

# ICOHTEC

# NEWSLETTER



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

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### Editorial

Dear Colleagues and Friends,

Thank you for your mails concerning books published in 2009 and 2010. The result is a bibliography of six pages containing many interesting subjects, which gives an insight in the academic work of our members.

Best wishes and hope to see you soon  
Yours Stefan Poser

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## I. ICOHTEC's Bibliography 2009 – 2010

Books published and edited by ICOHTEC members since summer 2009.

**Adelmann, Ralf / Frercks, Jan / Hennig, Jochen / Heßler, Martina:** Datenbilder. Zur digitalen Bildpraxis in den Naturwissenschaften, transcript, Bielefeld 2009.

The authors analyse different meanings, impacts and connotations of digital images used for research and as illustration in science. The flippancy and the nature of the process of reading those images are discussed.

**Belot, Robert / Karpman, Gilbert:** L'affaire suisse. La Résistance a t'elle trahi de Gaulle? 1943-1944. A. Colin, Paris 2009.

The « Swiss Affair » is one of the worst crises of the Resistance. In 1943, the French Resistance decided to establish an "embassy" in Geneva, on neutral territory in order to access to secret American sources of financing or equipment. But at a time, relationships between de Gaulle are tinged with suspicion. This initiative raises violent debates with Jean Moulin. Today, the episode still raises controversy. Thanks to exceptional archives, it is finally possible to bring these fratricide fights to light and discover the daily realities of combat resistant.

**Belot, Robert / Lamard, Pierre:** Alstom à Belfort – 130 ans d'aventure industrielle / sous la direction de Robert Belot et Pierre Lamard, avec la collaboration de Laurent Heyberger, Marina Gasnier, Francis Péroz et al. [publié par le Laboratoire RECITS]. Boulogne-Billancourt: ETAI, 2009.

Only a few companies have so much marked a city, a territory, a social imagination and have such a long tradition (1879-2009) as Alstom. The company was found in Belfort 130 years ago, at first named as Alsatian Company of Mechanical Engineering's then Als-Thom. Generations of workers, technicians, engineers and managers have participated in this industrial, technological, social and human adventure. It was time to write their history and that of the presence in the Lion's City of this group in the world dimensions.

**Braun, Hans-Joachim (ed.):** Die zweite Industrielle Revolution: Schiffbau seit dem Ende des 19. Jahrhunderts. = Technikgeschichte als Vorbild moderner Technik. Schriftenreihe der Georg-Agricola-Gesellschaft, vol. 33. Georg-Agricola-Gesellschaft, Freiberg 2008 (published in 2009).

The collection of essays is dedicated to the history of shipbuilding since the end of the 19<sup>th</sup> century. The main emphasis is on the development in Germany. In these times many innovations in the construction and production technology as well as in the propulsion technology made shipyards and ships more effective; they can be named the second industrial revolution in shipbuilding.

**Callapez, Maria Elvira:** História do PVC em Portugal: CIRES – Um Caso de Sucesso. Escolar Editora, Lisboa 2010.

The History of PVC in Portugal: CIRES – A story of success. The analyses the introduction of

the Polyvinyl Chloride (PVC) Industry in Portugal at the beginning of the 1960s by means of international technology transfer.

**Camara Munoz, Alicia / Moreira, Rafael / Vigiano, Marino:** Leonardo Turriano, Ingeniero del Rey. Fundación Juanelo Turriano, Madrid 2010.

Leonardo Turriano, born in Cremona, Italy, served as an engineer to the kings Philip II and Philip III of Spain. The book includes the transcription of a previously unpublished manuscript on the fortifications of Oran and Mazarquivir, and a biographical account of the various activities of a prototypical Renaissance engineer.

**Cassinello, Pepa et. al.:** Félix Candela. Centenario, 2010. La conquista de la esbeltez. Centenary. The achievement of slenderness. Fundación Juanelo Turriano y Universidad Politécnica de Madrid, Madrid 2010.

This work, with contributions of 25 authors from seven countries, is the companion book of the exhibition held in Madrid as commemoration of the centenary of the architect Félix Candela, world famous for his concrete shells.

**Christensen, Jens:** Global Experience Industries. Aarhus University Press, Aarhus 2009. And:

**Christensen, Jens:** Oplevelsesindustrien. Oplevelsesøkonomien som forretning i Danmark. Books on Demand, København 2009. (in Danish the translated title is: The Experience Industries. The Experience Economy as Business in Denmark).

Christensen argues that industries producing "staged" and "memorable" experiences are rapidly increasing their share in the overall world GDP. Globalization, technology, and individualization are described as the three "megatrends" driving this development. In this book, Christensen analyzes eight industries that fit his definition of "experience industries": tourism, sports, publishing, audiovisuals, games, design, family and religion, and sex.

