

ICOHTEC

NEWSLETTER



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N° 62, May 2010

Newsletter of the International Committee for the History of Technology ICOHTEC

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

Editorial

Dear Colleagues and Friends,

The Program Committee of our joint meeting in Tampere arranged the scientific program of the conference; the result is impressive.

In order to prepare our conference I want to publish the annual bibliography of books, published or edited by ICOHTEC members since June of last year. Could you please submit the bibliographic information of your new books and a short abstract in English (2-3 lines) until **20 June 2010**?

In Florence scholars of music discussed influences of technology on the development of music; their main focus was on the development of the opera. The conference report might be interesting for the members of ICOHTEC's research group on technology and music as well as the members of the ICOHTEC Jazz Band.

Best wishes

Yours Stefan Poser

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I. Reusing the Industrial Past

Scientific Program of the Tampere Joint Conference of ICOHTEC, TICCIH and worklab

Tuesday, 10 August 2010

14.00-17.00

Conference pre-tour

Conference pre-tour to Kangasala Visit to National Automobile and Road Museum Mobilia and countryside outside Tampere (*Separate fee, remember to sign up for the tour on the registration form*)

15.00-17.00

Meeting of the TICCIH Hydropower and Electrochemical Section (Hydropower station).

14.00-17.00

Business meetings

ICOHTEC and TICCIH boards (University main building)

18.00-20.00

Opening ceremony (University main building)

Welcoming speeches

Kranzberg lecture by Prof. Håkon With Andersen (NTNU, Norway)

Wednesday, 11 August 2010

Parallel Sessions W 1

W1 | 8:30-10:00 | UNIVERSITY OF TAMPERE, MAIN BUILDING

W1A. In or out of the Global Box? Industrial Heritage from different Perspectives I

W1B. Symposium on the Social History of Military Technology I

W1C. Playing with Technology I

W1D. Waterscape heritage I

W1E. Transformation of industrial environments: processes, tools, re-thinking I

W1F. Technology and the Environment: Energy, Society and the Environment: Big Issues and Long-run Outlines I

W1G. History of Electricity Reinterpreted at the Museums I

Session W1A | Room A1

Organiser: Nemeth G. (University of Miskolc, Hungary)

IN OR OUT OF THE GLOBAL BOX? INDUSTRIAL HERITAGE FROM DIFFERENT PERSPECTIVES I

8:30-9:00

Nisser, M. (KTH, Sweden):

New challenges for Industrial Heritage actions in a global/local context

9:00-9:30

Joshi, M. (School of Planning & Architecture, New Delhi, India):

How local is global? Cases from Asian Experience of mAAN, the modern Asian Architecture Network

9:30-10:00

Calzolaio, F. (Italy)

Global cultural frameworks for local industrial patrimony

Session W1B | Room A4

Organiser: Hacker, Barton C. (USA)

SYMPOSIUM ON THE SOCIAL HISTORY OF MILITARY TECHNOLOGY I

8:30-9:00

Hall, Bert (Canada):

Soldiers as Stereotypes: Generic Images of Soldiers in European Art, 1400-1650

9:00-9:30

Navarro-Loidi, Juan (Spain):

Mathematics and Military Formations in Spain during the Old Régime

9:30-10:00

Filgueiras, Carlos A. L. (Brazil):

Gunpowder and Military Engineering in mid-18th-Century Brazil

Session W 1C | Room C5

Organiser: Braun H. J. (Helmut-Schmidt University, Hamburg), Katzer, N. (German Historical Institute, Moscow, Helmut-Schmidt University, Hamburg), Poser, S. (Helmut-Schmidt University, Hamburg Germany)

PLAYING WITH TECHNOLOGY I

8:30-9:00

Schleinzer A. (RWTH-Aachen, Germany):

Playing with Technologies –

The Discursive Construction of Technical Toys in Early 20th Century Germany

9:00-9:30

Alcorn A. (Case Western Reserve University, USA)

Technological Play as Anamnesis: Model Airplanes and the Business of Memory in Postwar America

9:30-10:00

Van Lente D. (Erasmus University Rotterdam, The Netherlands):
*The romance of technology in the Cold War era:
Leonard de Vries and his Hobby Clubs, 1947--1966*

Session W 1D | Room C6 Chair: Tba.
WATERSCAPE HERITAGE I

8:30-9:00

Werkowski J. (Poland):
Bridging to the future: reusing the relics of destroyed bridges over Odra river.

9:00-9:30

Tempel N. (Germany): *Reshaping a Waterscape Heritage*

9:30-10:00

Pahl, B. (Germany):
The Karl-Heine-Kanal, Plagwitz, City of Leipzig, Germany. The reuse of industrial environments

Session W1E | Room C8

Chair: Tba.

TRANSFORMATION OF INDUSTRIAL ENVIRONMENTS: PROCESSES, TOOLS, RE-
THINKING I

8:30-9:00

Pinkepank H. (Germany):
*Industrial Cultural Landscape Montane Region Ore Mountain on the way to UNESCO -
Public Participation and Community Involvement*

9:00-9:30

Sivula A. (University of Turku, Finland):
A Knot in the Action Network - Pori Cotton Factory as Cultural Heritage Process

9:30-10:00

Cheng M.T. Fu C.C. (National Cheng Kung University, Taiwan):
*From Breweries to Creative & Cultural Parks – The Challenge and Potentialities of Industry
Heritage in Taiwan*

Session W1F | Room C9

Organiser: Timo Myllyntaus (University of Turku, Finland)

TECHNOLOGY AND THE ENVIRONMENT:

ENERGY, SOCIETY AND THE ENVIRONMENT: BIG ISSUES AND LONG-RUN OUTLINES

I

8:30-9:00

Rubio M. (Spain):
Greenhouse Gas Emissions in Latin America and the Caribbean over 150 Years

9:00-9:30

Ginrich S., Kuskova P. & Steinberger J.:

Long-term Changes in CO₂-Emissions in Austria and Czechoslovakia – Identifying the Drivers of Environmental Pressures

9:30-10:00

Kunnas, J. (Finland):

Does History Offer Hope that We Can Reduce the Risk of Global Warming?

