindsay, Jr.  
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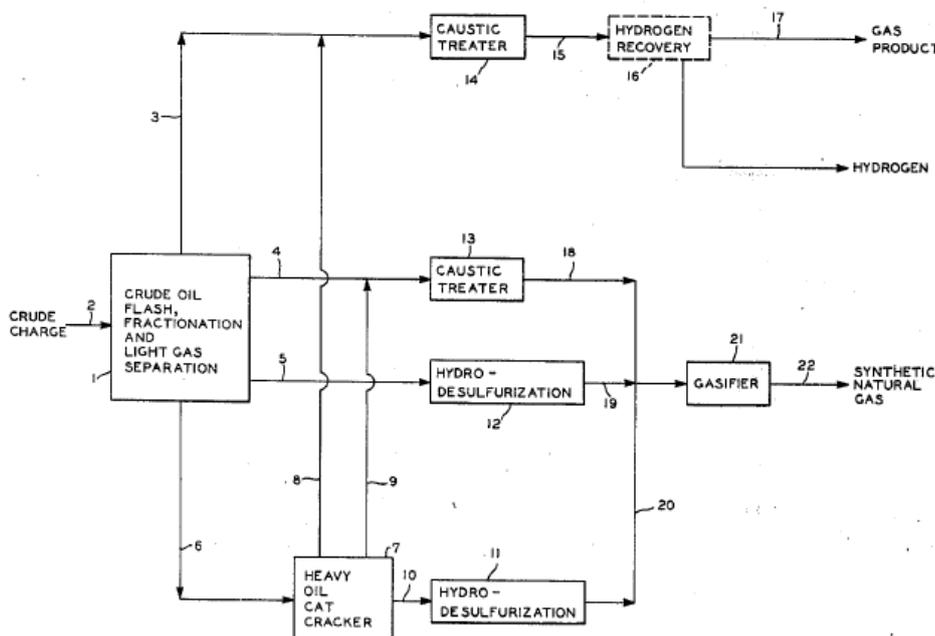
[57] **ABSTRACT**  
 A synthetic fuel gas is produced from crude oil by a combination of inter-related steps which separate the oil into several fractions, a first ethane and lighter gaseous fraction, a further gas fraction containing propane and butane, a gasoline containing fraction boiling up to, about 400° F, and a heavy oil or residual fraction, the first two fractions are treated with caustic to remove sulfur and sulfur compounds therefrom, the third fraction is hydrodesulfurized and the fourth fraction is catalytically cracked to extinction to produce gaseous products and an additional gasoline fraction which is hydrodesulfurized whereupon all except the first fraction are combined and then converted by known operation to produce a synthetic natural gas or fuel. This gas or fuel can be combined with the first gas fraction either before or after hydrogen has been removed from it.

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5 Claims, 1 Drawing Figure



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

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## I. ICOHTEC SUMMER SCHOOL 2018

Theme	<i>Does Technology drive history? Theoretical Concepts and Historical Examples</i>
Dates	July 16 to July 17, 2018 July 17 to July 21, 2018
Venues	Museum of Art and Industry, St. Étienne Jean Monnet University, MRASH, St. Étienne

The Second ICOHTEC Summer School will combine the 45th ICOHTEC Symposium with a two 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 application of 25 students from 17 countries has been accepted.

The topic of the ICOHTEC is *Does Technology drive History? Theoretical Concepts and Historical Examples*. It aims at taking stock of the current state of theoretical approaches in the history of technology such as technological determinism, LTS, SCOT, ANT, cultural history or concepts of a transnational and global history of technology. What are the strengths and weaknesses of these concepts as heuristic and analytical tools for investigating diverse issues in the history of technology? What about the feasibility and merits of combining some of those concepts? What could a new and original approach to the history of technology look like?

### Description

The ICOHTEC Summer School consists of two parts:

#### Part 1: Academic Program

Daily lectures given by leading scholars.

Presentation and discussion of the students' on-going research in two groups with specialist tutors. Design of a tailor-made program of attendance in the ICOHTEC Symposium.

### **Part 2: ICOHTEC Symposium**

Attendance at tailor-made set of sessions (depending on each student's line of research and to be decided during the Summer School) within the ICOHTEC Symposium program.

### **Certification**

All students who complete the program will receive an *attendance certificate*.

### **Lecturers and Lectures:**

Francesca Bray, University of Edinburgh, UK:

*Resisting transformation: technology, reproduction and the making of history*

In popular understanding the term technology implies radical innovations that transform the world and the human condition. But many key technologies (think car-springs, brewing or insulation) embody another complementary dimension of material control. They absorb shocks and damp oscillations, thus facilitating the reproduction of societies and cultures and enhancing their resistance. This reproductive dimension of technological practice is equally significant for understanding history but has attracted less attention. As mainstream history of technology shifts its focus from innovation and the teleologies of modernity to everyday experience, maintenance and meaning, Francesca Bray discusses the attractive theoretical and methodological possibilities opened by an anthropological perspective that focuses on technologies as tools for reproducing specific material worlds, social relations and regimes of value that can successfully adapt to or absorb pressures for change or disintegration. As an illustration, she takes the case of communications technologies and their place in maintaining family cohesion, comparing socio-technological systems of intimacy in 17<sup>th</sup>-century China and in late 20<sup>th</sup>-century California.

Michel Cotte, University of Nantes, France:

*Railway of Saint-Étienne to Lyon, a brother of the Liverpool-Manchester (1826-1833: adaption and innovation during the Industrial Revolution*

The railway line from Saint-Etienne to the Rhone Valley was initially conceived for opening up the coalmines of Rive-de-Gier and Saint-Etienne, later called 'Loire Collieries'. During the year 1826, it comes into sight for a set of reasons: the first French pioneer line under construction between Saint-Etienne and the Loire River (Andrézieux) powered by gravity and animals, the urgent call for modern, quantitative and cheaper coal transportation by local mine owners and coal merchants, and some echoes about British projects, especially the Stockton-Darlington line. Seguin's brothers were attentive to such information and organised a fact-finding trip to England. In parallel, French concession bid for the railway was organised by government and a joint-stock company was launched under the initiative of Seguin family.

The technical project was very delicate to design because the mountainous context of the line and the associated question of train powering. A new fact-finding trip to England was organised and led to a contract with George Stephenson, Newcastle, for two steam locomotives and a visit of the site of the Liverpool-Manchester line which had been started its construction by him (1827). Nevertheless, the reception followed by first tests of the British steam engine were disappointing

by manifest weakness of boiler capacities. Marc Seguin decided to replace it by one boiler of its own design within tubular system; it had been successfully tested in context of its Rhone steamboats Co., and the first locomotive with tubular boilers ran successfully at Lyon Perrache (1828).

