

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,

This issue of the Newsletter gives a first glance of our scientific program in Glasgow (2 – 7 August 2011): ICOHTEC's Program Committee listed the accepted papers and arranged a preliminary program.

The registration for the Glasgow conference is open, now. At time there is an early bird's fee available. Please find the registration form on <http://www.icohtec.org/annual-meeting-current.html>.

It will be a pleasure to meet you in summer!

Best wishes

Yours Stefan Poser

Content

I. ICOHTEC Glasgow 2011	p. 2
II. Conference Announcements	p. 10
III. Call for Contributions	p. 20
IV. Recently Published Books	p. 20
V. Join ICOHTEC	p. 21

I. ICOHTEC Glasgow 2011

Preliminary Program of the Scientific Sessions

The preliminary program is arranged following the general topics of the session's subjects in order to give an overview. Several sessions are dedicated to technology and consuming, playful approaches to technology are discussed, the environmental question and energy supply is another strong topic. Many contributions will analyse different aspects of the history of education in science and technology. The social history of military technology will become an important subject again.

Please note: the schedule of the conference will follow later; it will be arranged in a *different* way.

James Watt's Workshop: an authentic nexus between production and consumption

Session organiser: Ben Russell, United Kingdom

Ben Russell, United Kingdom: *James Watt's workshop: work-place of a scientific entrepreneur.*

Jane Insley, United Kingdom: *Sculpture for the masses – James Watt and the Reproduction of Art.*

Helen Peavitt, United Kingdom: *'In keeping with the taste of the age' – consumer goods of the 18th and 19th Centuries.*

Consuming History of Technology?

Masaaki Okada, Japan: *Interpretation of Defence Heritage: History of its "ignore and reuse" and future potential as significant landscape.*

Rosaria de Fazio, Italy: *Technology and the market of culture*

Vahur Mägi, Estonia: *Industrial Monument or Consumer-friendly Manufacturing Giant?*

The Success and Failure of Consumer Driven Innovations

Uri M. Kupferschmidt, Italy: *On Sewing Machines, Typewriters, Pianos, and Automobiles in the Middle East.*

Hermione Giffard, United States: *The Military as Consumer: The Development and Production of Jet Engines, 1939-1945.*

Richard Vahrenkamp, Germany: *Consumer driven innovations in the retail trade.*

Advait Deshpande, United Kingdom: *Neither push nor pull – the factors that made copper based DSL a mass market technology in UK.*

Olle Hagman, Sweden: *A Technology in Permanent Transition: Cordwood Building after 200 Years in the Hands of Consumers as Producers.*

Dagmar Ellerbrock, Germany: *Browning pistols: From the playgrounds to the heart of Germany. Consumption and distribution of civil firearms at the beginning of the 20th*

century.

Anne Sudrow, Germany: *Assessing the Technological Impact of Shoe Fashions: the 'Product Line Analysis' as a New Theoretical Framework.*

Harri Kiiskinen, Finland: *Technological advantage and market domination in the Roman world: a question of production, transport or communication?*

Mei Zhou, Germany: *Consumer-based innovation progression of tomosynthesis.*

Maria Elvira Callapez, Portugal: *Pioneers of plastics in Portugal.*

Marie Bach, Denmark: *Ankerline – A Danish design product with limited success.*

Gender and Consumption

Amy Bix, United States: *Buyer Beware: Educating Women as Consumers of Technology in the Twentieth Century.*

Nina Baker, United Kingdom: *Women car designers and cars for women: The Arrol Galloway and the Volvo YCC.*

Jung Sook Bae, France: *Korean Women's Consumption Behavior and Cultural Identity during Japanese Colonial Rule.*

Julie Wosk, United States: *New Perspectives on "Feminine" and "Masculine" Design.*

Local and Urban Patterns of Consumption

Alvaro Silva, Portugal: *Technology Transfer in Urban Sanitation: A Perspective from Backward Europe.*

Patricia Olivera, Mexico: *Consumption and productive services in Latin American Cities.*

Andrei Kalinitchev, Finland: *Consumption patterns in local communities in Northern Ingermanland during the transitional time 1850-1900.*

Marketing and the Culture of Consumption

Sara Shreve, United States: *Selling the Sun: Promoting Solar Housing in American Culture, 1933-1968.*

Claire Jones, United Kingdom: *Industry and Sensibility: The Promotion of Contraceptives, 1870-1914.*

Martin Bellamy, United Kingdom: *The Power of Three: Marketing and the Anchor Line's Dummy Funnels.*

Paulina Faraj, United States: *Radio Activity: The National Socialist Propaganda Ministry's Understanding of "Soft" Technological Determinism.*

Louise Davis, United States: *Virtual Consumers: Technological Innovation and the Evolution of Consumer Based Global Aid Movements in the Late Capitalist Era.*

Kirsten E. Gardner, United States: *Advertisement and Promises: Diabetic Technologies in Modern American Culture.*

Consuming Visions of Information and Communication Technologies

Session organiser: John Laprise, Qatar

John Laprise, Qatar: *Privatization Denied: The Strange Case of the Internet Rev. 0.1.*