Session W1G | Room A05

Organiser & chair: Kimmo Antila (Finland)

HISTORY OF ELECTRICITY REINTEPRETETED AT THE MUSEUMS I

8:30-9:00

Kimmo Antila (Museum Centre Vapriikki, Finland):

Global and Local Perspectives in the History of Electrification

9:00-9:30

Dag Andreassen (Norwegian museum of Technology, Norway):

Energy issues between history and future. Plans for a new exhibition on energy, electrification and climate change

9:30-10:00

Aimo Minkkinen (The Lenin Museum, Finland):

Lenin's electrification plan and the Lenin Museum

10.00-10.30. Coffee break

Wednesday, 11 August 2010

Parallel Sessions W2

10:30-12:00, UNIVERSITY OF TAMPERE, MAIN BUILDING

W2A. In or out of the Global Box? Industrial Heritage from different Perspectives II

W2B. Governing the Workplace: Technologies, Spaces, and Workers' Bodies in Industrial History

W2C. Playing with Technology II

W2D. Railway Heritage. Between Using, Reusing and Preserving I

W2E. Brownfields: the Legacy we don't Like, But we Have to Deal With

W2F. Technology and the Environment II: Tensions and Resistance to Energy Policy

W2G. History of Electricity Reintepreteted at the Museums II

W2H. Northern Communities and Global Competition in a Changing World

Session W2A | Room A1

Organiser: Nemeth G. (Hungary)

IN OR OUT OF THE GLOBAL BOX? INDUSTRIAL HERITAGE FROM DIFFERENT PERSPECTIVES, II

10:30-11:00

Christensen L.K. (Denmark):

Producing society – Fordism and Social Democracy in Denmark, 1919-39

11:00-11:30

Gyuricza V. (Belgium):

Transfer of remediation technologies between the West and the East

11:30-12:00

Af Geijerstam J (Sweden):

Cleansing and forgetfulness of a global past

Session W2B | Room A4

Organiser: Lars Bluma (Ruhr-Universität Bochum, Germany)

GOVERNING THE WORKPLACE: TECHNOLOGIES, SPACES, AND WORKERS' BODIES
IN INDUSTRIAL HISTORY

10:30-11:00

Uhl K. (Darmstadt University of Technology, Germany):

Humanizing the rational factory: Industrial engineers, workers, and the spatial order of power in Germany, 1900-

11:00-11:30

Luks T. (Technische Universität Chemnitz, Germany):

The Factory as „Environment“. Social Engineering and the „Ecology“ of Industrial Workplaces in the First Half of the Twentieth Century

11:30-12:00

Bluma L. (Ruhr-Universität Bochum, Germany):

Governing the miner's body: Technology, health and workplace in the mining industry of the German empire

12:00-12:30

Fitzgerald G.J. (New York University, USA):

Fatigue and the Textile Mill Experience in the American South

Session W2C | Room C5

Organiser: Braun H. J. (Helmut-Schmidt University, Hamburg), Katzer N. (German Historical Institute, Moscow, Helmut-Schmidt University, Hamburg), Poser, S. (Helmut-Schmidt University, Hamburg, Germany)

PLAYING WITH TECHNOLOGY II

10:30-11:00

Katzer N. (German Historical Institute, Moscow, Helmut Schmidt University, Hamburg):

Sports in the Soviet Union

11:00-11:30

Poser S. (Helmut Schmidt-University, Hamburg, Germany):

Evaluating Technology-Based Joy. Swimming and the Heating Question of Pools in 1960s Germany

11:30-12:00

Alexander J. (University of Minnesota, USA):

Spectacle: Bodies under study and bodies on display from the mid-20th to the early 21st centuries

Session W2D | Room C6

Organiser: Dinhobl, G. (ÖBB-Infrastruktur AG, Austria)

RAILWAY HERITAGE. BETWEEN USING, REUSING AND PRESERVING I

10:30-11:00

Dinhobl G. (ÖBB-Infrastruktur AG, Austria):

Railway heritage between using, reusing and preserving

11:00-11:30

Cotte M. (University of Nantes, France):

The world heritage convention and the heritage of technology and science

11:30-12:00

Haehnel B. (Südbahnmuseum, Austria)

Panorama views of UNESCO world heritage Semmeringbahn

Session W2E | Room C8

Chair: tba

BROWNFIELDS: THE LEGACY WE DON'T LIKE, BUT WE HAVE TO DEAL WITH

10:30-11:00

Peters A., Defechereux O.

(Université de Liege - Centre d'Histoire des Sciences et Techniques):

The development of zinc industry in the 19th century Belgium - historical and today's debates concerning

11:00-11:30

Defechereux O., Peters A. (Université de Liege - Centre d'Histoire des Sciences et Techniques):

Soil remediation in former industrial sites in the light of industrial history: experiences and methodology in the Walloon

11:30-12:00

Vasquez A.R., Ruffinoni M.R. (University of Sao Paulo, Brazil):

The Legacy of industrial de-concentration process and the brownfield's formation in the city of São Paulo (Brazil)

12:00-12:30

Thoren R. (University of Oregon, USA):

Leveraging brownfields for blue rivers and green communities: Post-industrial visions for the Lower Duwamish

Session W2F | Room C9

Organiser: Timo Myllyntaus

TECHNOLOGY AND THE ENVIRONMENT II: TENSIONS AND RESISTANCE TO ENERGY POLICY

10:30-11:00

Barca S. (University of Coimbra, Portugal):
Energy, Property, and the Industrial Revolution Narrative

11:00-11:30

Boddy J.:
Indigenous Encounters with the Nuclear Industry: Public Comment Testimony at the United States Advisory Committee on Human Radiation Experiments

11:30-12:00

Araposthathis S, Tsaglioti F., Vlantou K., Margaris I.D., Aggelopoulou V, Tympas A.
(Greece):
Power and resistance from nuclear plants to wind parks: A history of the Greek experience

Session W2G | Room A05

Organiser: Kimmo Antila (Finland)

HISTORY OF ELECTRICITY REINTERPRETED AT THE MUSEUMS II

10:30-11:00

Kimmo Kyllönen (Elektra Electricity Museum, Finland):
Making the history of electricity easily approachable

11:00-11:30

Jytte Thorndahl (Danish Museum of Electricity, Denmark):
Presenting electricity to the public

11:30-12:00

Ivana Zoric (Nikola Tesla Museum, Serbia):
Implementation of information technologies in Nikola Tesla Museum and its implications

Session W2H | Room A06

Organiser: Hanna Snellman (University of Jyväskylä)

NORTHERN COMMUNITIES AND GLOBAL COMPETITION IN A CHANGING WORLD

10:30-11:00

Harpelle R.N (Lakehead University, Canada):
All That is Sold Melts into Trees? Feuerbach, Faust, and Forestry in Northern

11:00-11:30

Beaulieu M.S. (Lakehead University, Canada):
Where in the world do we go from here?

11:30-12:00

Snellman H. (University of Jyväskylä, Finland):
The Green Belt Undone

12:00-12:30

Meriläinen-Hyvärinen A. (University of Oulu, Finland):
Past, Present and Future: Industrial Future of the Talvivaara Mine?