At that time, the exchange of information and circulation of technical ideas were very active on a large scale. It took place by the way of fact-finding trips and commercial relationships by private and local Co., a model of development frequently underestimated in French context. We will discuss the two main ways operating at that time in a France supporting the industrial take-off: the official one under the rule of French State engineers, frequently underlined, and the second by the private initiative of individual contractors directly in contact with British engineers and firms, frequently underestimated in a country like France.

The lecture will also examine the construction of the line, the civil engineering challenge of mountainous context and consequences of the steam engine choice. We also look at its first commercial transportation (1830), full technical achievement of the line, and launching of goods and passengers' transportation (1833). To conclude, we will pay specific attention to Seguin as first builder of a locomotive out of England, as first designer of mountain railway line and also to the economic results of the initial period of line management in comparison with other railway lines of the time, especially the Liverpool-Manchester.

In methodological terms, the lecture will show the importance of multidisciplinary approach of the history of technology, paying attention to macroeconomic and microeconomic contexts, political and cultural contexts of innovation and also to its social acceptance. It is clearly a case study with answers and hypothesis to the summer school main question: "Does Technology drive History?", bearing simultaneously key issues at factual and theoretical level, especially for ANT and SCOT point of views, but also about the dilemma for national trends and models versus international culture and influences.

David Edgerton, King`s College, London, UK:

*What is 'technological determinism' and why is it so disliked by historians of technology?*

One would have thought that technological determinism would be the central idea for historians of technology. Yet, it is opposition to it, which is taken by many as an indicator of historiographical seriousness in the field. In this talk I will discuss the changing meanings of technological determinism, and in particular its status as a badly specified straw person in the discourse around what the history of technology could be. I then suggest what is usually wrong with such technologically determinist arguments which exist, and they are in reality few, is not the method as such, but more fundamentally, the choice of technology, the analysis of society, and the specific nature of the connections. Understanding what is really wrong with most technological determinism, is much more useful than denouncing it as methodological poison.

There will be four tutors from the École Nationale des Travaux Publics de l'Etat:

Richard Cantin, richard.cantin@entpe.fr

Mike Coillot, mike.coillot@entpe.fr

Mohamed El Maukibi, mohamed.elmankibi@entpe.fr

Pierre Michel, pierre.michel@entpe.fr

The members of the summer School Committee except Klaus Staubermann will also be present at the Summer School:

Hans-Joachim Braun (chair), Germany, [hjbraun@hsu-hh.de](mailto:hjbraun@hsu-hh.de)

Maria Elvira Callapez, Portugal, [mariaelviraacallapez@gmail.com](mailto:mariaelviraacallapez@gmail.com)

Michel Cotte, France, [cotte.michel@orange.fr](mailto:cotte.michel@orange.fr)

Timo Myllyntaus, Finland, [timmyl@utu.fi](mailto:timmyl@utu.fi)

Klaus Staubermann, UK, [k.b.staubermann@gmail.com](mailto:k.b.staubermann@gmail.com)

### Preliminary schedule

Monday, July 16

9:00-9:30 Opening

9:30-11:00 Lecture 1 (David Edgerton) and discussion

11:00-11:15 Coffee Break

11:15-12:30 Session 1, two groups, discussion of students' papers

12:30-13:30 Lunch

13:30-15:30 Session 2, two groups, students' papers.

15:30-15:45 Coffee Break

15:45-17:15 Lecture 2 (Francesca Bray) and discussion

17:15-19:00 Sightseeing Tour of the City of St.Étienne with local students

19:00 Free Evening

Tuesday, July 17

9:00-10:30 Lecture 3 (Michel Cotte) and discussion

10:30-10:45 Juice Break

10:45-12:00 Session 3, two groups, students' papers.

12:00-13:00 Lunch

13:00-14:30 Session 4, two groups, students' papers.

14:30-15:00 Coffee Break

15:00 -16:00 Final discussion

To receive further information please write to Prof. Hans-Joachim Braun [hjbraun@hsu-hh.de](mailto:hjbraun@hsu-hh.de)

## **II. CALLS FOR MANUSCRIPTS**

### **Call for thematic issue (2020): HoST - *Journal of History of Science and Technology***

HoST- Journal of History of Science and Technology is an open access, on-line peer-reviewed international journal devoted to the History of Science and Technology, published in English by a group of Portuguese research institutions and De Gruyter (<https://www.degruyter.com/view/j/host>). HoST encourages submissions of original historical research exploring the cultural, social and political dimensions of science, technology, and medicine (STM), both from a local and a global perspective. Past thematic issues have dealt with

topics as diverse as circulation, communication of science and the relation between science and politics. Future issues might deal with both established and emerging areas of scholarship.

The editors of HoST are looking for proposals for two thematic issues to be published in 2020 (HoST volume 14, issues 1 and 2). Each thematic issue should be prepared by a guest editor and include four research papers. Proposals should include the following items:

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

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

- Abstract and titles submission: 30 May, 2018
- Submission of complete research papers: 31 May, 2019 (issue 1); 30 November, 2019 (issue 2)
- Publication: June, 2020 (issue 1); December, 2020 (issue 2)

Proposals will be subject to approval by the Editorial Board and the outcome will be known to the authors by June 2018. Submissions should be sent as an e-mail attachment (preferably in one single .doc, .docx, .rtf or .odt file), to the editor: [chiefeditor@johost.eu](mailto:chiefeditor@johost.eu). For further information: <https://www.degruyter.com/view/j/johost>. To view back issues published until 2014, see <http://johost.eu/>.

Maria Luísa Sousa, Post-doc researcher, financed by the Foundation for Science and Technology, Portugal

### **Call for Articles: Disagreement in Science - Special Issue of *Synthese***

Guest editors:

Maria Baghramian (University College Dublin)

Finnur Dellsén (Inland Norway University of Applied Sciences)

We invite submissions of original papers for a special issue of *Synthese* on the topic “Disagreement in Science”.