James Sumner, United Kingdom: *Visions of Technological Success: Making Computers British in the 1950's.*

Andrew Meade McGee, United States: *When the Man from Washington's the Buyer: Federal Civilian Agencies as Consumers of Information Technology During the Mainframe Era.*

Paul Ceruzzi, United States: *The HP-35 Pocket Calculator: The Consumer Product that Inaugurated the Era of Microelectronics.*

Claire Leymonerie, France: *The "Product Information System" of the Paris Center for Industrial Creation: Computer science for consumers in 1970s France.*

Consumption and Health

Nils Kessel, France: *To be taken three times a day. Drug consumption, consumer behaviour and politics in West Germany, 1950-1980.*

Ximena González-Grandón, Mexico: *Welcome nutraceuticals.*

María Elena Ramírez de Lara, Mexico: *Instruments for a national medicine in Mexico.*

Designing Luxury

Molly Berger, United States: *Technological Luxury in the American Hotel: Luxury Courts a Mass Market.*

Riccardo Cella, Italy: *Imitation and re-invention of European porcelain: a case study from early modern Venice (15th - 18th century).*

John B. Stranges, United States: *Jaguar: A Case Study in Consumer Influence on Technology.*

Embracing the Consumer in the Riverside Museum

Session of the hosting museum

Session organiser: Martin Bellamy, United Kingdom

Producing and Consuming Food

Franz Klingender, Canada: *The Winnipeg Tractor Trials as a means to technological acceptance.*

Jarmo Pulkkinen, Finland: *Farmers and the AIV Method – the Slow Diffusion of A. I. Virtanen's Nobel Prize Winning Invention.*

Darwin Stapleton, United States: *The Multicultural Context of the Pennsylvania Toolkit and its Significance for the Pioneer and Settlement Eras in the United States, 1700-1850.*

Karin Zachmann, Germany: *Atoms for Food.*

Ali Mohammad Tarafdari, Iran: *Modern Technologies in an Agrarian Society: Industrialization of Iran during the Reign of Reza Shah Pahlavi.*

Technology and the Household

Jordi Ferran Boleda, Spain: *Selling Technology as a part of its Popularization Process: Electric Domestic Devices in Catalonia in the 1930s.*

Sylvia Woelfel, Germany: *Imagining the green user: Energy-efficiency as a new guiding principle in product development in the domestic appliances industry in West and East Germany*

Timo Myllyntaus, Finland: *Advertisers' Slogans and Consumers' Hopes: Connecting Gender Roles and Housework Participation in Purchasing Household Appliances in Postwar Finland*

Take a Photo: Consumer Choice and Photography

Jennifer Levasseur, United States: *NASA and Hasselblad: Consumer choice and technological changes for human spaceflight.*

Alexander Gall, Germany: *The Illustrated Press, Halftone Printing and the Popularisation of Photography.*

Cornelia Schadler, Austria: *Babies first Portrait: From Medicine Technology to Photographing Technology.*

Music, Sound and the History of Technology

Session organiser: Hans-Joachim Braun, Germany

Hans-Joachim Braun, Germany: *Sound Studies and the History of Technology: Where are We? Where are We Going?*

Serge Benoit, France: *Science, Technology and Musical Development : the Société d'Encouragement pour l'Industrie Nationale (19th – 20th century)*

Roman Artemenko, Russia: *Sound Recording Collections in Russia (1900-2000)*

Jeffrey Tang, United States: *A system of my own: Consumer design in postwar American high-fidelity audio.*

Chen-Pang Yeang, Canada: *The Sound and Shapes of Noise: Measuring Disturbances in Early Twentieth-Century Telephone and Radio Engineering.*

Mark Katz, United States: *The Amateur in the Age of Mechanical Music.*

Susan Schmidt-Horning, United States: *All-Consuming Technologies: Gadgeteers, Audiophiles, and the Passion for Sound (Re)Production.*

Volker Smyrek, Germany: *Sound Engineering is Dead.*

Kaarina Kilpio, Finland: *Something dear you might easily lose forever": experiences from a survey on c- cassette users' memories.*

Roland Wittje, Germany: *The Age of Electroacoustics: Electroanalog Understanding and the Transformation of Sound in the Interwar Period.*

Heiner Fangerau, Germany, Michael Martin, Germany: *Seeing Sounds? The visualization of acoustic phenomena in cardiac diagnostics.*

Playing with Technology

Session organiser: Nikolaus Katzer, Germany, Stefan Poser, Germany

Session chair: James Williams, United States

Joseph Wachelder, Netherlands: *Selling and Buying Toys in Great Britain 1780 -1850.*

Rachel Maines, United States: *Model Citizens: Scientists, Engineers, Laborers, Reformers and Boys as Builders and Consumers of 19th Century Models.*

Stefan Poser, Germany: *Do Technical Toys kill Fantasy? – Toys, technology and education in the late 19th and early 20th century.*

Carroll Pursell, Australia: *America's Fun Factories: Amusement Parks from Coney Island through Disney World.*

James C. Williams, United States: *Sailing as Play: A Continued Exploration.*

Jeremy R. Kinney, United States: *Racing on Runways: The Strategic Air Command and Sports Car Racing in the 1950s.*

Russel Lee, United States: *How Uncle Sam Saved the Ultralight Aircraft Movement.*

Nikolaus Katzer, Germany: *Technological utopia and the mediatization of high-performance sport in the Soviet Union.*

Walter Kaiser, Germany: *Simulation Techniques: Research & Development, Risk Prevention, and Playground for Engineers.*

To which Extent Can Climate Change be Vanquished by Technological Means?