11.30-13.30. Lunch available

13.30.-14.30. Keynote speeches (University Main Auditorium).
Dr. Anna Storm and Prof. Patrick Martin

Wednesday, 11 August 2010

Parallel Sessions

Wednesday afternoon sessions W3

15:00-17:00, UNIVERSITY OF TAMPERE, MAIN BUILDING

W 3 A: INDUSTRIAL TOWNS, COMMUNITIES AND HOUSING:

AREAS OF INEQUALITY OR UTOPIAN DWELLINGS

W 3 B: SYMPOSIUM ON THE SOCIAL HISTORY OF MILITARY TECHNOLOGY II

W 3 C: PLAYING WITH TECHNOLOGY III

W 3 D: RAILWAY HERITAGE. BETWEEN USING, REUSING AND PRESERVING II

W 3 E: VALUES AND MEANINGS IN URBAN INDUSTRIAL HERITAGE

W 3 F: TRACES OF ENERGY I

W 3 G: GENDER, INDUSTRY AND TECHNOLOGY

W 3 H: COMMUNITIES OF OCCUPATION OR FAITH

W 3 I: TECHNOLOGIES OF OIL AND GAS I

Session W3A | A1

INDUSTRIAL TOWNS, COMMUNITIES AND HOUSING:

AREAS OF INEQUALITY OR UTOPIAN DWELLINGS

15:00-15:30

Sinerjoki E. (University of Turku):

The birth and development of the symbolic industrial landscape in Pori from 1850s

15:30-16:00

Chapin M.T. (ATELIER/Wool of Europe):

Small wool spinning mills in Europe: a lively industrial and human heritage

16.00-16.30

Rantanen K. (University of Tampere):

Nokia-case -Internationalization of a Company and Local Community

16.30-17.00

Ambrušová P. (Slovak University of Technology):

Svit, industrial town

Session W3B | Room A4

Organiser: Hacker, Barton C. (USA)

SYMPOSIUM ON THE SOCIAL HISTORY OF MILITARY TECHNOLOGY II

15:00-15:30

Buchanan B.J. (University of Bath, UK):

The Gunpowder Heritage: 'Reusing the Industrial Past'

15:30-16:00

Alfonso-Goldfarb A.M. & Ferraz M.H.M. (Pontifícia Universidade Católica de São Paulo, Brazil):

The Role of Saltpeter in Early Modern Chemistry: Historical and Historiographical Issues

16:00-16:30

Steven A. Walton (USA):

The Archaeology of American Iron and Ordnance: Tracing the Military-Iron-Industrial Complex in the U.S., 1800-1845

Session W3C | Room C5

Organiser: Organiser: Braun H. J. (Helmut-Schmidt University, Hamburg), Katzer N. (German Historical Institute, Moscow), Poser, S. (Helmut-Schmidt University, Hamburg Germany)

PLAYING WITH TECHNOLOGY III

15:00-15:30

Pursell C. (Australian National University in Canberra, Australia):

The rational playground in America

15:30-16:00

Williams J.C. (De Anza College, Cupertino, USA):

Sailing as Play: A Case in Technological Possibilism

16.00-16.30

Braun H.J.(Helmut Schmidt-Universität Hamburg):

Cybernetics Soccer? Soccer Training and Tactics in Eastern Europe in the 1960s.

16.30-17.00

Lee, R.E. (Smithsonian National Air and Space Museum):

OLC, the Internet Competition for Sport Sailplane Pilots

Session W3D | Room C6

Organiser: Dinhobl, G. (ÖBB-Infrastruktur AG, Austria)

RAILWAY HERITAGE. BETWEEN USING, REUSING AND PRESERVING II

15:00-15:30

Polino M-N.V (French Railway Historical Society, France):

Call for a global inventory of railway heritage

15:30-16:00

Cuéllar Villar D. (FFE/Autonomous University of Madrid, Spain):

An invisible heritage? Railway towns in Spain and their enhancement

16.00-16.30

Rubalcava J.L.G. (Autonomous University of Aguascalientes, Mexico):

Ratings, broadcasting and rescue of industrial heritage: recovery and adaptation of the rail heritage in Aguascalientes, Mexico

16.30-17.00

Haefliger T.:

Preserving and shaping. Preservation of historic railway buildings at Swiss Federal Railways

Session W3E | Room C8

Organisers: The Finnish Society for Urban Studies,

Tanja Vahtikari and Anja Kervanto Nevanlinna

VALUES AND MEANINGS IN URBAN INDUSTRIAL HERITAGE

15:00-15:30

Vahtikari T. (University of Tampere):

Industrial Past in the World Heritage Valuation of Historic Cities

15.30-16.00

Lähteenmäki M. (University of Helsinki):

The Industrial Landscape of Verkatehdas Textile Mill Site in Tampere

16.00-16.30

Hipeli M. (Alvar Aalto Foundation and Museum):

Modernism as National Phenomenon in the Sunila Industrial Community

16.30-17.00

Kervanto Nevanlinna A. (University of Helsinki):

The Use of History in Preservation Politics

Session W3F | Room C9

TRACES OF ENERGY I

15:00-15:30

Ebert W. (Germany):

Santralistanbul - Re-using an Electric Powerplant at Istanbul, Turkey

15:30-16:00

Pirvola I. (University of Turku, Finland):

Power Plant as Part of the Helsinki Urban Environment

16.00-16.30

Bestue I. (Fundación Juanelo Turriano, Spain):

Hydroelectric Falls

16.30-17.00

Hunter M. (Li Saltzman Architects, USA):

Waterworks Heritage: Adaptive Use Challenges and Opportunities

Session W3G | Room A05

Chair: Tba

GENDER, INDUSTRY AND TECHNOLOGY

15:00-15:30

Crocker P. (The Norwegian Canning Museum):

Gender in the Norwegian Canning Industry: Norms and Exceptions

15:30-16:00

Koskinen-Koivisto E. (University of Jyväskylä, Finland):

"You need to learn what they mean" – Construction of Gender and Social Dynamics in Humorous Stories of a Female Factory Worker

16.00-16.30

Hytönen K-M.(University of Jyväskylä):

Oral history of gender relations in Finnish factories of the 1940s

16.30-17.00

Försti T. (University of Turku):

The Romance of the Motorcar. Reusing the concept of gender and technology in the Finnish media.