Recent epistemology has seen an explosion of interest in disagreement and other related questions in social epistemology. While much progress has been made on abstract and general epistemological issues relating to disagreement, there has been surprisingly little discussion of how, if at all, these lessons can be applied to disagreement within science in particular. Furthermore, several aspects of the topic go beyond merely applying lessons from analytic epistemology. For example, scientific disagreement is unlike many ordinary cases of disagreement in that there is often little reason to think that the disagreement is due to a simple mistake by one of the parties of the type often appealed to in the epistemology of disagreement literature. Rather, if there is disagreement among two or more groups of scientists, it is most commonly grounded in a more fundamental difference in their methods, background assumptions, or scientific outlooks.

The special issue will focus on philosophical questions raised by disagreement within science or particular scientific disciplines. Appropriate topics for contributions include (but are not limited to):

- How, if at all, should scientists reevaluate their theories and models upon realizing that their scientific peers have a contrary opinion? How should scientific disagreements be resolved?
- Is there such a thing as “peer disagreement” in science – i.e. disagreement between equally well informed and equally competent scientists – or is this too much of an idealization from actual scientific practice to tell us anything worthwhile about scientific controversies?
- What sort of things do scientists disagree about – only matter of facts, or also conceptual issues and the proper values used in scientific practice?
- Does persistent scientific disagreement support or lend credence to relativism about scientific truths, or about scientific theory evaluation?
- Is scientific disagreement a desirable feature of scientific communities, or should scientists strive to build consensus on important topics?
- What, if anything, can the public learn from facts about disagreement (or its opposite, consensus), e.g. on topics such as medical research and climate models?

We welcome submissions that approach these questions in variety of ways, including formal approaches and case studies of scientific disagreements within particular disciplines.

Deadline for submissions: **October 15th, 2018.**

Submission instructions: Contributions must be in English, original and not under review elsewhere. Each submission should include a separate title page containing the contact details for the author(s), an abstract (150-250 words) and a list of 4–6 keywords. All papers will be subject to double-anonymous peer-review. Manuscripts should be submitted online through the Synthese Editorial Manager (<https://www.editorialmanager.com/synt>), by selecting the Special Issue “S.I.: Disagreement in Science” from the article type drop-down menu. For further details, please refer to the author guidelines available on the journal’s website:

[http://www.springer.com/philosophy/epistemology+and+philosophy+of+science/journal/11229?detailsPage=pltc\\_i\\_2998239](http://www.springer.com/philosophy/epistemology+and+philosophy+of+science/journal/11229?detailsPage=pltc_i_2998239)

For inquiries and further information, please contact the guest editors:

Maria Baghramian, [maria.baghramian@ucd.ie](mailto:maria.baghramian@ucd.ie)

Finnur Dellsén, [finnur.dellsen@inn.no](mailto:finnur.dellsen@inn.no)

### **III. ANNALS OF SCIENCE STUDENT ESSAY PRIZE 2018**

Submissions are being accepted for the Annals of Science best paper prize 2018. This prize is awarded annually to the author of an original, unpublished essay in the history of science, technology or medicine, which is not under consideration for publication elsewhere. The prize, which is supported by Taylor & Francis, is intended for those who are currently doctoral students, or have been awarded their doctorate within the past four years.

Essays should be submitted to the Editor in a form acceptable for publication in Annals of Science. View the Instructions for Authors: (<http://www.tandfonline.com/action/authorSubmission?journalCode=tasc20&page=instructions>). The winning essay will be published in the Journal, and the author will be awarded US\$1000 and a free subscription to Annals of Science. Papers should be submitted by 30th September 2018. Questions and submissions should be directed to the Editorial Assistant: [annals.science@gmail.com](mailto:annals.science@gmail.com)

#### IV. CALLS FOR PAPERS

##### **The Plastics Heritage Congress 2019. 29-31 May 2019, Lisbon**

**Deadline for session proposals: 30<sup>th</sup> August 2018; for paper proposals: 15<sup>th</sup> November 2018.**

We are living in a time of increasing dependence on and encounters with synthetic materials, such as plastics, in our day-to-day life. The Plastics Heritage Congress 2019, which general theme is "**Plastics heritage: history, limits and possibilities**" intends to emphasize the synthetic material's "plasticity" that makes them crucial in today's globalized world and to understand the chameleon capability of plastics, their limits and possibilities.

This congress aims to address plastics history and heritage by encouraging papers that contribute to a deeper understanding of the socioeconomic culture and material culture of historic polymeric materials (HIPOMS) in their various representations and functions in society.

The main theme embraces the concepts of history, limits and possibilities of plastics heritage as organizing principles, thus perceiving their impact on the consumer and their technical and scientific developments. The programme committee suggests the following non-exhaustive sub-themes for contributors of individual papers, and posters:

- Plastics history (historic polymeric materials [*Hipoms*] manufacturing, engineering, companies)
- Plastics heritage (*Hipoms* in art, design, everyday use, technical objects and architecture)
- Collecting *Hipom* objects
- Conservation of *Hipoms* (artefacts, technical heritage, material characterization)
- Documentation and reproduction (archives, data bases, digital scanning, 3D-printing etc.)
- Plastics limits (degradation, waste problems, environmental impacts, history of social interactions)
- Plastics and emotions: impact on consumers and design personalisation.

All proposals must be in English. For advice on preparing your submission and the conference presentation, please consult the guidelines.

In addition to the scientific programme, the congress will include social events.

#### PROPOSAL GUIDELINES

**INDIVIDUAL PAPER** proposals must include: (1) a 200-350-word 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.

If you are submitting a paper proposal dealing with a particular subtheme, please indicate this in your proposal.

In preparing your paper, remember that presentations are not full-length articles. Depending on the number of papers in the session, you will have no more than 16-20 minutes to speak, which is roughly equivalent to six – eight 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 congress for consideration by Journal of Plastics History **e-plastory**. <http://www.dg-kunststoffgeschichte.de/e-plastory/index.php/e-plastory>

**SESSION** proposals must include (1) an abstract of the session (200-350 words at maximum), listing the proposed papers and a session chairperson; (2) abstracts for each paper (200-350 words); (3) a one-page CV for each contributor and chairperson. Sessions should consist of at least one set of presentations – but no more than four time slots of 90 minutes – and they may include three or four papers in each, which might extend series of successive sections over more than one day. Proposing a commentator – instead of the fourth presenter – is also possible. The programme committee reserves the right to relocate papers to different themes and add papers to sessions. We also encourage proposing roundtables and other "untraditional" as well as experimental session formats. Whatever the session format will be, organisers and chairs are expected to reserve enough time for general discussion between the presenters and audience.

**POSTER** proposals must include (1) a 200-350-word 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 one of the specified subthemes for your poster.