Differing Viewpoints

Session organiser: Matti Haavisto, Finland

Session chair: Timo Myllyntaus, Finland

Matti Haavisto, Finland: *Bio-fuels and Nuclear Reactors or Disengagement from a Consumption-driven Lifestyle: Solutions to Climate Change Advocated in the Finnish Press.*

Jan Kunnas, Finland: *Genuine environmental improvements or recycling of environmental problems?*

Juho Lammintausta, Finland: *Technological Solutions to Climate Change: Three Later Versions of the Ecologist Rebuttal.*

Anthony N Stranges, United States: *Key Scientists in the History of Climate Change.*

Stephen Sambrook, United Kingdom Ray Stokes, United Kingdom: *The downside of consumption – coping with the generation of domestic waste and getting rid of what's left.*

Providing Energy

Francesco Gerali, Italy: *Oil and illumination. The satisfaction of a need at the base of the*

development of an industry.

Ray Stokes, United Kingdom, Ralf Banken, Germany: *Networking Production and Industrial Consumption in the Ruhr District: The Establishment of Industrial Gases Pipeline Networks, 1938-1980.*

Duygu Aysal Cin, Turkey: *Electricity, Consumers and the State during the Electrification of Ottoman Istanbul in the Late 19th and Early 20th Century.*

Julie Cohn, United States: *Engineers, Electricity, Conservation, and Control: the Drive to Achieve Energy Conservation Through the Art of Automated Control.*

Helena Ekerholm, Sweden: *Wood Gas Fuel Technology as Outcast in Automobile Culture.*

Aristotle Tympas, Greece, Vaso Aggelopoulou, Greece: *Between localized wind structures for autonomous electric power networks and grid-connected universal wind parks: The Greek experience.*

Development of Fuel and Energy Complex

Session organiser: Eldar Movsumzade, Russia

Session chair: Eldar Movsumzade, Russia

Nazrin Movsum-zade, Azerbaijan: *Researching of Azerbaijani scientists in the field of petroleum-gas complex from historical point of view.*

Olga Poletaeva, Russia, Eldar Movsumzade, Russia: *Development of oil and gas processing for the fuel resources expansion.*

Vladimir Shaydakov, Russia: *The development of techniques and technology of oil production, taking into account world trends of hydrocarbon development.*

Ilmir Galimov, Russia, Artur Akopov, Russia, Nguen Thuc Khang, Vietnam: *Development of the oil and gas industry in Asian countries and in Vietnam.*

Boris Mastobaev, Russia, Airat Shammazov, Russia: *Development of the intercontinental transportation of oil and oil products from 1850 up to 1990.*

Anna Lokshina, Russia: *Development and modernization of the subsea oil storages.*

Eldar Movsumzade, Russia: *The roots of the oil business conception and to becoming the picture of world painter.*

Being Mobile: Transportation

Eduardo Oliveira, Brazil: *Railway technology and history of the railroad industry in São Paulo (Brazil, 1870-1930)*

Stephen Jones, United Kingdom: *The Railway and a Tale of Two Towns*

Aleksandra Bekasova, Russia: *The Emergence of Public Transportation in Russian Empire: Traveling, Consuming, and the Making of Passenger's Mobile Body*

Conflict and Interest: Dissatisfied Users in Early Telecommunications History

Session organiser: Graeme Gooday, United Kingdom

Session chair: Ben Marsden, United Kingdom

Session commentator: Ben Marsden, United Kingdom

Graeme Gooday, United Kingdom: *From telegraph to telephone and back again: electric communications in the army, 1880-1920.*

Elizabeth Bruton, United Kingdom: *"A question for commercial adjustment...not for international legislation": conflict between commercial and state interests in early British wireless history.*

Michael Kay, United Kingdom: *Revealing non-users of technology: A. D. Provand and Grass Roots Telephony in Manchester.*

In the Mind's Eye: technical drawing in France and England, 1800-1850

Session organiser: Andrew Butrica, United States

Session chair: Ben Marsden, United Kingdom

Session commentator: Ben Marsden, United Kingdom

Andrew Butrica, United States: *"The Société d'Encouragement pour l'Industrie Nationale and the Promotion of Technical Drawing, 1801-1848."*

Frances Robertson, United Kingdom: *British Technical Draughtsmen in the First Half of the Nineteenth Century.*

Jennifer Alexander, United States: *Arguing in pictures: The Visual Rhetoric of Mechanical Reliability in Restoration France.*

History of Technological Education

Session organiser: Roman Artemenko, Russia

Session chair: Roman Artemenko, Russia

Session commentator: Mark Clark, United States

Jytte Thorndahl, Denmark: *Rural Electricians from Askov High School, Denmark, 1904-1918*