Session W3H | Room A06

Chair: Tba

COMMUNITIES OF OCCUPATION OR FAITH

15:00-15:30

Kotval Z., Mullin J.R. (Michigan State University, USA):

Perspectives on the Place of Industry in the Early New England Puritan Community: The Planting of Old Seeds in the New World

15:30-16:00

von Lünen A. (Geog. Dept., University of Portsmouth, UK):

The strike-force of Industrialization: Early trade unions, artisans and the diffusion of technology in nineteenth century England

16.00-16.30

Ylijoki J. (JY Consulting Oy, Finland):

The Hessian glassblowers of Björknäs in 1736 – 1741. Part of the Finnish glass history

16.30-17.00

Kesküla E. (Kohtla-Järve Museum of Oil Shale, Estonia):

Camaraderie and swindling among Estonian mine workers in different political regime

Session W3I | Room A07

Chair: Tba

TECHNOLOGIES OF OIL AND GAS I

15:00-15:30

Lokshina A., Shammazov I. (EASTECOIL/Ufa State Petroleum Technological University, Russia):

Evolution of the technologies and technical means for the development of the Russian northern offshore fields

15:30-16:00

Mastobaev B., Shammazov I. (Ufa State Petroleum Technological University, Russia):

Influence of the economic, political and social factors on the development of the Russian offshore arctic fields

16.00-16.30

Movsum-zade N., Karaev A.E. (Institute of cybernetics, Azerbaijan):

Recording and inspection for gas and oil industry – the stages of development in XIX-XX centuries

16.30-17.00

Movsumzade E., Poletaeva O.Yu. (Ufa State Petroleum Technological University, Russia):

Stages of the development of oil refining industry

Thursday, 12 August 2010

Parallel Sessions T 1

T1 | 8:30-10:00, UNIVERSITY OF TAMPERE, MAIN BUILDING

T1A. In or out of the Global Box? Industrial Heritage from different Perspectives, III

T1B. Symposium on the Social History of Military Technology III

T1C. Valuation and Reuse I

T1D. Railway Heritage. Between Using, Reusing and Preserving III

T1E. Transformation of industrial environments: processes, tools, re-thinking II

T1F. Traces of Energy II

T1G. Digital Uses for Museology: A New Way to Describe Technical and Industrial Heritage

T1H. Business, Industry and Technology I

T1I. Waterscape heritage II

T1J. Industrial Nuisances at Work : Old Hazards, New Approaches, 18th-20th C.

T1K. Workshop on UNESCO's World Heritage and monuments from The Workers' Movement

Session T1A | Room A1

Organiser: Németh G. (University of Miskolc, Institute of History, Hungary)

IN OR OUT OF THE GLOBAL BOX? INDUSTRIAL HERITAGE FROM DIFFERENT PERSPECTIVES, III

8:30-9:00

Lagerqvist B. (Dept of Conservation, University of Gothenburg, Sweden):

The Production of Industrial Heritage and the Heritage in Industrial Production

9:00-9:30

Lin H-W. (Department of Architecture, Chung Yuan Christian University, Taiwan):

Local cultural museum as an interpretation for the conservation of industrial heritage - An application on Jyy-Liau-Uo Paper Village in Taiwan

9:30-10:00

Dorel-Ferré G. (University of Reims, France):

The Workers Housing Heritage in France: A Synthesis

Session T1B | Room A4

Organiser: Hacker, Barton C. (USA)

SYMPOSIUM ON THE SOCIAL HISTORY OF MILITARY TECHNOLOGY III**8:30-9:00**

Heitz, Jesse A. (USA):

British Naval and Social Reaction to Union Production and Deployment of Ironclads during the American Civil War

9:00-9:30

Paoletti, Ciro (Italy):

Introducing Torpedoes in the Italian Royal Navy

9:30-10:00

Hevly, Bruce (USA):

Making Civilian Marksmen: DuPont and the Federal Mandate to Shoot in the United States

Session T1C | Room C5

Organiser: Tuija-Liisa Soininen (Pirkanmaa Provincial Museum, Finland)

Chair: Massimo Negri (European Museum Academy, The Netherlands)

VALUATION AND REUSE I**8:30-9:00**

Järvi M. (City of Tampere, Finland):

Tammerkoski industrial reuses

9:00-9:30

Linnanmäki S. (National Board of Antiquities, Finland):

Architectural and Historical Values of the Technical Services in the Reuse of Industrial Buildings

9:30-10:00

Lähdesmäki U & Adel V. (Pirkanmaa Provincial Museum, Finland):

Archaeological approach to Reusing Industrial Past. Discussing the valuation of the 19th century pulp factory remain by the Tammerkoski rapids

Session T1D | Room C6

Organiser: Dinhobl, G. (ÖBB-Infrastruktur AG, Austria)

RAILWAY HERITAGE. BETWEEN USING, REUSING AND PRESERVING III**8:30-9:00**

Berinde A. (S.C. RC - CF TRANS S.R.L., Romania):

Oravita – Anina mountain railway – a symbol of the industrial revolution

9:00-9:30

Bellu R. (Romania): Romania's forestry railways network and its revival

9:30-10:00

De Oliveira, E.R. (Brasil) Railway museums in the state of Sao Paulo, Brasil

Session T1E | Room C8

Chair: TBA

TRANSFORMATION OF INDUSTRIAL ENVIRONMENTS: PROCESSES, TOOLS, RE-THINKING II

8:30-9:00

Ferrer Forés J.J. (Universitat Politècnica de Catalunya, Spain):
Revitalizing urban industrial heritage

9:00-9:30

Vasquez A.R. & Rufinoni M.R. (Federal University of São Paulo, UNIFESP, Brazil):
Urban industrial heritage and contemporary city: creating dialogues between preservation, development and urban planning

9:30-10:00

Campagnol G. (Texas A&M University, USA):
Bitter/Sweet: Case Studies in Transformation of Sugar Space in Brazil

Session T1F | Room C9

Chair: Tba

TRACES OF ENERGY II

8:30-9:00

Mäki M. (University of Turku, Finland):
Perspectives to industrial heritage – Observations on the documentation project of Hanasaari A power plant in Helsinki

9:00-9:30

Donhauser P. (Vienna Museum of Technology, Austria):
Radio transmitter stations of the 1930ties as industrial heritage

9:30-10:00

Ishida S., Tanaka K. & Suzuki T. Aichi (Prefectural Toyohashi Technical High School, Japan): History of Japan's VLF Radio Communication Technology and its Industrial Heritage

Session T1G | Room A05

Organiser: Laroche F. (Ecole Centrale de Nantes / IRCCyN, France)

Digital Uses for Museology: A New Way to Describe Technical and Industrial Heritage

8:30-9:00

Laroche F. & Kerouanton J-L (Université de Nantes, France):
Advanced Industrial Archaeology and Virtual Museography

9:00-9:30

Honda Y. (Kumamoto University, Japan):
An Application of 3D Topographical Map to Estimation and Reproduction of Old River Pass

9:30-10:00

Kerouanton J-L., Laroche F. (Ecole Centrale de Nantes / IRCCyN, France):
Modeling, SIG, History of the techniques, inheritance and shipbuilding: La Ciotat

Session T1H | Room A07

Chair: Tba

BUSINESS, INDUSTRY AND TECHNOLOGY I

8:30-9:00

Kämäräinen A. (University of Turku, Finland):

What happened to the Lohja lime and cement industry?