**Christensen, Jens:** Serious Games. Et nyt forretningsområde. Books on Demand, København 2010 København. (in Danish - the translated title is: Serious Games. A New Industry).

In "Serious Games" Christensen analyses the development of a new kind of computer games created to support institutions, as the game 'American Army', which was designed for the army as game and as program to train their soldiers.

**Cordoba de la Llave, Ricardo:** Ciencia y técnica monetarias en la España bajomedieval. Fundación Juanelo Turriano, Madrid 2009.

Winner of the García-Diego Prize of History of Technology, this book describes minting processes in the Late Middle Age, emphasizing several aspects that can be seen as forerunners of modern industrial organization.

**Farrenkopf, Michael, et al. (eds.):** Glück auf! Ruhrgebiet. Der Steinkohlenbergbau nach 1945. Katalog der Ausstellung des Deutschen Bergbaumuseums Bochum. Deutsches Bergbau Museum, Bochum 2009.

The contributors of the book analyse the history of coal mining in the Ruhr Region from the Post war period until today. The boom time is reflected as well as the period of downscaling of coal mining, which will be stopped in the Ruhr region at least in 2018. A detailed chapter is dedicated to technologies of mining. Among the contributors are ICOHTEC members as Reinhold Bauer, Michael Farrenkopf and Wolfhard Weber.

**Gilson, Norbert / Kaiser, Walter:** Elektrizität – Energie – Information. Die Geschichte der Fakultät für Elektrotechnik und Informationstechnik an der RWTH Aachen = Aachener Beiträge zur Wissenschafts- und Technikgeschichte des 20. Jahrhunderts 6, GNT-Verlag, Diepholz, Stuttgart, Berlin 2010.

The book is dedicated to the history of research and teaching at the faculty of electrical engineering and information technology of the RWTH Aachen, one of the most famous technical universities in Germany.

**Gorokhov, Vitaly G.:** Genesis der technischen Handlung als Gegenstand der soziologischen Analyse (in Russian language). Special edition: „Geschichte und Philosophie der Wissenschaft“. Anlage zur wissenschaftlichen Zeitschrift „Filosofskije Nauki“ (Philosophische Wissenschaften). = Bibliothek der jungen Wissenschaftler. Gumanitarij, Moskwa 2009.

The author analyses how to deal with technology from a philosophical, sociological and historical point of view. He discusses the social background as well as the development of engineering and the institutional backbone of technological developments.

**Gorokhov, Vitaly G.:** Technik und Kultur: Entstehung der Technikphilosophie und Theorie des technischen Schaffens in Deutschland und in Russland am Ende XIX. und Anfang XX. Jahrhunderte (Vergleichsanalyse) Moskau: Verlag „LOGOS“, 2009 / Technology and Culture: the Origin of the Philosophy of Technology and the Theory of Technological Creativity in Germany and in Russia at the End of the 19<sup>th</sup> and Beginning of the 20<sup>th</sup> Century (Comparative Analysis). Publishing House „LOGOS“, Moscow 2009.

The book, published in German and Russian language, is dedicated to the development of philosophy of technology in Germany and Russia at the turn to the 20<sup>th</sup> century. He embedded the rise of the new subject in humanities in the history of technology and engineering in both countries.

**Heßler, Martina / Mersch, Dieter (ed.):** Logik des Bildlichen. Zur Kritik der ikonischen Vernunft, transcript, Bielefeld 2009.

The authors analyse different meanings, impacts and connotations of images used for research and as illustration in science and humanities.

**History of Technology – Special Issues: Chinese Technological History: The Great Divergence**, by Jerry Liu and Kent Deng. And: **The Mindful Hand**, by Lissa Roberts and Ian Inkster. In: Ian Inkster (ed.): *History of Technology*, vol. 29 (2009).

The first collection of the yearbook addresses problems relating to technological

development in Imperial China. The second part of the book is dedicated to the development of knowledge and technique in early modern Europe.

**Januszewski, Stanislaw (ed.):** Technika w dziejach cywilizacji – z mysla o przyszlosci [Technology in history – thinking of the future], Vol. 5. Proceedings of the Workshop on the Industrial Archeology held at Dzierzoniow, Poland, May 2009. Fundacja Otwartego Muzeum Techniki, Wroclaw 2009.

Fifth volume of proceedings comprising papers presented during the International Student's Workshop on Industrial Archeology, an annual event being held at open space museum of technology in Dzierzoniow, near Wroclaw.

**Januszewski, Stanislaw (ed.):** Technika w dziejach cywilizacji – z mysla o przyszlosci [Technology in history – thinking of the future], Vol. 6. Proceedings of the Workshop on the Industrial Archeology held at Dzierzoniow, Poland, May 2010. Fundacja Otwartego Muzeum Techniki, Wroclaw 2010.