Markku Norvasuo, Finland: *The Educational Role of the Finnish Electricity Association in Electric Lighting, 1929-1938*

Colin Hempstead, United Kingdom: *The Education of Scientists and Engineers in England and Wales, 1914-1965.*

Maija Kallinen, Finland: *Web-based courses in History of Science and Technology: The TORUS-experience.*

Kimmo Antila, Finland: *Teaching the History of Technology in Different Learning Environments.*

Mark Clark, United States: *Practical Education for Practical Men: The Cold War and the Rise of "Engineering Technology" Education in the United States*

Wolfhard Weber, Germany: *Changing importance of technical education and research in Germany 1850 to 2005.*

Roman Artemenko, Russia: *Engineering Education in the USSR, 1950-1991.*

Luciana R.F. Klanovicz, Brazil: *Female Engineers in Southern Brazil: Towards a Greater*

Gender Equity.

The Development of the Engineering Sciences, their History and Engineering Education from Technical to Socio-Technical Systems

Session organiser: Gorokhov Vitaly, Germany

Session chair: Gorokhov Vitaly, Russia

Gerhard Banse, Germany: *Historical Development of the Engineering Sciences – Some Remarks.*

Vitaly Gorokhov, Germany: *The Genesis of the Engineering Sciences from the Natural Sciences (on the example of radio engineering).*

Alla Litvinko, Ukraine: *The integrating role of oscillatory processes in the establishment of internal relations between dissimilar phenomena.*

Liliya Ponomarenko, Ukraine: *The value of the institutionalization of physical research in the Kiev polytechnic institute for establishment of engineering education.*

Galina Gorokhova, Russia, Stanislav Naumov, Russia: *The Development of the New Paradigm of the Engineering Sciences and Education (Experience of the Teaching of the Postgraduate Students in the History and Philosophy of Science in the Russian Academy of Sciences).*

Vasily P. Borisov, Russia: *The Birth of the Electronic television: Inventors and “Fathers”.*

Elena Helerea, Romania, Liviu Sofonea, Romania, Horia Salca, Romania: *Modus didacticus in which is communicated the History of Technique in Romania during the first decade of the Third Millennium.*

Elena Helerea, Romania, Elena-Simona Indreica, Romania: *Paradoxical attitudes of Romanian education system beneficiaries – Is History of science and techniques a solution?*

Evgeniy Antoniuk, Ukraine, Svetlana Khorosheva, Ukraine: *On the perspective to improvement of Diesel engine.*

VI Social History of Military Technology

Session organiser: Barton Hacker, United States

Brenda Buchanan, United Kingdom: *Gunpowder and Medicine.*

Giovanni Cerino-Badone, Italy: *Men against fire. Firepower and the crisis of war in the eighteenth century.*

Jesse Heitz, United States: *The Rise of the HMS Warrior and the Fall of the Ship of the Line: The Reaction of the British Admiralty to the Royal Navy’s Transition from Wood to Iron.*

Yoel Bergman, Israel: *Designing for Consumers: the case of Alfred Nobel and Ballistite.*

Petter Wulff, Sweden: *Close but still apart – the trajectories of dynamite and sea mine development in Sweden.*

John Williams, United Kingdom: *The Entry of Private High Explosives Enterprises into Britain.*

Ciro Paoletti, Italy: *The First Centennial of Air Warfare: Italian Air Corps Operations in Libya 1911, from Reconnaissance to Bombing.*

Lori Henning, United States: *Looking Up From the Saddle: American and British Cavalrymen's Reaction to the Aeroplane 1903-1918.*

Tony Pollard, United Kingdom: *Lost Beyond Recall: Archaeology and the Livens Flame Projector Project.*

Laurence Burke, United States: *When the American Navy was Part of the British Army: The Unexpected Path of the Northern Bombing Group in World War I.*

Loredana Vannacci, Italy: *Italian Military Aviation in World War I Commercial Advertising.*

Margaret Vining, United States: *Sophonisba Breckinridge and Women Industrial Workers in World War I.*

David Zimmerman, Canada: *Land Ships and Royalty Cheques: The Royal Commission on Awards to Inventors and the Invention of the Tank.*

Jeffrey Larrabee, United States: *Turning Swords into Plowshares: World War I Demobilization and the Birth of Civil Aviation.*

Vasily Borisov, Russia: *The Russian Electronic Industry, from Military Enterprise to Consumer Products.*

James Fleming, United States: *Military Technology, Real and Imagined: Consumers' Choices for Weather and Climate Control.*

Sean Kalic, United States: *Redefining a Weapon: U.S. Government and Satellites, 1945-1960.*

Layne Karafantis, United States: *America's Sputnik: Telstar Persists in Public Memory.*

Gil-li Vardi, United States: *'The Man in the Tank will Win': the Evolution of IDF Cultural Approach to Military Technology.*

Steven Fino, United States: *Breaking the Trance: The Perils of Technological Exuberance in the US Air Force Entering Vietnam.*

Matthew Ford, United Kingdom: *Learning the Lessons of Battle. Technological Change, Small Unit Tactics and the Problems with the Force Transformation Literature*

II. Conference Announcements

13 – 17 April 2011

History and Sustainability. Stories of Progress, Hubris, Decline, and Resilience
Arizona State University, Phoenix, Arizona, United States

Please find the program on http://shprs.clas.asu.edu/aseh_conference

Please contact Richard Tucker, program committee chair, rptucker@umich.edu; Paul Hirt, local arrangements committee chair, paul.hirt@asu.edu or Lisa Mighetto, executive director, director@aseh.net.