9:00-9:30

Bauer R. (Helmut Schmidt Universität der Bundeswehr Hamburg, Germany):

“Reusing” a technical concept: The "DKW-Design" as Leitbild (model) for the Auto Union AG and its West- as well as East-German successors

9:30-10:00

Hulak J. (National Technical Museum, Prague, Czech Republic):

Designer, Manufacturing and Czech Industrial Design Development

Session T1I | Room A08

Chair: Tba

WATERSCAPE HERITAGE II

8:30-9:00

Mauranen K. (Imperial College London, UK):

The Portsmouth Panopticon: The Block Mills and a reinterpretation of the British navy's industrial revolution

9:00-9:30

Warsewa G. (University of Bremen; Institute Labour and Economy, Germany):

Local Culture and the Re-Invention of Port-Cities

9:30-10:00

Ala-Pöllänen A. (University of Helsinki, Finland):

Maritime industrial heritage and urban culture

Session T1J | Room A09

Organiser: Rainhorn J. (Université de Valenciennes)

INDUSTRIAL NUISANCES AT WORK: OLD HAZARDS, NEW APPROACHES, 18TH-20TH C.

8:30-9:00

Judith Rainhorn (Université de Valenciennes, Lille-Nord de France) and Marie Thébaud-Sorger (University of Warwick, U-K):

"Introduction. Re-examining industrial nuisances at work on a long time scale"

9:00-9:30

Thomas Le Roux (CNRS, EHESS, France):

"Machinery and health at work (France and Europe, 1750-1900): integrating risk and occupational diseases in the industrial heritage"

9:30-10:00

Judith RAINHORN (Université de Valenciennes, Lille-Nord de France):

"The brush and the test tube. The layman's and the doctor's knowledge about occupational lead poisoning (end of 19th c.-1920s)"

10:00-10:30

Florence Hachez-Leroy (Université d'Artois, France) :
"The food industry at the risk of the new materials"

Workshop T1K | Workers house (please note the place)

Chair: TBA

WORKSHOP ON UNESCO'S WORLD HERITAGE AND MONUMENTS
FROM THE WORKERS' MOVEMENT

8:30-9:00 (incl. coffee at the Workers house)

Peter Ludvigsen (Denmark):

UNESCO's World Heritage and monuments from The Workers' Movement.

Hendrik Defoort (UNESCO World heritage Site Völklingen Ironworks, Germany):

The 'Belgian Model' in International Socialism prior to 1914

Reiner Watermann:

People's house co-operative – a frequent type of house ownership for assembly halls in the region of Chemnitz in Saxony

10.00-10.30 Coffee break**Thursday, 12 August 2010****Parallel Sessions**

Thursday morning sessions T2

10:30-12:00, UNIVERSITY OF TAMPERE, MAIN BUILDING

T2A. In or out of the Global Box? Industrial Heritage from different Perspectives, IV

T2B. Symposium on the Social History of Military Technology IV

T2C. Valuation and Reuse II

T2D. Railway Heritage. Between Using, Reusing and Preserving IV

T2E. Reusing Historical Knowledge and Artifacts of ICT

T2F. Technology and the Environment III: Public Reactions on Nuclear Power

T2G. Digital Uses for Museology: A New Way to Describe Technical and Industrial Heritage
II

T2H. Industry and Continuity

T2I. Business, Industry and Technology II

T2J. Waterscape heritage III

T2K. Machines and Machineries in Music Industry

T2L Workshop on UNESCO's World Heritage and Monuments from The Workers' Movement
II

Session T2A | Room A1

Organiser: Németh G. (University of Miskolc, Institute of History, Hungary)
In or out of the Global Box? Industrial Heritage from different Perspectives, IV

10:30-11:00

Dremaite M. (Vilnius University, Lithuania):
Industrial Heritage in the Rural Country: Growing Concerns and Re-use Practice in Lithuania

11.00-11:30

Tufegdžić A. (Department of Architecture, University of Novi Sad Serbia):
Industrial heritage regeneration in a transition society: Old industrial areas in Serbia

11.30-12:00

Németh G. (University of Miskolc, Institute of History, Hungary):
Twentieth-century industrial heritage in a Central and Eastern European context

Session T2B | Room A4

Organiser: Hacker, B. (USA)
Symposium on the Social History of Military Technology IV

10:30-11:00

Bergman, Yoel (Israel):
Paul Vieille, Cordite, and Ballistite: Further Analysis

11.00-11:30

Lotysz. Slawomir (Poland):
Make Peace, Not Vests: Zeglen's Silk Bulletproof Armor and Its Real Opponents

11.30-12:00

Burke, Laurence (USA)
Promise of Great Military Value in the Perfected Apparatus': The US Army and Langley's Aerodrome

Session T2C | Room C5

Organiser: Tuija-Liisa Soininen (Pirkanmaa Provincial Museum, Finland)
Chair: Massimo Negri (European Museum Academy, The Netherlands)
VALUATION AND REUSE II

10:30-11:00

M. Watson (Historic Scotland):
Cotton mill cities and power canals in Scotland, Finland, Estonia and America

11.00-11:30

Leus M. (University College Antwerp, Department of Design Sciences, Belgium):
Reuse concepts and models as instruments for industrial heritage regeneration

11.30-12:00

Stelbiene A. (Centre of Architecture, Lithuania):
Emphasis on Sublime of Industrial Heritage – the Best Way for Its Reuse

Session T2D | Room C6

Chair: Dinhobl G. (ÖBB-Infrastruktur AG, Austria)

RAILWAY HERITAGE. BETWEEN USING, REUSING AND PRESERVING IV

10:30-11:00

Pugina L.V. (Moscow State Railway Engineering University)

The Wheel and Rail Interaction

11.00-11:30

Hong A.C. & Wanik Che Mat (Public Works Department of Malaysia):

Transformation of Penang Hill Funicular System - Challenges of an Industrial Heritage

11:30-12:00

J. Strecha (Director of the Railway Museum of National Technical Museum)

Session T2E | Room C8

Organiser: Suominen J & Paju, Petri (University of Turku, Finland)

Reusing Historical Knowledge and Artifacts of ICT

10:30-11:00

Paju P.(University of Turku):

IBM histories – re-using IT knowledge and the art of forgetting

11.00-11:30

Smiley G. (University of Turku):

Towards understanding company history as

11.30-12:00

Suominen J. (University of Turku):

Mario's Legacies: Uses of console gaming history

Session T2F | Room C9

Organiser: Myllyntaus, Timo (University of Turku, Finland)

Technology and the Environment III: Public Reactions on Nuclear Power

10:30-11:00

Haavisto M. (University of Turku):

Ecological Arguments in the 1993 – 2002 Press Debate on the 5th Finnish Nuclear Fission Reactor

11.00-11:30

Kojo M. (University of Turku):

Not Excluding Nuclear Power: The Dynamics and Stability of Nuclear Power Policy Arrangements in Finland

11.30-12:00

Shears N. (University of Turku):

Striking Common Ground: Local Reactions to Uranium Drilling and Nuclear Technology in Finland

Session T2G | Room A05

Organiser: Laroche F. (Ecole Centrale de Nantes / IRCCyN, France)
DIGITAL USES FOR MUSEOLOGY: A NEW WAY TO DESCRIBE
TECHNICAL AND INDUSTRIAL HERITAGE II

10:30-11:00

Michel A.P. (Evry University, France):

A Virtual Workshop to document industrial history and enhance the patrimonial value of lost vestiges

11.00-11:30

Pujol Tost L. & Papageorgiou C. (University of the Aegean / Museum of Natural Sciences - Petrified Forest of Lesbos):

New technologies inside industrial museums: Greece examples

11.30-12:00

Dube P. or Laroche F. or Kerouanton J-L :

Session chairmans proposal and animation roundtable at the end of the session.