#### PROPOSAL SUBMISSIONS

The final deadline for **session proposals is 30<sup>th</sup> August 2018** and for individual **paper proposals is 15<sup>th</sup> November 2018**.

If you have any questions related to the scientific programme, papers or posters then please contact Guenter Lattermann ([guenter.lattermann@uni-bayreuth.de](mailto:guenter.lattermann@uni-bayreuth.de)), the chair of the programme committee or Maria Elvira Callapez ([mariaelviraallapez@gmail.com](mailto:mariaelviraallapez@gmail.com)), co-chair.

#### **Histories of Technology's Persistence: Repair, Reuse and Disposal**

Workshop at the Luxembourg Centre for Contemporary and Digital History (C2DH), University of Luxembourg, 7-8 December 2018. Submission deadline: **2 July 2018**.

The everyday use of technology involves practices of maintenance and repair but also raises questions of reuse and removal, dismantling and disposal. According to Stephen Graham and Nigel Thrift (2007: 19), repair and maintenance constitute "the engine room of modern economies and societies". The current "maintainers network" (Russell/Vinsel 2018) argues for an emphasis on maintenance instead of the traditional focus on invention and innovation in the field of history of technology. Indeed, we still know surprisingly little about the history of repair, reuse and disposal

practices. In his plea for a history of "technology-in-use", David Edgerton (2008: 81) summarised: "Unfortunately we are not in a position to give an overview of the main trends in the history of maintenance and repair. Has maintenance as a proportion of output gone up or down? Where there has been a trade-off between initial cost and maintenance, what have producers and consumers gone for?" We still lack answers to these questions, which is why we are organising a workshop to bring together historians of maintenance and repair.

Furthermore, we want to combine our focus on maintenance and repair with issues of reuse, dismantling and disposal. Repair, reuse and removal are closely interlinked phenomena related to the lives and persistence of technologies, and they go beyond the question of innovation: When technical artefacts become old and outworn, decisions have to be taken as to whether it is necessary, worthwhile or possible to maintain and repair them, to reuse or dismantle them for different purposes, or to get rid of them. And these decisions depend among other factors on the availability of second-hand markets, repair infrastructures and dismantling or disposal facilities. This is why cultures of repair should be studied with regard to the life span of technical artefacts and their possible "second" or "third lives" and "afterlives" (Krebs/Schabacher/Weber 2018). Steve Jackson recently argued for "broken world thinking": Historians of technology should take "erosion, breakdown, and decay, rather than novelty, growth, and progress, as (...) starting points" for their research and narratives (Jackson 2014: 221). In a similar vein, but with an emphasis on technology's persistence, we would like to stress the long lives of old technologies whose form and duration has been shaped by maintenance, repair, reuse and disposal infrastructures, by their availability or absence, and by the related economies of waste, recycling and reuse. It is generally assumed that practices of repair and reuse have gradually declined along with the rise of 20th-century mass production, mass consumption and throw-away societies. However, it is safe to argue that maintenance and repair have not become obsolete in modern consumer societies. For one, production and infrastructure facilities are in constant need of maintenance to keep them running. And even the spread of new consumer technologies such as automobiles, television sets and household appliances has greatly depended on maintenance and repair services as well as second-hand markets and refurbishment shops (Krebs/Schabacher/Weber 2018). Moreover, while cultures of repair have declined in certain areas, they have thrived in others, as can be seen by the post-war "do-it-yourself" and the current "iFixit" movements. Seen from a global perspective, repair and reuse markets have not disappeared, but have been outsourced – along with toxic waste disposal and recycling practices – to regions far away from the places of technologies' first-time usage.

In short, the aim of our international workshop is to bring together the growing scholarship in the history of repair, reuse, dismantling and disposal. Some of the questions we would like to address are:

- What can we learn from microhistories of repair, reuse and waste disposal? And from a macro historical perspective: How have the economies of repair, reuse and removal changed over time?
- What links can be identified between the rise and decline of maintenance and disposal systems and societal developments? For instance, how has the governance of maintenance and disposal changed (or not) between pre-industrial, industrial and post-industrial societies?
- What role has maintenance played in the development and momentum of technical infrastructures and large technological systems?
- Who are the agents and experts of maintenance, reuse and disposal, and what socio-technical positions do they hold?

- How have the supply and pricing of spare parts, the repairability of technical designs, legal questions of maintenance and warranty, as well as disposal requirements changed over time? What role have standards and regulations played in shaping maintenance and disposal regimes?
- What is the role of a historiography of maintenance, repair, reuse and waste disposal? Should historians contribute to the current repair movement and in what ways might they contribute to a more sustainable world?

Travel and accommodation costs of invited workshop participants will be covered by the C2DH. The workshop will be based on pre-circulated papers (approx. 4,000 words; deadline 16 November 2018). Workshop contributions will be published in an edited volume (print and open access ebook). Please send proposals (350 words) to stefan.krebs@uni.lu; **deadline 2 July 2018**.

Organisers: Stefan Krebs (Luxembourg Centre for Contemporary and Digital History), Heike Weber (Karlsruhe Institute of Technology)

### **Drugs in the Medieval World (ca. 1050–ca. 1400).**

**7-8 December 2018, King's College London**

Sponsored by the Wellcome Trust, in the framework of the research project 'Experiment and Exchange: Byzantine Pharmacology between East and West (ca. 1150-ca. 1450)'. Organised by Petros Bouras-Vallianatos and Dionysios Stathakopoulos

From the mid-eleventh century onwards the Mediterranean world was a hotbed of transcultural interactions to an even greater degree than had been the case in the past. The field of pharmacology is particularly significant in this historical context in both social and cultural terms, because it involved practical matters, such as the administration of drugs, thus impacting on the everyday life of a large number of people of all social classes. Yet we lack comparative studies in this field or studies on the interrelationship between the different Mediterranean traditions, including the Byzantine, Islamic and Latin Western traditions, as well as on the role of minority ethno-religious groups, such as the Jews in the process of knowledge exchange. This conference seeks to promote discussion and research on the evidence for interaction between different cultures and regions in the medieval Mediterranean in an attempt to create a much more detailed and critical narrative. In doing so, it also aims to foster dialogue between scholars and disciplines by focusing, inter alia, on the following topics:

- transfer of pharmacological knowledge
- drug experimentation and drug therapy
- drugs as commodities (e.g. trade, diplomacy, consumption)
- drugs outside medicine (e.g. magic, alchemy)
- discovering new material in medieval pharmacology

Confirmed Speakers: Leigh Chipman, Nicolas Drocourt, Arsenio Ferraces Rodríguez, Eliza Glaze, Richard Greenfield, Peregrine Horden, Fabian Käs, Efraim Lev, Matteo Martelli, Kathleen Walker-Meikle, Ronit Yoeli-Tlalim.