The sixth volume of the workshop on Industrial Archeology. Although the workshop is addressed particularly to students, some of the papers were contributed scholars of established position. The workshop is taking place each May.

**Jones, Stephen K.:** Links with Leviathans. From steamships to docks. = Brunel in South Wales, vol. 3. The History Press, Brimscombe Port 2009.

The author wrote two books on Brunel in South Wales: *In Trevithick's Tracks and Communications and Coal*. The new third volume focuses on Brunel's contribution to the maritime world, from his work on docks and shipping facilities to his steamships, including his 'great leviathan'.

**Kaiserfeld, Thomas:** Krigets salt: Salptersjudning som politik och vetenskap i den svenska skattemilitära staten under frihetstid och gustaviansk tid, Stockholm Papers in the History and Philosophy of Technology, TRITA-HOT 2061. Sekel förlag, Lund 2009, with an English abstract titled: "Salt of War: Saltpetre production as policy and science in 18th- and early 19th-century Sweden".

The author analyses scientific approaches and institutional changes in the production of saltpetre which was necessary for the gunpowder production and became important for agriculture later.

**König, Wolfgang (ed.):** Technikgeschichte. = Basistexte Geschichte, vol. 5. Frank Steiner Verlag, Stuttgart 2010.

The reader contents important articles which document the development of the history of technology in the 20th century, among others from Conrad Matschoss, Reinhard Rürup, John M. Staudenmaier, Wiebe E. Bijker, Thomas P. Hughes, and Joachim Radkan.

**König, Wolfgang:** Technikgeschichte. Eine Einführung in ihre Konzepte und Forschungsergebnisse. = Grundzüge der modernen Wirtschaftsgeschichte 7. Franz Steiner Verlag, Stuttgart 2009

In the first part of this book, Wolfgang König discusses the most important concepts of the history of technology like innovation, technological style, social construction, systems, networks, and so on. The second part summarizes the research results on the technological development from the Industrial Revolution until today.

**Krebs, Stefan:** Technikwissenschaft als soziale Praxis. Über Macht und Autonomie der Aachener Eisenhüttenkunde 1870 – 1914. = Vierteljahrschrift für Sozial- und Wirtschaftsgeschichte, Beiheft 204. Steiner-Verlag, Stuttgart 2009.

The author analysed the development of scientific approaches to technology at the end of the long 19<sup>th</sup> century; the focus is on mutual influences of scientific, social and political developments. Krebs book is based on a case study on the development of research and teaching of ferrous metallurgy at Aachen Technical University. At the turn to the 20<sup>th</sup> century the university hosted the most important institute on iron metallurgy.

**Levin, Miriam R. / Forgan, Sophie / Hessler, Martina / Kargon, Robert H. / Low, Morris:** Urban Modernity. Cultural Innovation in the Second Industrial Revolution. MIT Press, Cambridge, MA 2010.

At the close of the nineteenth century, industrialization and urbanization marked the end of the traditional understanding of society as rooted in agriculture. Urban Modernity examines the construction of an urban-centered, industrial-based culture—an entirely new social reality based on science and technology. The authors examine the dynamic that connected urban planning, museums, educational institutions, and expositions in Paris, London, Chicago, Berlin, and Tokyo from 1870 to 1930.

**Levin, Miriam R.:** When the Eiffel Tower Was New: French Visions of Progress at the Centennial of the Revolution. 1989, reprinted in 2009, available through <http://www.levelerspress.com/>

The Eiffel Tower was originally designed as the gateway to the Exposition Universelle of 1889. Organized to mark the centenary of the French Revolution, the fair highlighted the enormous technological innovations and societal changes that had occurred over the previous hundred years. When the Eiffel Tower Was New investigates the meaning of those changes and their impact on the subsequent history of France.

**Литвинко А.С.** Микола Миколайович Боголюбов та статистична фізика в Україні. — Київ: Академперіодика, 2009.

**Lytvynko, Alla S.:** Nikolai Bogolyubov and Statistical Physics in Ukraine. Akademperiodika, Kiev 2009 (in Ukrainian language).

In the book the impact of Ukrainian physicist and mathematician Nikolai Bogolyubov on the development of statistical physics, nonlinear oscillations, quantum field theory and the theory of elementary particles was shown. On the basis of numerous interviews taken by the author in Bogolyubov's colleagues and followers his creative portrait and process of generating the Bogolyubov's Scientific School were reconstructed.

**Naumann, Friedrich:** *Dejiny-informatiky-od-abaku-k-internetu*. Edition Galileo, Praha 2009. Friedrich Naumanns book (published in German, too) is dedicated to the history of calculating machines and information technology. He analysed the development of mechanical devices and machines for calculating from the 18th century as well as the development of computing.

**Navarro Vera, José Ramón:** *Pensar la ingeniería. Antología de textos de José Antonio Fernández Ordóñez*. Fundación Juanelo Turriano y Colegio de Ingenieros de Caminos, Canales y Puertos, Madrid 2009.