Session T2H | Room A06

INDUSTRY AND CONTINUITY

10:30-11:00

Olympitou E. (Ionian University, Greece):

A pre-industrial production space of continuous operation: Patounis soap manufacture in Corfu (Greece)

11.00-11:30

Helerea E. & Olteanu F & Petrisor S.M. (Transilvania University of Brasov, Romania):

Industrialization and Deindustrialization in Tara Fagarasului/Fagaras County/ in the Complex Historical Period 1989/1990.

11.30-12:00

Liviu S. (Romania): Relevant "Techno-logized landscapes" in Carpathean-Danubean-Ponthean Space/Romania.

Session T2I | Room A07

Chair: Tba

BUSINESS, INDUSTRY AND TECHNOLOGY II

10:30-11:00

Piha O. (Aalto University, School of Science and Technology):

How a small family foundry became the global Foundry Group

11.00-11:30

Lewis C. (Smithsonian National Air and Space Museum. USA):

Propellers and Women's' Undergarments on the Moon: Tales of Two Industries Adjusting to the Modern World

11.30-12:00

Santos S.B. (1C.I.T.A.R. – Research Centre for Science and Technology in Art, Portuguese Catholic University):

The diffusion of modern red pigments during the 19th century: Analysis of Portuguese technical literature

Session T2J | Room A08

Chair: Tba

Waterscape Heritage III

10:30-11:00

Wang J. & Zhang J. (Chinese Academy of Culture Heritage):

Industrial Memories in Taku Shipyard in Tianjin

11.00-11:30

Suarez Menendez G. (University of Oviedo, Spain):

Industrial Heritage of the Ria of Avilés. Heritage at risk?

11.30-12:00

Nynäs H. (Norwegian Water resources and energy directorate, Norway):

From natural wonder to cultural monument – a story of waterfall aesthetics

Session T2K | Room A09

Organisers and Chairs: P. Grönholm and K. Kärki

Machines and Machineries in Music Industry

10:30-11:00

P. Grönholm (University of Turku, Finland)

Kraftwerk – a Band of Men and Machines

11.00-11.30

K. Kärki (University of Turku, Finland)

Circulating Technology in Stadium Scale Rock Entertainment

11.30-12:00

P. Kuljuntausta (Finland)

Is the Brave New World of Digital Music coming to its end?

12:00-12:30

J. Richardson (University of Helsinki)

Back to the Garden? Techno-Subjectivity and Nu-Folk John Richardson

Workshop T2L | Workers house (please note the place)

Chair: TBA

WORKSHOP ON UNESCO'S WORLD HERITAGE AND MONUMENTS FROM THE WORKERS' MOVEMENT II

10:30-14:00 (incl. lunch at the Workers house)

Papers & discussion

Anke Hoffsten: Aspects of Volkshaus architecture in Germany between 1890 and 1933

Holger Gorr:

“Volkshaeuser” in Germany

Nick Mansfield:

Red Bricks: Labour movement buildings in the UK

12.00-13.00 Lunch break

13.00-14.00 Keynote lectures:

Professor Pertti Haapala (University of Tampere) and
Director, Dr. of technology Kari Kankaala

14.00

Departure to excursions, three options:

1. MODERN TECHNOLOGY

The aim of this excursion is to present the transformation from the smoke stack industry to modern high technology with examples from machinery industry and also information and communication industry

Visits to:

Metso Minerals, Lokomo plant

ROViR – Remote Operation and Virtual Reality Centre

Technology Centre Hermia and an introduction of Nokia Innovation Centre

Tickets are reserved on a first come, first served basis, the maximum number of participants for this excursion is 100.

2. INDUSTRIAL HERITAGE

The aim of this excursion is to introduce a case study of a currently transforming industrial plant, some interesting re-use cases and an unique workers housing area Pispala with shot tower.

Visits to:

Kalmar Industries, Härmälä Plant

Pispala district

On the way we will also pass by and hear presentations on the former Klingendahl weavery and Onkiniemi area, the site of a former sock factory and a former Haarla paper factory

Please note, that a part of the tour in Pispala will be on foot, make sure you wear comfortable shoes.

Tickets are reserved on a first come, first served basis, the maximum number of participants for this excursion is 200.

3. TOUR FOR MUSEUM PROFESSIONALS

This tour is designed for museum professionals who are interested in practical issues of museum work.

Visits to

The Tampere City Museum Collection Centre

The National Police Museum.

Tickets are reserved on a first come, first served basis, the maximum number of participants for this excursion is 50.

Friday, 13 August 2010

Parallel Sessions

Friday morning sessions F1

8:30-10:00, THE FINLAYSON AREA

F1A. Learning at the Industrial Museums

F1B. Symposium on the Social History of Military Technology V

F1C. Perspectives on Labour History

F1D. Scientific Processes and Industrial Products I

F1E. Technology and the Environment IV: Household Energy Consumption and Environment in the 20th Century

F1F. Mining heritage I

F1G. Inventors, Entrepreneurs, and Technological Development

F1H. Transformation of industrial environments: processes, tools, re-thinking III

Session F1A | Room Werstas auditorium

Chair: TBA

LEARNING AT THE INDUSTRIAL MUSEUMS

8:30-9:00

Rita Müller (Saxon Museum of Industry Chemnitz, Germany):

New Perspectives for exhibiting industrial heritage in German Museums

9:00-9:30

Leenu Juurola (Museum of Technology, Finland):

InnoApaja: Innovative learning at the Museum of Technology

9:30-10:00

Hanna Yli-Hinkkala (Finnish Labour Museum Werstas, Finland):

Finlayson Area as an Example of Using Industrial Heritage in Museum Education

Session F1B | Vooninki Hall

Organiser: Barton C. Hacker

SYMPOSIUM ON THE SOCIAL HISTORY OF MILITARY TECHNOLOGY V

8:30-9:00

Fedunki, Marianne P. (Canada):

Serving in Serbia during World War I: Volunteer Women's Hospitals and Adaptations for Field Healthcare

9:00-9:30

Larrabee, Jeffrey (USA):

Memory and Myth - Remembering the Ford Ambulance in World War One

9:30-10:00

Hacker, Barton C. (USA):

Painting War, Painting Industry: Industrial War and a New Kind of War Art

Session F1C | Bertell Hall

Chair: Tba

PERSPECTIVES ON LABOUR HISTORY

8:30-9:00

Kift, Dagmar:

Brass bands and beat bands. Exhibiting 20th century mining culture and regional identity.