Abstracts (of no more than 300 words) should be in English and include title of the paper, full name, academic affiliation, and contact details. These must be sent by Friday, **June 22, 2018** to: [drugs.medieval.world.2018@hotmail.com](mailto:drugs.medieval.world.2018@hotmail.com)

### **Science and Technology area, Northeast Popular Culture Association**

The Science and Technology area of the Northeast Popular Culture Association encourages paper submissions that explore the relation of science and technology to popular culture and to American culture. Science and technology are broadly defined. Some topics may include:

- science and technology in print and visual culture
- cultural influences on science and technology
- popularization of science and technology
- science education and the celebrity scientist
- science and technology in the museum
- science and the internet
- science, technology, and the future

Scholars and independent researchers from all levels and disciplines are welcome to submit.

Representations of science/scientists in television, film, art, print (newspapers, magazines, novels, comics, etc.), and other media

- Use of science in popular culture
- The cultural influence of science
- Influences of popular culture on science and scientists
- Internet culture and science
- Scientists as celebrities, and celebrity advocates of science
- Popular science and public understandings of science
- Science communication and education
- Translations of science into the public domain
- The public and popular dimensions of scientific debates
- Science and music
- History and philosophy of science

Proposals for individual papers or complete panels are due by June 1, 2018. Additional information and guidelines can be found at <https://nepca.blog/2018-conference/>. Contact Info:

Todd M. Olszewski, Ph.D.

Health Policy and Management

Providence College

[tolszews@providence.edu](mailto:tolszews@providence.edu)

### **Water History Conference 2019 in Florianópolis, Brazil**

The Water History conference of the International Water History Association (IWHA) in Florianópolis, Brazil, July 2019 will once again provide a platform to exchange and develop insights about the history of our most precious resource.

Our IWHA conference will feature in the 3rd World Congress of Environmental History, co-organized by the Universidade Federal De Santa Catarina and the International Consortium of Environmental History Organizations (ICEHO), of which the IWHA is a proud member. Joining forces with the World Congress offers the opportunity for water historians to share their research with scholars working on environmental history more broadly, and to find new and productive intersections for further work.

The theme of the World Congress is *Convergences: The Global South and the Global North in the Era of Great Acceleration*, and we encourage past, present and potential IWHA members to submit proposals for panels or individual papers that speak to this theme in a variety of ways. In order to ensure a strong and visible IWHA presence at the World Congress, we invite members to submit their proposals to the IWHA by **Tuesday July 31, 2018**.

The 2019 Water History conference will be held from Monday July 22 to Friday July 26, 2019, in conjunction with the World Congress. For more information about the World Congress and travelling to Florianópolis, please visit the World Congress webpage. For more information about the Water History Conference, please contact the IWHA Executive. Please note that the Program Committee for the World Congress will determine which proposals are accepted, not the IWHA.

Contact Info: Ruth Morgan, on behalf of the International Water History Association

Contact Email: [admin@iwha.info](mailto:admin@iwha.info).

<http://www.iwha.info/>

### **Technologies of Health, 1400-1700, RSA Annual Meeting, Toronto, 17-19 March, 2019**

The goal of this session is to explore technological developments in health and medicine between 1400- 1700. We seek contributions that focus on the promotion of new tools and therapies for health benefits among individuals and populations, or on the salubrity of buildings and cities through innovative materials or structural and urban infrastructures. Approaches that center on technologies for healthy living and disease prevention, and not simply reactionary treatments or responses to crises, are also welcome. Additionally, proposals may consider the provisional character of technological developments as processes in order to examine failures in the history of health and medicine. We encourage interdisciplinary papers that engage contemporary treatises, intersections of religious and therapeutic practices, and the visual and material culture of health, as well as submissions that incorporate the global circulation of knowledge during the period.

Please submit paper proposals to Danielle Abdon ([danielle.abdon@temple.edu](mailto:danielle.abdon@temple.edu)) and Elizabeth Duntemann ([elizabeth.duntemann@temple.edu](mailto:elizabeth.duntemann@temple.edu)) by July 1, 2018. Each proposal must include a paper title (max. 15 words), 150-word abstract, short CV (max. 300 words), and keywords.

## V. CONFERENCE ANNOUNCEMENTS

### **The Spirit of Inquiry in the Age of Jefferson**

American Philosophical Society, Benjamin Franklin Hall  
427 Chestnut Street, Philadelphia, PA. June 7 – 8, 2018

Co-sponsored by the Robert H. Smith International Center for Jefferson Studies at Monticello, the National Constitution Center, and the Herbert D. Katz Center for Advanced Judaic Studies, University of Pennsylvania

In commemoration of the 275th anniversary of the American Philosophical Society's founding in 1743 and the birth of its long-time President, Thomas Jefferson (1743-1826, APS 1780, President 1797-1814), the APS Library, along with the National Constitution Center and the Robert H. Smith International Center for Jefferson Studies at Monticello, are organizing a daylong symposium that aims to explore the history of science, knowledge production, and learning during the Age of Jefferson (1743-1826).

The event is free and open to the public. Registration and the full symposium program are available on our website: <https://www.amphilsoc.org/spirit-inquiry-age-jefferson>

#### THURSDAY, JUNE 7

5:30-7:30pm Evening Reception and Keynote  
National Constitution Center, 525 Arch Street, Philadelphia, PA  
Andrew O'Shaughnessy, Saunders Director  
Robert H. Smith International Center for Jefferson Studies, Monticello

#### FRIDAY, JUNE 8

9:30-10:30am Panel 1: Knowledge Networks  
Matthew Franco, College of William and Mary  
Joseph Eaton, National Chengchi University  
Diane Ehrenpreis and Endrina Tay, Monticello  
Comment by Barbara Oberg, Princeton University

#### 11:00-12:00pm Panel 2: Institutions of Knowledge

Reed Gochberg, Harvard University  
Paul Sivitz, Idaho State University  
Timothy Minella, Villanova University  
Comment by Babak Ashrafi, Consortium for History of Science, Technology, and Medicine

#### 1:00-2:00pm Panel 3: Science and Religion in Jefferson's America

Jonathon Awtrey, Louisiana State University  
Kirsten Fischer, University of Minnesota  
Arthur Kiron, University of Pennsylvania  
Comment by Kyle Roberts, Loyola University Chicago