José A. Fernández Ordóñez (1933-2000), was both a brilliant designer of bridges and a theoretician on the role of engineering in contemporary society. Professor of History of Engineering in Madrid Polytechnic, this book is a critical compilation of all his writings.

**Orlowski, Boleslaw:** *Polska przygoda z technika. Wielkie i male sukcesy polskich inzynierow, wynalazcow i menedzerow* [Polish adventure with technology. Great and small achievements of Polish engineers, inventors and managers]. Warszawa Wydawnictwa Naukowe Instytutu Lotnictwa, Warszawa 2009.

A very comprehensive account on the Polish share in the field of technology and inventiveness. Orlowski compiled there some of his most important findings on the topic. The book is an attempt to popularize some forgotten examples of Polish contribution to the world's science and technology.

**Orlowski, Boleslaw:** *Powszechna historia techniki* [Universal history of technology]. Oficyna Wydawnicza „Mowia Wieki”, Warszawa 2010.

This book seems to be very important in the career of its author. It summarizes his thoughts on the general history of technology. He endeavoured depicting it as seen from the most universal perspective, which is far achievable for a scholar representing a peripheral nation, remaining out of the main stream of development of technology for the most of the time.

**Skorupa, Holger:** *Das International Committee for the History of Technology (ICOHTEC) - Wissenschaftliche Entwicklung und Politik 1968 bis 1989*. (The International Committee for the History of Technology (ICOHTEC) - Scientific Development and Politics between 1968 and 1989), MA-Thesis in German language, Helmut-Schmidt University, Hamburg 2010 (available at HSU Hamburg and at the University Archive of the Ruhr University, Bochum) In the summer of 1968 the *International Congress on the History of Science, Technology and Medicine* took place in Paris. This congress was also the origin of the *International Cooperation in History of Technology Committee (ICOHTEC)*. What were the intentions of the founders of *ICOHTEC*? How was it possible to become a bridge-building organisation in the difficult political environment of the Cold War as well as to integrate scholars from both sides of the *Iron Curtain*? Could the young society reach its aims?

## **II. Conference Announcements**

### **1. Conferences in Summer and the Beginning of Autumn 2010**

**5 – 8 July 2010**

**Owning and Disowning Invention: Intellectual Property, Authority and Identity in British Science and Technology, 1880-1920**

University of Leeds, Great Britain

Please visit <http://owninganddisowninginvention.org/>

**9 – 13 August 2010**

**Old-growth and Primeval Forests: Ecology, Conservation and Management**

Sundsvall, Schweden

Please visit <http://www.prifor2010.org/>

**25 – 29 August 2010**

**35th 4S Annual Meeting**, held jointly with the **Japanese Society for Science and Technology Studies**

Please visit <http://www.4sonline.org/meeting>

**27 – 29 August 2010**

**Gas in der Geschichte / Production and Consumption of Gas in the 20th Century**

Jahrestagung der Georg-Agricola-Gesellschaft / Annual meeting of the Georg-Agricola-Society

Essen, Germany

Please visit <http://www.georg-agricola-gesellschaft.de>.

Please contact Norman Pohl, TU Bergakademie Freiberg, [Norman.Pohl@iwtg.tu-freiberg.de](mailto:Norman.Pohl@iwtg.tu-freiberg.de)

**16 - 19 September 2010**

**Contemporary Medical Science and Technology as a Challenge for Museums**

Copenhagen

Please visit <http://www.corporeality.net/museion/2009/12/09/contemporary-medical-science-and-technology-as-a-challenge-for-museums-copenhagen-16-19-september-2010/>

**22 – 24 September 2010**

**Annual Meeting of the Driburger Kreis for the History of Science**

Maastricht, The Netherlands

Please visit <http://www.gtg.tu-berlin.de/mambo/content/view/482/267/>

**24. bis 26. September 2010**

**Ernährung, Essen und Trinken aus medizin-, wissenschafts- und technikhistorischer Perspektive / History of Nutrition, Eating and Drinking.** 93. Jahrestagung der Deutschen Gesellschaft für Geschichte der Medizin, Naturwissenschaften und Technik, DGGMNT und

zur 19. Jahrestagung der Gesellschaft für Technikgeschichte GTG / Annual meeting of the German Society for the History of Medicine, Science, and Technology, DGGMNT, and the German Society for the History of Technology, GTG  
Maastricht, The Netherlands

Please visit [http://www.gtg.tu-berlin.de/mambo/mambots/editors/tinymce/index.php?option=com\\_content&task=view&id=900&Itemid=267](http://www.gtg.tu-berlin.de/mambo/mambots/editors/tinymce/index.php?option=com_content&task=view&id=900&Itemid=267)