2 – 5 June 2011

Rationalisierung in Handwerksberufen / Rationalisation in Case of Craftsmen's Work

Annual meeting of the Gesprächskreis Technikgeschichte

LWL-Freilichtmuseum, Hagen, Germany

Please visit www.lwl-freilichtmuseum-hagen.de

Please contact Regina Weber, regina.weber@googlemail.com

3 – 5 June 2011

Globalisierung, Kulturvergleich und Kulturkontakt als Herausforderung für die Technikgeschichte / Globalization and Cultural Comparison as a Challenge for the History of Technology.

20. Jahrestagung der Gesellschaft für Technikgeschichte / 20th Annual conference of the German Society for the History of Technology, GTG

Annual conference of the German Society for the History of Technology, GTG

Max-Planck-Institut für Wissenschaftsgeschichte, Berlin, Germany

For more information please visit <http://www.gtg.tu-berlin.de/mambo/content/view/488/273/>

Please contact Dagmar Schäfer, MPI für Wissenschaftsgeschichte Berlin,

dschaefer@mpiwg-berlin.mpg.de

21 – 24 June 2011

Renewing the Heritage of Chemistry in the 21st Century: Conversations on the

Preservation, Presentation and Utilization of Sources Sites and Artefacts

Paris, France

Please visit <http://chmc2011.fr/?lang=en> for further information.

28 June – 2 July 2011

Encounters of Sea and Land. 6th ESEH Conference

Turku, Finland

The scientific programme of the upcoming ESEH conference is now posted online. A more detailed programme will be posted closer to the time.

Turku Conference Programme: http://eseh2011.utu.fi/?page_id=64

Please visit: <http://eseh2011.utu.fi/>

Please contact: Timo Myllyntaus, Department of Finnish History, University of Turku,

timmyl@utu.fi

11 – 14 September 2011

The Public History of Science and Technology

University of South Carolina, Columbia, SC, United States

CFP – Deadline **15 April 2011**

What role does history play in the general public's understanding of science and technology? History is often the tool for hooking audiences and making science relevant to daily life. From anecdotal introductions to sidebars in science textbooks, history plays an important, but often unexamined role, in explaining science to broad audiences. Most people first encounter the history of science and technology in their K - 12 science classes – their only formal science training – even if it is incidental and unrecognized. They continue to encounter the history of science and technology through a variety of informal venues: museums, libraries, television documentaries, and popular science writing.

The University of South Carolina will host a conference September 11 - 14 to address the interaction of history, science, and the public. This conference seeks to examine: What role does the history of science play in the public's understanding of science and technology? What is the role of museums, libraries, television documentaries, and popular writing in educating audiences about science? How can historians of science and technology best interact with science policy makers? What can university history departments and public history programs do to teach future science popularisers and educators?

Potential themes to address include:

- History of Science and public policy
- History of scientific education and scientific literacy
- Library collections and the history of science
- Technologies of conservation of museum artifacts
- Opportunities for digital technologies in public history
- Journalism and writing in the history of science for the “general,” non - academic audience
- The role of federal government agencies in supporting the history of science
- The value of internships in training scholars to use material culture in their research
- How does the history of medicine affect current decisions about care?
- The place of history in discussions about emerging technologies in policy and public understanding contexts

Keynote speakers include:

Robert Bud, The Science Museum, London

Sharon Babaian, Canada Science and Technology Museum

Peter Liebhold, National Museum of American History

Zuoyue Wang, California State University, Pomona

Conference organizers will accept both individual paper proposals and panel proposals. Alternative formats, such as roundtable discussions or object - based interactive discussions, are encouraged. Proposals should be no more than one page long and should be accompanied by a one page CV. Email proposals as a single pdf document to Allison Marsh, marsha@mailbox.sc.edu. Please list “PHoST Proposal” in the subject line. Limited travel support is available for graduate students, junior, and independent scholars.

If seeking travel funds, please include in your proposal a budget and justification for your transportation costs. Students must include a brief letter of support from their advisors confirming their status as graduate students and indicating how the conference will enhance their studies.

Conference papers will be considered for possible publication as an edited volume.

Conference Organizers: Ann Johnson and Allison Marsh.

We would also like to draw your attention to the Atlanta Conference on Science and Innovation Policy, September 15 - 17, 2011 at Georgia Tech's Global Learning Center. Atlanta is only a 3 – 4 hour drive or short flight from Columbia. For more information about the Atlanta conference, see their website at www.atlantaconference.org.

Please visit www.atlantaconference.org.