#### 2:15-3:15pm Panel 4: Useful Knowledge

Andrew Fagal, Princeton University

Danielle Willkens, Auburn University

Andrew Wehrman, Central Michigan University

Comment by Keith Thomson, American Philosophical Society/ University of Oxford

3:30-4:30pm Panel 5: Negotiating Knowledge

Elizabeth Hyde, Kean University

Phillip Ziesche, Yale University

Cara Rogers, Rice University

Comment by Richard Shiffrin, Indiana University

**Joint Atlantic Seminar for the History of Medicine**

**October 5-6, 2018, Yale University**

Yale University is pleased to host the 16th meeting of the Joint Atlantic Seminar for the History of Medicine on October 5-6, 2018 in New Haven. JAS Med is convened annually for the presentation of research by young scholars working on the history of medicine and public health. The meeting was founded in 2002 to foster a collegial community that provides a forum for sharing and critiquing graduate student research.

We welcome student presentations on any topic and we especially hope to receive submissions that speak to this year's theme Networks of Health and Healing. This theme pulls our attention to the social relations of health and well-being that exist between traditional "nodes" of medicine and health care (i.e. hospitals, universities, and research institutions). These collectives of care might compliment established medicine in some way, or they might challenge it. They may be described as "innovative," "dynamic," and "intimate," or as "alternative," "pseudoscientific," or "illegal." Healing entanglements might exist within a family or a neighborhood, or they might transcend national boundaries. They may align with radical politics, but may also be ordinary ways of healing and surviving. We welcome historical projects from all time periods as well as scholarly work in adjacent fields including anthropology, sociology, public health, bioethics, law, gender and sexuality studies, and race, ethnicity, and justice studies.

Although they often lack the visibility of traditional medical nodes, networks of health and healing make up an important dimension of the history of medicine and public health that has to do with how people cared for themselves on a daily basis. Meaningful health relationships could exist beyond the walls of medical institutions and without the objective of inclusion in those institutions. Healing networks often appear in margins of medical institutional archives, and their silences tend to leave more questions than answers. What does care look like before and after the institution? How do communities provide for themselves when access to medical care is denied or cannot be trusted? How have people survived in medical care "deserts"? How is power concentrated or diffused within "unofficial" healing relationships? How do health networks connect to medical nodes? Who gets to define terms such as "network," "health," and "medicine"? What kinds of medical futures can be imagined in bottom-up or community-based health networks?

Topics encompassed by this theme include but are by no means limited to:

- The circulation of medical knowledge
- The exploitation and extraction of medical knowledge

- Community responses to medical racism, sexism, classism, ableism, homophobia, transphobia, or gender binarism
- Tools, technologies, and practices in the making of health communities
- Health and medical activism
- Alternative spaces and infrastructures of medical care
- The labor of care
- Health ideals and imaginaries

Abstracts of 300 words should clearly convey the argument, sources, and relationship to existing literature. Please submit online at <http://jashistofmed.wordpress.com/abstract-submission/> no later than June 15, 2018. Registration for the conference is free and is open until September 14, 2018. If you have any questions, please be in touch via email at [jashistofmed@gmail.com](mailto:jashistofmed@gmail.com). We look forward to welcoming you to New Haven in October!

Liana DeMarco and Megann Liciskai, on behalf of 2018 JAS Med Organizing Committee

Contact Info: JAS Med Steering Committee

Contact Email: [jashistofmed@gmail.com](mailto:jashistofmed@gmail.com)

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

### Jobs

#### Australia

- Research Fellow in Australian Research Council Centre of Excellence for the History of Emotions  
University of Melbourne, Melbourne Conservatorium of Music Faculty of Fine Arts and Music
- Postdoctoral Research Associate in ARC Laureate Project A Philosophy of Medicine for the 21st Century  
University of Sydney, Faculty of Arts and Social Sciences
- Lecturer in Japanese Studies  
Monash University, School of Languages, Literatures, Cultures and Linguistics in the Faculty of Arts
- Lecturer in French Studies  
Monash University, School of Languages, Literatures, Cultures and Linguistics in the Faculty of Arts

#### Denmark

- Postdoctoral fellowship Unearned Wealth A Literary History of Inheritance (1700-1850)  
Aarhus University, School of Communication and Culture
- PhD Scholarships at the Faculty of Humanities  
University of Copenhagen, Faculty of Humanities

- Professor in Ethics and Philosophy of Religion  
University of Copenhagen, Faculty of Theology

#### **Finland**

- Assistant Professor / Associate Professor / Professor of Cultural Heritage  
University of Helsinki, Faculty of Arts
- Doctoral Candidate in Area and Cultural Studies  
University of Helsinki, Faculty of Arts

#### **Ireland**

- Assistant Professorship in Philosophy  
Trinity College Dublin, Department of Philosophy

#### **Netherlands**

- Postdoctoral position 'Economic diplomats and conflict management'  
University of Amsterdam, Faculty of Humanities – Amsterdam School of Historical Studies
- PhD position 'The Hanse and conflict management'  
University of Amsterdam, Faculty of Humanities – Amsterdam School of Historical Studies
- Two PhD positions in the ERC project 'Platform Labor'  
University of Amsterdam, Faculty of Humanities – Amsterdam School of Cultural Analysis
- Postdoctoral researcher 'Gender and Urban Space in Edo (c. 1600-1850)'  
University of Amsterdam, Faculty of Humanities – Amsterdam School of Historical Studies
- Postdoctoral researcher Forensic culture in Russia, 1930-2000  
Utrecht University, Faculty of Humanities
- Post-Doc Researcher Twisted development: Failed attempts to create export textile production in Sub-Saharan Africa, ca. 1810-199  
Utrecht University, Faculty of Humanities
- Assistant Professor in Political History  
Utrecht University, Faculty of Humanities
- Post-Doc Researcher Patterns of trade. Textile wage rates, international flows of textiles, and tariff policies, ca. 1750-1990  
Utrecht University, Faculty of Humanities
- PhD candidate Industrialization and household textile production in the UK and China: a diachronic comparison, 1750-1990  
Utrecht University, Faculty of Humanities
- PhD candidate Forensic culture in the Netherlands, 1930-2000  
Utrecht University, Faculty of Humanities
- PhD candidate Forensic culture in England, 1930-2000  
Utrecht University, Faculty of Humanities
- Lecturer in Media Studies – New Media and Digital Culture  
University of Amsterdam, Faculty of Humanities – Department of Media Studies
- PhD candidate Different pathways towards industrialized societies: textile production in the US and Japan, 1750-1990  
Utrecht University, Faculty of Humanities