### **28 September – 1 October 2010**

**Über Grenzen /About Limitations.** 48. Deutsche Historikertag, Berlin,  
Session: Die Technisierung der Ernährung und die Grenzen des „Natürlichen“. Beiträge zur Technikgeschichte der Ernährung vom ausgehenden 19. bis ins 21. Jahrhundert /  
Industrialisation of Nutrition in the 19th and 20th Centuries

Please visit <http://www.historikertag.de/Berlin2010/index.php/wissenschaftliches-programm/sektionsuebersicht/categoryevents/115-Dr.%20Helga%20Satzinger>

### **30 September – 3 October 2010**

**Annual Meeting of the Society for the History of Technology, SHOT**  
Tacoma, Washington

Please visit [http://www.historyoftechnology.org/annual\\_meeting.html](http://www.historyoftechnology.org/annual_meeting.html)

## **2. Call for Papers**

### **22 October 2010**

#### **The 5<sup>th</sup> Annual Great Plains Radio History Symposium**

New York

CFP – Deadline **18 August 2010**

The 5th Annual Great Plains Radio History Symposium will be Friday, Oct. 22, 2010. This year's symposium will present a special plenary session on an important feature in the development of rural Midwestern radio: the radio homemaker. It will also feature a tribute to Richard "Dick" Ward Fatherley, former Storz Broadcasting program executive and co-founder of the Great Plains Radio History Symposium, who died on March 8, 2010 at the age of 69.

As in past years, we're looking forward to presentations from a mix of academic scholars and broadcast professionals, sharing their research into the history of radio in the Great Plains region. This year, the submission deadline of proposed presentations/papers will be Wednesday, Aug. 18.

Please address presentation proposals, questions and comments to:

Dr. Steve Smethers, Associate Director, [smethers@ksu.edu](mailto:smethers@ksu.edu), or Kristin Copeland, Admin. Asst., [kmc6644@ksu.edu](mailto:kmc6644@ksu.edu); A.Q. Miller School of Journalism and Mass Communications, 105 Kedzie Hall, Manhattan,

**20 – 22 January 2011**

**Deified, Dammed and Depleted: Energy as Symbol, Resource and Consumer Good**

Kerschensteiner Kolleg, Deutsches Museum, München

CFP – Deadline **23 July 2010**

The history of Western industrial and affluent societies is based on the use of different kinds of energies: the energy of humans' and animals' bodies, but especially chemical, mechanic or kinetic energy. Physical and intellectual concepts of energy became a formative topic of modernizing and industrializing societies at the turn of the 20<sup>th</sup> century. Tying into the ubiquitous belief in progress, the 'energetic imperative' called for the exploitation of natural resources. Trusting in inexhaustible reserves, energy intensive living and working environments evolved. Only the oil price crises of the 1970s, manifesting our dependency on finite fossil energy sources, and the ecological consequences of rampant energy consumption put the private household into the center of public attention.

Studies of private energy consumption from the perspective of the humanities are still rare and reveal research deficits. However, energy not only powers machines, but cultural world views as well. Energy technologies are, in the words of Wolfgang Sachs, material expressions of cultural systems. They create wishes and particular attitudes to life and embody desires and implicitness of particular times and places. These cultural images, interpretations and values as well as their implementations in social and cultural practices and material objects stand in the center of this conference. In addition to the diverse discourses about energy, we will equally stress concrete consumption practices and their retrospective dependence to these energy discourses. The focus is always on the consumptive perspective without losing sight of the manifold interdependencies between the production, mediation and consumption of energy.

The transdisciplinary conference invites contributors to approach the topic from three different angles: 1) energy as symbol, 2) energy as resource and 3) energy as consumer good. Papers incorporating material culture aside from visual and written sources as well as internationally comparative projects are particularly welcome. There is no limitation concerning the kind of energy sources to be discussed as long as they are examined from the consumptive perspective. The following (though not exhaustive list) contains some of the topics in which we are particularly interested within the context of this conference:

**Energy as Cultural Symbol**

- (Historical) discourses on energy (i.e. from promise of progress to danger to the economic growth, from democratizing force to symbol of global resource inequality, from 'clean energy' to 'climate killer', from infinity to scarcity...)
- Danger for body, soul and environment – Energetic discourses on danger and their counter discourses
- Cultural theories of energy (Ostwald, Lenin...)
- Translations and transformations of energy discourses in art, advertising, film, medicine...
- Role of (bodily/physical) energy within the debate on modernity

### **Energy as Resource**

- (Non-)Synchronism of energy regimes: transformations, competitions, intersections, interrelations of different energy sources
- Development of systemic energy infrastructures and their effects on energy consumption
- Awareness of energy as (finite) resource
- Topoi of wasting of energy, energy conservation and efficiency
- Energy and nature – Energy from nature
- Governmental energy resources management in diachronic and synchronic comparison
- Shifts and substitution of bodily energy through other energy forms