Please contact Allison Marsh, marsha@mailbox.sc.edu

29 – 30 September 2011

Organisationen und Experten des Notfalls. Technik und Kultur von Feuerwehr und Rettungswesen im Wandel

Organizations and Experts of Emergency. Technology and the culture of firemen and rescuing services in transition

Albert-Ludwigs-Universität, Freiburg, Germany

CFP – Deadline **6 May 2011**

Please visit <http://portal.uni-freiburg.de/soziologie/Forschung/Tagungen/Notfall>

Please contact the organisers Stefan Kaufmann, Markus Jenki and Nils Ellebrecht by nils.ellebrecht@soziologie.uni-freiburg.de

30 September – 2 October 2011

Workshop for the History of the Environment, Agriculture, Technology and Science

MIT, Boston, United States

CFP – Deadline **30 April 2011**

The Doctoral Program in History, Anthropology, and Science, Technology and Society (HASTS) at MIT is pleased to be hosting WHEATS in 2011. Now in its eighth year, the Workshop for the History of Environment, Agriculture, Technology, and Science (WHEATS) brings together graduate students studying topics contained under this heading. The Workshop will take place 30 September-2 October 2011. WHEATS welcomes submissions from any discipline with interests in these fields. Pre-circulated papers of 25-30 pages will be discussed by participants and senior scholars in roundtable format. This arrangement is well-suited for works in progress, and the workshop will have sessions on professional development as well as opportunities to meet and engage with members of the broader HASTS community at MIT.

Funding to defray travel costs will be provided, as will most meals. The option to stay with local students will be available, should participants wish to do so. Potential participants should submit a one-page abstract (200 words) and a short curriculum vitae by 30 April 2011. Applicants should note their year of graduate study or Ph.D. completion date. Accepted papers will be due 31 August 2011.

Send submissions to: wheats-submissions@mit.edu

Please contact wheats-organizers@mit.edu

Please visit wheats.mit.edu

2 November 2011

My Current Work and Its Possible Implications. A Joint INES/Prometheans Workshop
Cleveland State University, Cleveland, Ohio, United States

CFP – Deadline **15 May 2011**

The International Network for Engineering Studies (INES) and the Prometheans special interest group in the Society for the History of Technology (SHOT) announce a joint one-day workshop on engineering studies and the history of engineering. The workshop will take place on Wednesday, November 2, 2011 at Cleveland State University in Cleveland, Ohio. It is hosted by Peter Meiksins, Professor of Sociology at Cleveland State. November 2 is the day before the joint HSS/SHOT/4S meetings begin.

The workshop's purpose is to bring researchers in engineering studies and history of engineering together in concise, fast-moving, wide-ranging, and hopefully entertaining discussions of the contents of current research and its possible implications for different audiences inside and outside scholarly arenas.

To present at the workshop, send a confirming message to the INES Secretary/Treasurer Crystal Harrell (crcrigge@vt.edu) by May 15, 2011. Include in the body of the message your name, institutional affiliation, title, and 50-100 word abstract of your proposed presentation. Offering to present constitutes registration.

Please contact Crystal Harrell, INES Secretary/Treasurer, crcrigge@vt.edu

7 – 10 November 2011

The History and Philosophy of Computing

Gent University, Gent, Belgium

CFP – Deadline **15 May 2011**

We plan to have up to 30 contributed papers to be presented at the conference. We welcome contributions from logicians and philosophers or historians of science as well as from philosophically aware computer scientists and mathematicians. Topics include but are not limited to:

The history of computation:

- computational systems
- machines
- mechanized reasoning
- algorithms and programs
- communities of computing and their paradigms, Philosophical, foundational and practical issues of computability in logic, mathematics and computer science: models of computability
- physical Church-Turing Thesis
- the complex behaviour of simple computational systems
- formal systems for distributed, cloud and secure computing
- semantic theories of programming languages
- functional vs. object-oriented programming

Computation in the sciences:

- Epistemology
- computer experiments and simulations
- computer-aided systems for teaching and research
- (math- and engineering software, e-learning, scientific databases)
- computer and the arts

We cordially invite researchers working in a field relevant to the main topics of the conference to submit a short abstract of approximately 200 words and an extended abstract of at most a 1000 words (references included) to

<https://www.easychair.org/account/signin.cgi?conf=hapoc11>

Abstracts must be written in English. Please note that the format of uploaded files must be .pdf or .doc.

Please visit: <http://www.computing-conference.ugent.be/cfp>

16 – 18 February 2012

Frost, Ice and Snow. Cold Climate in Russian History
German Historical Institute (Moscow), Moscow, Russia
CFP – Deadline **30 June 2011**

Russia was and remains especially associated with cold. Not only do terms from recent history—like “Cold War” and “thaw”—stand metonymically for Russia and the Soviet Union,

the discourses about the Russian cold stem from existential experiences. Due to its geographical location, extreme weather influences reign in Russia. In Russia and the Soviet Union, the cold was a constant cultural challenge, a phenomenon that influenced actions, everyday experiences, and mentalities, and determined both external and self-perceptions.

Focusing on the factor of climate, this conference will discuss and connect new approaches to Russian environmental history. The goal of the conference is to explore the relevance of environmental historical research questions for Russian history on the basis of climatic conditions. Furthermore, the conference will establish a network of colleagues who work on the environmental history of Russia and the Soviet Union.