9:00-9:30

Grelle, Henning:

Danish Cooperative Movement 1871-2012

9:30-10:00

Jaskari, Ulla (Finnish Labour Museum Werstas, Finland)

The industrial pictures in the Finnish art

Session F1D | Kisälli Hall

Chair: Sampsa Kaataja (University of Tampere)

Scientific Processes and Industrial Products I

8:30-9:00

Stranges A. (Texas A&M University, USA):

The Breadth of a Scientific Process

9:00-9:30

Nykänen P. (Aalto University, Finland):

The contact between Science, Industry and the Society in Finland

Session F1E | Kehräämö Hall

Organiser: Timo Myllyntaus (University of Turku)

TECHNOLOGY AND THE ENVIRONMENT IV: HOUSEHOLD ENERGY CONSUMPTION AND ENVIRONMENT IN THE 20TH CENTURY

8:30-9:00

Möllers N. (Deutsches Museum, Germany):
Exposing the Modern World: German Household Exhibitions and their Impact on Energy Consumption and Environment, 1920-1960

9:00-9:30

Gerber S. (Deutsches Museum, Germany):
Is there an Eco-script? Kitchen Appliances and Inscribed Sustainability

9:30-10:00

Lorkowski N. (Deutsches Museum, Germany):
“Do Not Wash on Mondays and Don’t Prewash”: How-to-Do-Literature on Energy Consumption in the Private

Session F1F | Kutomo Hall

Chair: Tba
MINING HERITAGE I

8:30-9:00

Steiner M. (Germany):
Understanding Industrial Landscapes in East-Germany

9:00-9:30

Prigopoulos T. (Greece):
A monument of mining industrial heritage of north Greece, in search of its international meaning – the mining complex of Kirki

9:30-10:00

Kralova E. & Ambrušova P./Borikova P. (Faculty of Architecture Slovak University of Technology, Slovakia):
From Fragments of Early Industrial Copper Factory to the Geo-Montanic Industrial Park

Session F1G | Room A05

Chair: Tba
INVENTORS, ENTREPRENEURS, AND TECHNOLOGICAL DEVELOPMENT

8:30-9:00

Beneki H. (Ionian University (Greece):
A captain’s transition from sail to steam in the late 19th century

9:00-9:30

Carlson W.B. (University of Virginia, USA):
Tesla, Marconi, de Forest, and the Race to Develop Wireless Telegraphy

Session F1H

Chair: Tba
TRANSFORMATION OF INDUSTRIAL ENVIRONMENTS: PROCESSES, TOOLS, RE-THINKING III

8:30-9:00

Santos E. & Matos M.C. (Polytechnic Institute of Setubal, Portugal):
Reuse of industrial spaces in the South bank of river Tagus' estuary

9:00-9:30

Symonds J. (ArcHeritage & University of Oulu, Finland/UK):
Industrial archaeologies and urban regeneration: a view from Steel City, Sheffield, UK

9:30-10:00

Hällström J. (Lund University, Sweden):
Use and Transformation of European Industrial Culturescapes

10.00-10.30 Coffee break**Friday, 13 August 2010****Parallel Sessions****Friday morning sessions F2****10:30-12:30, THE FINLAYSON AREA**

F2 A. Museums and their Audiences

F2 B. Symposium on the Social History of Military Technology VI

F2 C. Industrial Heritage Education

F2 D. Scientific Processes and Industrial Products II

F2 E. Technology and the Environment IV: Cases Studies on Building up National Energy Supply

F2 F. Inventors, Entrepreneurs, and Technological Development

F2 G. Technologies of Telecommunication and Sound

F2 H. Transformation of industrial environments: processes, tools, re-thinking IV

Session F2A | Room Werstas auditorium

Chair: TBA

MUSEUMS AND THEIR AUDIENCES**10:30-11:00**

Kalle Kallio (Finnish Labour Museum Werstas, Finland):
Open Labour Museum

11:00-11:30

Jürgen Böning:

Preservation by Production. Useful Printing in Museums as a Method, to Keep Museums Alive.

Session F2B | Vooninki Hall

Organiser: Barton C. Hacker

Symposium on the Social History of Military Technology VI

10.30-11.00

Bret, Patrice (France):

From Great War to Cold War: French Chemists and Military Research, 1914-1968

11.00-11.30

Wulff, Petter (Sweden):

Critical Infrastructure Dependence in Swedish Tank Development

11.30-12.00

Belot, Robert (France):

French Military Defeat 1940: Cultural and Political Bars to Strategic and Technical Innovation

Session F2C | Bertell Hall

Chair: Tba

INDUSTRIAL HERITAGE EDUCATION

10:30-11:00

Polyxeni M. & Mylonopoulos D./ Spyridon P. (Technological Education Institute of Piraeus / Department of Tourism Industry Management / Spetses, Greece):

The industrial heritage as a cultural parameter in primary education in Greece. A case study

11:00-11:30

Boshold A. (International Building Exhibition (IBA) Fürst-Pückler-Land, Germany):

ENERGY-Route of Lusatian Industrial Heritage – Tourism Product and Marketing Network

11:30-12:00

Ebert W. (ERIH, Germany):

ERIH - European Route of Industrial Heritage - a Network of Industrial Heritag

12:00-12:30

Brown R. (National Museums Scotland):

Mockumentary: making Scotland's Industrial heritage palatable for the viewing

Session F2D | Kisälli Hall

Chair: Tba

SCIENTIFIC PROCESSES AND INDUSTRIAL PRODUCTS II

10:30-11:00

Bjørsvik E. (Norwegian Museum of Hydropower and Industry):

Calcium carbide products: how to meet the challenge?

11:00-11:30

Lytvynko A. (G.M.Dobrov Center for Scientific and Technological Potential and Science History Studies NAS of Ukraine):

Value of works from the Laboratory for Experimental Physics of Kiev University on the study of critical state of matter for the development of steam-en

11:30-12:00

Zverkina G.A. (Moscow State Railway Engineering University):

Industrialisation and Mathematic

Session F2E | Kehräämö Hall

Organiser: Timo Myllyntaus (University of Turku)

TECHNOLOGY AND THE ENVIRONMENT IV: CASES STUDIES ON BUILDING UP NATIONAL ENERGY SUPPLY

10:30-11:00

Kennedy L. (Queen's University, Belfast, Ireland):

Peat in Ireland, 1800-2000: A Socio-Economic Analysis

11:00-11:30

Silva A.P. (Nova Universidade de Lisboa, Portugal):

Power (d)illusions – Electricity Networks in Portuguese African Colonies

11:30-12:00

Gierlinger S. (Alpen Adria Universität Klagenfurt, Austria):