### **Energy as Consumer Good**

- Continuities and discontinuities of consumption patterns in the private household
- (Un)Expected energy consumption patterns and appropriation modes of energy consuming appliances
- Energy consumption and gender roles
- Influence of energy consumption on lifestyles and attitudes
- Influence of energy consumption on body and sense perceptions
- Mediation authorities and practices of energy-intensive and energy-sensible lifestyles and usage patterns through advertising, marketing, exhibitions, shop-windows, films...
- (Im)Materiality of energy
- Strategies and motives of saving energy
- Governmental and economic control of consumption

Please send your proposals of max. 500 words including 4-5 key words and accompanied by a short CV to Dr. Nina Möllers, [n.moellers@deutsches-museum.de](mailto:n.moellers@deutsches-museum.de), by July 23, 2010.

Alternative forms of presentation are highly welcome. Contributors are expected to send in an enlarged abstract of 4 to 5 pages for pre-circulation among participants by January 3, 2011.

Conference language is English. Travel expenses (ICE train 2nd class or, if applicable, economy class airfare) and accommodation at the Kerschensteiner Kolleg will be covered by the organizer. A subsequent publication of the conference talks is intended. The conference program will be complemented by a panel discussion with international participants from the fields of science, economy and politics under the title “Power and Powerlessness of Consumers”.

The conference is organized by the joint project “Objects of Energy Consumption” of the Deutsches Museum and the Central Institute for the History of Technology at TU Munich and is funded by the Federal Ministry of Education and Research. Based on the examination of household appliances, it analyzes the complicated sets of relationships and interdependencies which led to the rise of private households as primary consumer of energy. Building on the recent shift in the history and sociology of technology from the production to the consumption aspects of technologies and applying it to the debated field of energy, the project makes use of theories and methods in technology studies as well as museum and material culture studies.

Please visit the homepage of the BMBF-Joint Project “Objects of Energy Consumption”  
<http://www.energiekonsum.mwn.de>

Please contact Nina Möllers, [n.moellers@deutsches-museum.de](mailto:n.moellers@deutsches-museum.de),

### **9 April 2011**

**Disaster!** A conference on catastrophes in history  
Hagley Museum and Library, Wilmington, Delaware  
CFP – Deadline **31 December 2010**

The University of Delaware-Hagley Fellows invites scholars to join us in a conversation about how disasters have shaped societies, cultures and environments since 1700. What makes a disaster a disaster? Who decides? How have they been interpreted? What are the consequences of disasters? What can historians gain by studying disasters? We particularly encourage proposals for papers that explore how disasters can inform the histories of business, technology, consumption, the environment, work, and everyday life. We welcome proposals by both graduate students and established scholars. Financial assistance for travel will be provided to all conference presenters.

For more information please visit: [www.udel.edu/hagley](http://www.udel.edu/hagley).

Please contact the Hagley Fellows at [hagley.fellows@gmail.com](mailto:hagley.fellows@gmail.com).

### **18 – 19 February 2011**

**Going Global: Internationalization Pathways for Family Firms during the 19th and 20th Centuries**

Washington DC

CFP – **ATTENTION Deadline 1 July 2010**

Conveners: Christina Lubinski, Harvard Business School/German Historical Institute

Washington DC

Paloma Fernández Pérez, Universitat de Barcelona

Jeff Fear, University of Redlands

Over the last decades, family businesses have started to gain more and more scholarly attention. Instead of conceptualizing the family firm as an historical relic or in opposition to the “modern managerial enterprise” (Chandler), research today investigates the dynamics and challenges that family businesses face during their entire life cycle. Scholars and practitioners are therefore interested in the competitive advantages and disadvantages of family businesses in different national and historical settings. The conference will contribute to this emerging field of research by focusing on family businesses as international actors. Since the 19th century, family businesses have addressed global challenges and have competed in international markets. Therefore, adjustments to their corporate governance have been necessary. Family businesses opened up to external knowledge and capital, often while exploring new strategies to maintain the family’s influence. Whereas some family firms have succeeded — for example, as “hidden champions” or successful niche producers — others have experienced severe setbacks or have failed. This conference will gather international scholars in order to discuss different strategies and pathways for internationalization that family businesses pursued during the 19th and 20th centuries. While contributors are welcome to suggest additional topics related to the overall theme, the

conference will address the following questions:

1.) What competitive advantages and disadvantages did family businesses have in their international ventures? To what extent was the focus on longevity and the long-term family influence an obstacle or an advantage to the internationalization processes? Which role did family, gender, and generation relations play in the process of internationalization

2.) How did different family businesses go global? Which structures and strategies did those businesses that internationalized successfully employ, and which concepts proved to be less effective? What differences existed between family businesses on different continents in their international activities (e.g., import/export, agencies and production facilities abroad, licensing, joint ventures) and in the choice of target countries?