- PhD candidate Forensic culture in Spain, 1930-2000  
Utrecht University, Faculty of Humanities
- Three PhD positions “Governing Digital Societies in Europe”  
Utrecht University, Faculty of Humanities

### **United Kingdom**

- Teaching Fellow in Early Modern History  
University of Leeds, School of History
- Senior Research Associate in Endangered Archaeology in the Middle East and North Africa  
University of Oxford, School of Archaeology
- Associate Professorship (or Professorship) in Spanish Golden Age Literature  
University of Oxford, Merton College and the Faculty of Medieval and Modern Languages
- Departmental Lecturer in Tibetan and Himalayan Studies  
University of Oxford, Faculty of Oriental Studies
- Reader or Professor in the History of Political Thought  
Queen Mary University of London, School of History

### **United States**

- Lecturer Pool in Digital Humanities  
University of California Berkeley, College of Letters & Science - Department of English
- Lecturer in History of Science, Technology, Medicine, Environment, or Quantitative/Computational History  
University of California Berkeley, College of Letters & Science - Department of History
- Lecturer Pool - Undergraduate Courses in Department of Scandinavian  
University of California Berkeley, College of Letters & Science - Department of Scandinavian
- Lecturer in Various Fields of History  
University of California Berkeley, College of Letters & Science - Department of History
- Lecturer in European History  
University of California Berkeley, College of Letters & Science - Department of History
- Lecturer in United States History  
University of California Berkeley, College of Letters & Science - Department of History
- Tenure Track Assistant Professor in Ethics, Department of Philosophy  
University of California, Santa Barbara, College of Letters & Science
- Lecturer in Philosophy  
University of California, Santa Barbara, College of Letters & Science
- Studies
- Assistant Professor in Modern South Asia, c. 1500 to the Present  
University of California, Santa Barbara, College of Letters & Science
- Lecturer in History  
University of California, Santa Barbara, College of Letters & Science
- Assistant Professor in the Department of The History of Art and Architecture  
University of California, Santa Barbara, College of Letters & Science

- Temporary non-tenure track position in Art History  
University of California, Los Angeles, Department of Art History
- Lecturer of Japanese Literature and Culture  
University of California, San Diego, Department of Literature
- Temporary Lecturer in Ethnic Studies  
University of California, San Diego, Department of Ethnic Studies
- Temporary Lecturer in Critical Gender Studies  
University of California, San Diego, Department of Ethnic Studies
- Lecturer in Latin American and Iberian Studies Program  
University of California, Santa Barbara, College of Letters & Science
- Smithsonian Institution - National Museum of American History,  
Kenneth E. Behring Center - Museum Curator (History of Technology)  
[http://www.h-net.org/jobs/job\\_display.php?id=56743](http://www.h-net.org/jobs/job_display.php?id=56743)
- Smithsonian Institution - National Museum of American History,  
Kenneth E. Behring Center - Museum Curator (History of Computers and  
Information Sciences)  
[http://www.h-net.org/jobs/job\\_display.php?id=56744](http://www.h-net.org/jobs/job_display.php?id=56744)

#### **University of Vienna - Non-EU Teaching Mobility Program**

We would kindly ask you to inform your colleagues that the University of Vienna invites faculty members of your University in humanities, law, theology, social sciences, natural sciences, and life sciences for a short-term teaching visit at the University of Vienna. The deadline for applications in the current call is July 1, 2018. The next call will be open till February 1, 2019. We are confident that this opportunity for a teaching visit will further strengthen the partnership between our Universities.

The teaching assignment comprises an entire university course (30 in-class contact hours). The duration of stay shall be at least 3 weeks and – due to legal restrictions - must not exceed 90 days. Invited candidates will be provided with a working contract with the University of Vienna. In addition, travel expenses will be reimbursed up to a limit of 2,000 Euro.

Additional information, as well as the application form may be found on the webpage of the University of Vienna International Office (link: <http://international.univie.ac.at/incoming-staff/teachers/non-eu-teaching-mobility/>)

If you or your faculty member have further questions regarding this short-term teaching offer at the University of Vienna, please do not hesitate to contact the International Office of the University of Vienna: Mr. Maximilian Kudler ([maximilian.kudler@univie.ac.at](mailto:maximilian.kudler@univie.ac.at)) is gladly willing to provide help and to assist applicants.

University of Vienna International Office

Universitätsring 1, 1010 Vienna

T +43-1-4277-182 01

[[international.univie.ac.at](http://international.univie.ac.at)] <http://international.univie.ac.at>

**Postdoctoral Researcher in Ethics and Digital Technologies (2 positions)**  
**Oxford Internet Institute, 1 St Giles, Oxford**

The Oxford Internet Institute (OII) of the University of Oxford is seeking to appoint two Postdoctoral Researchers. These positions provide an exciting opportunity to contribute the research of the Digital Ethics Lab (DELab) of the OII. Grade 7: £31,076 – £38,833 p.a.

Applicants must have a PhD in a relevant discipline, such as philosophy (e.g., philosophy of technology, ethics, applied ethics, philosophy of law), law, security studies, STS, and other social science disciplines (e.g., economics, international relations), or a mathematical science (e.g., computer science, data science). Excellent writing, presentation abilities, and analytical skills are required.

The two postdoctoral researchers will be based at the DELab, at the Oxford Internet Institute, University of Oxford and collaborate with Professor Floridi and Dr Taddeo in order to (1) identify and analyse normative and regulatory aspects and design requirements underpinning the development and regulation of the use of digital technologies; (2) collaborate with the other members of the Digital Ethics Lab (DELab) at the Oxford Internet Institute, University of Oxford; (3) consolidate collaborations about original and innovative solutions to foster ethical design and regulations of digital technologies.

Based in the heart of Oxford, these are a fixed-term positions lasting 16 months each and will be available from 1 October 2018 (or as soon as possible thereafter). To apply for this role and for further details please click on the link below. Only applications received before 12.00 midday on **11 June 2018** will be considered. Interviews for those short-listed will take place the week commencing 2 July 2018.