The goal of this conference is to discuss the cold primarily under four aspects:

1. Environmental Perspectives in Russian History

The first section asks about the significance granted to the human-nature relationship in historical works on Russia and the Soviet Union. To what degree have economic explanatory models in the pre-revolutionary and Soviet historiography impeded environmental historical research questions? Why has the category of space determined the historical perception of Russia, while climate has played only a subordinate role in the historical representations of the nineteenth and twentieth centuries? How could one write a history of Russia in which climate is a central factor? This consideration of previous approaches will facilitate the location of gaps in the research.

2. The Cold in everyday life

Although cold and frost had a central importance for Russian history, there are only a few studies that have systematically explored how people reacted to the adverse climatic conditions in Muscovite and Tsarist Russia, as well as the Soviet Union. The second section investigates the practices with which people in Russia reacted to negative temperatures. The focus here is on the adaptive achievements that manifested themselves or were negotiated politically, socially, aesthetically, and economically. What role did climate play in the settlement, agricultural, technological, and transportation history of Tsarist Russia or the Soviet Union? How did religion, industrialization, urbanization, and literacy influence dealings with the cold? Contributions for this section could, for example, contrast long term adaptive practices with short term efforts to overcome, temper, or utilize the cold. In this section, adaptive strategies that were implemented or reconstituted as a result of military conflict could also be analyzed.

3. Scientification and Climate Engineering

The third section explores scientification processes. Which sciences focused on the cold, and what did they believe was worthy of research? How did their representatives develop and advance their scientific disciplines by speaking about climate and cold. In this section, polar research will play a central role. What value was accorded to polar research in Tsarist Russia and Soviet Union? To what extent was polar research a “weapon” in the Cold War and at what point did questions of nature protection and climate change enter the discussion? Even if the Cold War must be viewed above all as a confrontation of systems,

the transnational aspects of this history should not be neglected. Research on cold can also be seen as a history of transfers. It will be investigated, if the topic of “cold” permitted the formation of strategic alliances that transcended the system conflict.

This section also focuses on those world climate utopias of the 1960s and 1970s, conceived by both American and Soviet scientists, as a reaction to the fear of global cooling. Conversely, what role did the debate about global warming play in the 1970s and 1980s in the Soviet Union, a country that strongly identified itself with a narrative of coldness?

4. Narratives, Media, and Visualization of the Cold

The fourth section should provide an opportunity to discuss how communication about cold produced individual and collective identities, and what significance these representations of the harsh climate possessed for external and self-perceptions. The section is devoted to the narratives and media that have conveyed communication about climatic conditions in Russia. What discourses, metaphors, narratives, and iconographies did actors refer to when discussing experiences with snow and frost? When and how did cold and frost become a national symbol? How did visualizations of cold help establish new discourses about knowledge in polar research, for example. What role did cold, ice, and snow play in novels and films about Russia? Looking at media and discourses, can the Russian winter and the Siberian cold be understood as Russian and European sites of memory?

The conference “FROST, ICE AND SNOW. COLD CLIMATE IN RUSSIAN HISTORY” will take place at the German Historical Institute in Moscow. Travel costs will be covered by the Rachel Carson Center in Munich; accommodation costs are provided by the GHI Moscow. Abstracts (500 words) and a short CV should be submitted by 30 June 2011 to the following address:

julia.herzberg@carsoncenter.lmu.de.

Applications must be composed in one of the two conference languages, English or Russian.

Notification of conference participation will be delivered by 1 August 2011. The conference will be based on the discussion of pre-circulated contributions. These should be between 6,000 and 8,000 words (incl. footnotes) and must be submitted by 15 December 2011. To permit ample discussion time, presentations should not exceed fifteen minutes. Selected contributions will be published in the Rachel Carson Center publication series.

Please visit http://www.carsoncenter.uni-muenchen.de/news_events/2012-02-16/index.html

Please contact:

Julia Herzberg, Rachel Carson Center, julia.herzberg@carsoncenter.lmu.de

Ingrid Schierle, German Historical Institute (Moscow), Ingrid.schierle@dhi-moskau.org

28 – 31 March 2012

From the Local to the Global. Ethics, Environmentalism and Environmental History in an Independent World.

American Society for Environmental History, Madison, Wisconsin, United States

CFP – Deadline **1 July 2011**

For its 2012 conference, the American Society for Environmental History will convene in Madison, Wisconsin, a city and state rich in historical and environmental heritage. Here environmentalist John Muir grew up and took courses in botany and geology at the University of Wisconsin, frontier historian Frederick Jackson Turner transformed the study of US history, and borderlands historian Herbert Eugene Bolton began his own transformative career. In Wisconsin architect Frank Lloyd Wright built structures attuned to the American landscape, and painter Georgia O’Keeffe began her career as an artist depicting that landscape. While closely identified with the American Midwest, Wisconsin is also a border state, facing Ontario across Lake Superior. 2012 will be the 125th anniversary of the birth of one of Wisconsin’s most important environmental thinkers who rose to international prominence, Aldo Leopold.