3.) Internationalization depends to a significant extent on the availability of venture capital. Family businesses, which strive to remain independent, have limited access to external capital. How, then, did family businesses react to the capital needs of internationalization? What relations did they have to banks, creditors, and the equity market in different national economies; and how did these relations change over time?

4.) Finally, we believe that globalization builds on local conditions. What framework for internationalization did family businesses rely on in different countries? What role did local learning processes and regional and national communities play for internationalization processes?

Paper proposals (two pages maximum) are welcome for all sessions from both young and established scholars from different countries and disciplines, including business history, economic history, economics, sociology, and psychology. Each session is devoted to international comparative studies that will identify and evaluate internationalization pathways in different family businesses and countries. Proposals should include an abstract of the paper and a curriculum vitae in English. The proposals should be submitted via e-mail (preferably in pdf format) by July 1st, 2010.

Please contact Baerbel Thomas, [b.thomas@ghi-dc.org](mailto:b.thomas@ghi-dc.org), [Lubinski@ghi-dc.org](mailto:Lubinski@ghi-dc.org) or [palomafernandez@ub.edu](mailto:palomafernandez@ub.edu).

## **11 – 14 August 2011**

### **Flows of Food, Folk, and Thought: Environmental Histories of the Nordic Countries**

Call for papers for a half-day session at the 27th Congress of Nordic Historians in Tromsø, Norway

CFP – Deadline **1 September 2010**

Situated at the Northern edge of the world, the environment has posed unique challenges to the Nordic countries throughout history. The session takes environmental historian William Cronon's *hinterland* concept as its starting point. He used the concept to demonstrate how a metropolis like Chicago included ever larger areas in its influence, gathering resources and exerting change on the environment of these areas. The Nordic countries do not possess the same gravity, yet they are also intimately connected to areas and environments across the

globe. Rather than a model with the Nordic countries either in the center or in the hinterland, we understand these countries to be nodes in an ever-changing network.

We are interested in how the movement of food, people, and ideas into, out of, and within the Nordic countries has affected the local and global environment. Potential subtopics within this session include:

- The transfer of environmental knowledge (both specific “how-to” knowledge and ideological belief systems) over space and time
- The effect of material flows on cultural and/or biological diversity
- The effect of food networks on the environments of the Nordic countries and throughout the commodity chain
- The environmental consequences of the movement of people into, out of, and within Nordic countries

If you are interested in participating in this session, please send an abstract of 250-300 words outlining your topic, argument, and sources, before September 1, 2010. We aim to publish all or parts of the session as a collected volume after the conference. All abstracts should be submitted to [tromso2011@nehn-nordic.org](mailto:tromso2011@nehn-nordic.org).

Each paper will be allocated 20 minutes for presentation and 10 minutes for discussion; those papers that are selected for publication will need to be submitted to the organizers as full-length articles after the conference.

Organizers:

Eva Jakobsson, University of Stavanger, [eva.jakobsson@uis.no](mailto:eva.jakobsson@uis.no) (contact person)

Laura Hollsten, Åbo University Academy, Finland.

Dolly Jørgensen, Norwegian University of Science and Technology, Norway.

Finn Arne Jørgensen, Umeå University, Sweden.

Unnur Birna Karlsdóttir, University of Iceland.

Bo Poulsen, Roskilde University Center, Denmark.

The session is sponsored by the Nordforsk-funded Nordic Environmental History Network (NEHN), a network of more than 60 scholars from all the Nordic countries. See the network's webpage at <http://norden.miljohistorie.net/> for more information.

Please contact the organizers by [tromso2011@nehn-nordic.org](mailto:tromso2011@nehn-nordic.org).

**6 – 7 October 2011**

**34. Wissenschaftliches Symposium der Gesellschaft für Unternehmensgeschichte e.V., GUG / Symposium of the German Society for the History of Companies, GUG**  
CFP - Deadline **10 January 2011**

Please visit <http://www.unternehmensgeschichte.de/>

Please contact Andrea H. Schneider, [gug@unternehmensgeschichte.de](mailto:gug@unternehmensgeschichte.de)

For questions concerning the issues of the symposium please contact Hartmut Berghoff

(Washington DC/Göttingen), [proberghoff@ghi-dc.org](mailto:proberghoff@ghi-dc.org) or Andreas Fahrmeir (Frankfurt/M.), [fahrmeir@em.uni-frankfurt.de](mailto:fahrmeir@em.uni-frankfurt.de)

### **III. Summer Schools**

**6 - 10 September 2010**

**International Summer School for Archivists: Archivists as Communicators**

**London**

**ATTENTION:** Deadline for Application **30 June 2010**

The European Association for Banking and Financial History e.V. is delighted to announce the 2010 International Summer School.