Contact Person: Mrs Ornella Sciuto    Vacancy ID : 134902  
Contact Phone: 01865 287011    Closing Date : 11-Jun-2018  
Contact Email : [recruit@oii.ox.ac.uk](mailto:recruit@oii.ox.ac.uk)

Overview of the role

Digital technologies are challenging our values and ethical principles. They provide huge opportunities to improve private and public life. Consider for example their use in scientific research, healthcare or security and crime prevention. However, they also pose pressing ethical and regulatory problems, for example about privacy, autonomy, trust, transparency, accountability, liability, or responsibility. If these issues are overlooked, underestimated or left unresolved, they risk hindering the innovation and the progress that digital technologies can bring to society at large and future generations. We offer 2 postdoctoral positions to work on the ethical impact of digital technologies.

The researchers will be highly motivated, show outstanding record of independent and original research, and the desire to develop ambitious research projects. Areas of interests include but are not limited to: (a) bioethics, medical ethics, health, care and biomedicine; (b) data protection regulations (especially the General Data Protection Regulation); (c) legal frameworks concerning trade and anti-trust; (d) social economics (e.g., the gig economy); (e) environmental ethics and digital technologies (e.g. smart cities). The researchers will collaborate with Prof. Floridi and Dr Taddeo in order to (1) identify and analyse normative and regulatory aspects and design requirements underpinning the development and regulation of the use of digital technologies; (2)

collaborate with the other members of the Digital Ethics Lab (DELab) at the Oxford Internet Institute, University of Oxford; (3) consolidate collaborations to develop original and innovative solutions to foster ethical design and regulations of digital technologies.

#### Responsibilities/duties

- Review and analyse current relevant literature on the ethical challenges raised by digital technologies
- Develop and publish original analyses to solve either ethical and policy or design problems of digital technologies
- Prepare working theories and analyse qualitative and/or quantitative data from a variety of sources, reviewing, and refining theories as appropriate
- Organise focus groups and workshops with relevant policy-makers and industrial partners to discuss the ethical, policy, and regulatory problems posed by the design, development, and deployment of digital technologies
- Draft white papers providing guidelines to developers, policy-makers, and industrial partners addressing ethical issues raised by digital technologies
- Manage their own academic research and administrative activities. This involves small scale project management, co-ordinate multiple aspects of work to meet deadlines, interact with the other members of the DELab
- Adapt existing and develop new research methodologies and materials
- Contribute ideas for new research projects
- Collaborate in the preparation of research publications, and book chapters
- Present papers at conferences or public meetings
- Act as a source of information and advice to other members of DELab on methodologies or procedures
- Represent the DELab at external meetings/seminars, either with other members of the cluster or alone
- Participate actively in the DELab's and OII's programme of seminars and events, including those aimed at non-academic audiences
- Contribute to OII teaching, as required
- Such other comparable duties as may be required by the Head of Department

#### Selection criteria

- Hold a PhD, or be near completion, in a relevant discipline, such as philosophy (e.g., philosophy of technology, ethics, applied ethics), law, security studies, STS, and other social science disciplines (e.g., economics, international relations), or a mathematical science (e.g., computer science, data science, artificial intelligence) Strong interest in ethics or law or governance or policy making of digital technologies
- Proven experience of interdisciplinary research
- Proven experience in ethical and policy analysis or risk assessment
- Proven organisational skills
- The technical ability to develop conceptual analyses, develop guideline for policy makers
- The communication skills required to interact with scholars, policy-makers, and industrial partners
- Evidence writing papers based on qualitative and/or quantitative research.

Desirable

- Ability to manage a multidisciplinary project
- Ability to plan and organise workshops and focus groups
- Ability to apply for research funds

Working at the University of Oxford

In line with the University's Code of Practice for the Career Development of Research Staff, this position provides opportunities for personal and professional development. The position provides allowances to that end:

- a small part of your official work time each week can be set aside for you to use at your discretion on career development activities, such as writing papers unrelated to the project;
- qualified candidates will have opportunities to supervise graduate students and gain experience in graduate teaching in the department's extremely popular MSc and doctoral courses;
- the lively seminar and event programme of the department and Oxford's wider academic community provides plenty of opportunities for learning and networking.

For further information about working at Oxford, please see

[www.ox.ac.uk/about\\_the\\_university/jobs/research/](http://www.ox.ac.uk/about_the_university/jobs/research/)

#### How to apply

If you consider that you meet the selection criteria, click on the Apply Now button on the 'Job Details' page and follow the on-screen instructions to register as a user. You will then be required to complete a number of screens with your application details, relating to your skills and experience. When prompted, please provide details of two referees and indicate whether we can contact them at this stage. You will also be required to upload a CV and supporting statement which explains how you meet the selection criteria for the post. The supporting statement should explain your relevant experience which may have been gained in employment, education, or you may have taken time away from these activities in order to raise a family, care for a dependant, or travel for example. Your application will be judged solely on the basis of how you demonstrate that that you meet the selection criteria outlined above and we are happy to consider evidence of transferable skills or experience which you may have gained outside the context of paid employment or education. Please save all uploaded documents to show your name and the document type. All applications must be received by midday on the closing date stated in the online advertisement. Should you experience any difficulties using the online application system, please email [recruitment.support@admin.ox.ac.uk](mailto:recruitment.support@admin.ox.ac.uk) To return to the online application at any stage, please click on the following link [www.recruit.ox.ac.uk](http://www.recruit.ox.ac.uk). Please note that you will be notified of the progress of your application by automatic e-mails from our e-recruitment system. Please check your spam/junk mail regularly to ensure that you receive all e-mails.

#### **Fundación Juanelo Turriano's PhD. grants 2018-2019**

The Fundación Juanelo Turriano offers two 14,400 euro grants for PhD. theses. To qualify, they must deal with the history of science or technology proposals for research on architecture or hydraulic, civil or mechanical engineering will receive particular consideration. The deadline for

submitting applications is **17 September 2018**.

**See requirements and award criteria (in Spanish)**

**Registration form (in Spanish)**

## **VII. 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.**

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

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

Tick the years of membership to be paid:  2014  2015  2016  2017  2018

I submit the total amount: \_\_\_\_\_ €/ \$

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

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

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

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

Tick the method of your payment:

- Through the PayPal option on ICOHTEC website
- Through international money transfer: Make international money transfer to:

“ICOHTEC“ at Commerzbank Bochum (Husemannplatz 3-4, D-44787 Bochum, Germany):  
IBAN: DE44 4304 0036 0390 2590 00; BIC: COBADEFFXXX

- Through a cheque. Send the check with the appropriate sum made out to “ICOHTEC” and send to: Turku School of Economics, Rehtorinpellonkatu 3, Room 313, 20 014 Turku University, FINLAND

**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.**