In *A Sand County Almanac* and “The Land Ethic,” Leopold tried to find ways to live ethically with nature, and this began not in an iconic wilderness like Yosemite or Yellowstone but instead at the most local level - one’s own home, yard, or farm. Leopold tied this idea of local responsibility to a much broader, all-encompassing environmental awareness, a land ethic informed by both science and morality that possessed the potential to be nationally and even globally transformative. Like Leopold, the ASEH conference for 2012 will begin with the local, but look to the global. We take his work as a starting point to look inward and outward, across chronological eras and geographic divides.

Individuals and groups all over the world are searching for ways to live better with nature, and to make a better world for all outside of traditional political structures and older models of environmentalism. Please join us in Madison for an intellectual and collegial journey – “From the Local to the Global: Ethics, Environmentalism, and Environmental History in an Interdependent World.”

Please visit <http://www.asehmadison2012.com/>

Please contact Nancy Langston, University of Wisconsin; nelangst@wisc.edu

26 – 28 April 2012

Gender, Bodies & Technology: (Dis)Integrating Frames

Virginia Tech, Roanoke, Virginia, United States

CFP – Deadline **15 September 2011**

The Women's and Gender Studies Program at Virginia Tech invites proposals from scholars in the humanities, social and natural sciences, visual and performing arts, engineering and technology for papers, panels, new media art and performance pieces that explore the intersections of gender, bodies and technology in contexts ranging from classrooms to workplaces to the internet. In keeping with the conference theme, we are asking contributors to include specific reference to the ways in which their own particular disciplinary frameworks shape their approach to their sites of research.

Keynote speakers include: Dr. Judith Halberstam, Professor of English, American Studies and Ethnicity, and Gender Studies, University of Southern California; Dr. Judy Wajcman, Head of Department of Sociology, London School of Economics & Political Science

Specific topics might include, but are not limited to:

- Gender and the technologies of the workplace, education, and public/private spaces
- Disability and technologies of intervention
- Feminist theorizing of the intersections between technology and constructions of embodiment, identity and selves
- Performance, new media and other creative expressions:
engaging/enacting/destabilizing conventions of embodiment and technology
- Gendered innovations in technology: gendered objects, design, pasts/futures
- Technological production and control of classed, racialized, aged and gendered bodies
- Personal narrative and oral history as sources of embodied theorizing
- New Media, digital representation and virtual gendered environments
- Medicalized bodies: reproduction, disease, bioethics, body constructions
- Performing/transgressing gender and sexuality
- Technologies of development and sustainability; eco-feminism
- Activism, participatory decision-making and issues of technological citizenship

As an assemblage of people and technologies we see the conference itself as enacting the conference theme. We welcome innovative uses of technology and creative session formats, including performance and interactive presentations, as well as traditional paper presentations. We are committed to the integration of scholarship from the Arts as well as more traditional forms of scholarship and we welcome early contact by email if space and/or technology requirements might present logistical challenges.

Proposals will be reviewed and notification of the outcome will be made by October 15, 2011. We are pursuing publication outlets for selected papers from the conference. Final drafts of papers received before April 26, 2012 will be eligible for consideration. The Gender, Bodies & Technology website, online submission form, as well as the full program from the 2010 conference can be viewed at: <http://www.cpe.vt.edu/gbt/>

Please contact Sharon Elber, GBT Coordinator, Virginia Tech, selber@vt.edu

III. Call for Contributions

Call for Authors: Encyclopedia of Energy

Deadline 15 April 2011

We are inviting academic editorial contributors to a new reference work on the role of energy in society to be published by Salem Press in 2012. This comprehensive encyclopedia will be marketed and sold to high-school, college, public, and academic libraries and includes 4 volumes of approximately 600 articles.

From Alaska to China to Brazil and around the world, energy is the fuel of modern civilization. The United States alone, which constitutes 5 percent of the world's population, consumes 24 percent of the world's energy. Tracing the routes and roots of energy through history, especially since the Industrial Revolution, and explaining the current levels of energy use and production across the globe, this 4-volume encyclopedia will be the definitive reference to essential energy and power information.

We are now making new article assignments with a deadline of April 15, 2011. Each article ranges from 600 to 3500 words and is signed by the contributor. The General Editor for the encyclopedia is Dr. Morris A. Pierce, University of Rochester.

Please visit for more information: <http://shotnews.net/?p=1890>

Please contact Joseph K. Golson, Author Manager, energy@golsonmedia.com

IV. Recently Published Books

Neumaier, Christopher: Dieselaautos in Deutschland und den USA. Zum Verhältnis von Technologie, Konsum und Politik, 1949 – 2005. = Transatlantische Historische Studien, 43. Franz Steiner Verlag, Stuttgart 2010.

The author analysed the (completely different) development of diesel engines of cars in the United States and in Germany after World War II. He focused on the question how consumers made their decisions for or against those engines.

Trennheuser, Matthias M.: Die innenarchitektonische Ausstattung deutscher Passagierschiffe zwischen 1880 und 1940. Hauschild, Bremen 2010.

This book is dedicated to the interior architecture of the so-called "swimming palaces" on the Atlantic Ocean in-between 1880s and 1940s. Main emphasis is to ships from Germany; American, British and French ships are analysed, too.

V. Join ICOHTEC

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

The membership includes:

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

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