Through a series of lectures and workshops leading professionals in both the archive and communications fields provide an insight into this exciting topic. The course answers the most prominent question of how to communicate successfully with our internal and external customers, through our finding aids, and through the variety of different media available to us today.

The summer school will suit not only recently qualified archivists and those new to business archives, but those more experienced archivists who wish to enhance and develop their communications skills. As well as the more formal lectures and workshops, participants will also have the opportunity to network with fellow professionals from across Europe through a series of social events.

The programme is being devised by the EABH, the Business Archives Council and the School of Library and Information Studies, University of London.

#### **Programme**

The course answers the most prominent question of how to communicate successfully with our internal and external customers, through our finding aids, and through the variety of different media available to us today.

Registration extended to 30 June 2010.

Please visit <http://www.eabh.info/start1.html>

### **IV. Miscellaneous**

In the winter term 2010/2011 the Ludwig Maximilian University (LMU) in Munich will launch its new PhD program "Environment and Society". The program will be managed by the Rachel Carson Centre for Environment and Society, an international research centre found by the LMU and the Deutsches Museum in Munich.

The PhD program will draw on the concentration of expertise in environmental research in Munich, both within the university and at a range of other institutions. A total of seven academic faculties – humanities, social sciences and natural sciences with an environmental focus – will participate in this systematically structured and research-based PhD program.

Further information on the program structure, application process and participating faculties can be found at [www.proenviron.carsoncenter.uni-muenchen.de](http://www.proenviron.carsoncenter.uni-muenchen.de)

Stephen K. Jones arranged an exhibition: "'Web of Iron' - Nature, Art and Engineering - the role of the engineer and the influence of nature and art." It is a celebration of the development of the suspension bridge. The exhibition is currently on show at One Great George Street, London (Institution of Civil Engineers headquarters) until the beginning of July when it will move to the Chain Bridge Honey Farm Visitor Centre, Horncliffe, Berwick upon Tweed, (close to Captain Sir Samuel Brown's famous Union Chain Bridge) as part of the Royal Border Bridge 160<sup>th</sup> anniversary celebrations in 2010.

## V. Recently Published Books

Brand new books of ICOHTEC members are mentioned in the bibliography and in this chapter.

**Callapez, Maria Elvira:** História do PVC em Portugal: CIREs – Um Caso de Sucesso. Escolar Editora, Lisboa 2010.

The History of PVC in Portugal: CIREs – A story of success. The book analyses the introduction of the Polyvinyl Chloride (PVC) Industry in Portugal at the beginning of the 1960s by means of international technology transfer. Companhia Industrial de Resinas Sintéticas – CIREs – was the pioneer corporation, a joint-venture set up by the Portuguese Bank, Portuguese and Japanese corporations, and carried out new management business techniques and new technologies in the chemical industry at a decisive period for the formation of contemporary Portugal.

**Camara Munoz, Alicia / Moreira, Rafael / Vigiano, Marino:** Leonardo Turriano, Ingeniero del Rey. Fundación Juanelo Turriano, Madrid 2010.

Leonardo Turriano, born in Cremona, Italy, served as an engineer to the kings Philip II and Philip III of Spain. The book includes the transcription of a previously unpublished manuscript on the fortifications of Oran and Mazarquivir, and a biographical account of the various activities of a prototypical Renaissance engineer.

**Frost, Garry L.:** Early FM Radio. Incremental Technology in Twentieth-Century America. John Hopkins University Press, Baltimore 2010.

The author analyses the development of the FM radio and offers a revision of the common FM story. He shows that a plenty of individuals, companies and institutions contributed to the FM radio and discusses their influence. In the process Frost demonstrates the tension between competition and collaboration that goes hand in hand with the emergence and the refinement of new technologies.

**Januszewski, Stanislaw (ed.):** Technika w dziejach cywilizacji – z mysla o przyszlosci [Technology in history – thinking of the future], Vol. 6. Proceedings of the Workshop on the Industrial Archeology held at Dzierzoniow, Poland, May 2010. Fundacja Otwartego Muzeum Techniki, Wroclaw 2010.

The sixth volume of the workshop on Industrial Archeology. Although the workshop is addressed particularly to students, some of the papers were contributed scholars of established position. The workshop is taking place each May.

**Levin, Miriam R. / Forgan, Sophie / Hessler, Martina / Kargon, Robert H. / Low, Morris:** Urban Modernity. Cultural Innovation in the Second Industrial Revolution. MIT Press, Cambridge, MA 2010.

At the close of the nineteenth century, industrialization and urbanization marked the end of the traditional understanding of society as rooted in agriculture. Urban Modernity examines the construction of an urban-centered, industrial-based culture—an entirely new social reality based on science and technology. The authors examine the dynamic that connected urban planning, museums, educational institutions, and expositions in Paris, London, Chicago, Berlin, and Tokyo from 1870 to 1930.