The Transition of the Energy System of the USA 1850 to 2005

12:00-12:30

Myllyntaus, T (University of Turku):

Boosting Exports by Giving up Renewable Energy Sources? A Shift in Finnish Postwar Energy Policy

Session F2F | Kutomo Hall

Chair: Tba

INVENTORS, ENTREPRENEURS, AND TECHNOLOGICAL DEVELOPMENT

10:30-11:00

Lima F. & Ferreira C.C.M/Portes R. R. (Universidade Federal de Juiz de Fora, Brazil):

Continuity and discontinuity in the conservation of industrial heritage in Minas Gerais/Brazil: factories, railways and houses in Juiz de Fora

11:00-11:30

Yogo A. (World Heritage Inscription Promotion Office, Niigata Prefecture, Japan):

Technology of Sado Gold and Silver Mine

Session F2G | Vesivoima Hall

Chair: Tba

TECHNOLOGIES OF TELECOMMUNICATION AND SOUND

10:30-11:00

Petersen S. (Offenbach Academy of Art and Design for Theories of Culture and Technology, Germany, Germany):

From an Artisan Handcraft to a full Mechanized Industry. German piano making companies in the late 19th and early 20th Century and how they use(d) their industrial past.

11:00-11:30

Colapinto C. (Universita' della svizzera, Switzerland):

Telecommunication History Magistra Vitae? A comparison between the nineteenth century and the 2000s in Italy.

11:30-12:00

Korhonen A. (University of Jyväskylä, Finland):

From analogue to digital-Television sound moving towards new media

12:00-12:30

Kylliäinen M.J. (Tampere University of Technology, Finland):
The Finnish sound insulation requirements of 1967 as a result of technology

Session F2H | TBA

Chair: Tba

TRANSFORMATION OF INDUSTRIAL ENVIRONMENTS: PROCESSES, TOOLS, RE-THINKING IV

10:30-11:00

Belot R. (Laboratoire RECITS, France):
When a medium-sized city decides to change its cultural policy and to apprehend the industrial heritages as a means to assert its identity

11:00-11:30

Maier D. & Keller-Kempas R.(BIWAQ / HTW Berlin, Germany):
Death Is not the End – Structural change and the metamorphosis of urban development in Berlin-Schöneeweide

11:30-12:00

Kankkonen S. (University of Tampere, Finland):
Areas of Inequality

12.00-13.30 Lunch break

Friday, 13 August 2010

Parallel Sessions

Friday afternoon sessions F3

13:30-15:30, THE FINLAYSON AREA

F3 A. Digital Industrial History

F3 B. Symposium on the Social History of Military Technology VII

F3 C. Transformation of Industrial buildings to Museums & Cultural Spaces

F3 D. The Meaning of Technology

F3 E. Roundtable discussion: History of Technology vs History of Science: Possibilities and Challenges of the Interaction

F3 F. Research at the Museums

F3 G. Societies and symbolic values of industry I

F3 H. Transformation of industrial environments: processes, tools, re-thinking V

Session F3A | Room Werstas auditorium

Chair: TBA

DIGITAL INDUSTRIAL HISTORY

13.30-14.00

Osmo Palonen (Finland):
Reusing the Industrial Past by Digital Streaming

14.00-14.30

Linea Hansen:
Industrial Memories in Cyberspace

14.30-15.00

Kimmo Kestinen (Finland):
Online Collection of Everyday History

Session F3B | Vooninki Hall

Organiser: Barton C. Hacker
SYMPOSIUM OF THE SOCIAL HISTORY OF MILITARY VII

13:30-14:00

Bedi, Joyce (US):
Why Here? Why Now? Places of Invention at MIT in World War II

14:00-14:30

Borisov, Vasily (Russia):
Technology As a Matter of Survival: Work on Radar Devices in Great Britain and in the USSR during World War II and the 'Cold' War

14:30-15:00

Vining, Margaret (USA)
The OODA Loop: Linking the Technology of Aerial Combat to Corporate Strategy

Session F3C | Bertell Hall

Chair: Tba
TRANSFORMATION OF INDUSTRIAL BUILDINGS TO MUSEUMS & CULTURAL SPACES

13.30-14.00

Marja-Liisa Rönkkö (University of Helsinki, Finland):
Industrial architecture converted to museum use in Finland

14.00-14.30

Caroline Donnellan (London School of Economics & Political Sciences, UK):
Reusing Bankside Power Station – Building Tate Modern

14.30-15.00

Helena Teräväinen (Aalto University, Finland)
Re-built and re-spoken Old Paukku – Cultural and industrial heritage

15.00-15.30

Bach, M. (The Frederiksvaerk Museum of Industry):
Make it Sexy & Sustainable! A Danish example of regeneration through heritage

Session F3D | Kisälli Hall

Chair: Tba
THE MEANING OF TECHNOLOGY

13.30-14.00

Gorokhov V. (Karlsruhe Institute of Technology, Germany):
Technological optimism and technological pessimism in the Russian and German philosophy of technology at first part of the 20th century

14.00-14.30

Nebeker F. (IEEE History Center, Rutgers University):
Changes in popular attitudes toward electric power in the United States

14.30-15.00

Kaataja S. (University of Tampere, Finland):
Helsinki Formula – An innovation where optimistic consumers, pessimistic authorities and cheeky sellers decided

Session F3E | Kehräämö Hall

Organiser: The Finnish National Committee for the History of Science and Technology

Chair: Professor Panu Nykänen (Aalto University)

ROUNDTABLE DISCUSSION: HISTORY OF TECHNOLOGY VS HISTORY OF SCIENCE:
POSSIBILITIES AND CHALLENGES OF THE INTERACTION

13.30-15.00

Panelists:

Professor Sebastien Soubiran (University of Strasbourg)

Professor Eva Vamos (Hungarian Museum for Science and Technology)

Professor Maija Kallinen (University of Oulu)

Professor Tapio Markkanen (University of Helsinki)

Session F3F | Kutomo Hall

Chair: Tba

RESEARCH AT THE MUSEUMS

13.30-14.00

Anne Hiller Clark & Mark Clark:

Documenting the History of the Timber Industry in the Klamath Basin, Oregon

14.00-14.30

Helen Beneki:

Studying, Representing and “Reusing” the Industrial Past: the Case of a Greek Cultural Foundation

Session F3G | Vesivoima Hall

Chair: Maths Isacson (University of Uppsala / Royal Institute of Technology, Sweden)

SOCIETIES AND SYMBOLIC VALUES OF INDUSTRY I

13.30-14.00

Isacson M. (Uppsala university/Royal Institute of Technology, Stockholm, Sweden):

The re-usage of large-scale industrial areas

14.00-14.30

Rasmussen F.A (The Frederiksvaerk Museum of Industry, Denmark):

Living with a giant joker – The Steelworks in Frederiksvaerk

14.30-15.00

Pelen Ö. (Middle East Technical University):

Turkish modernization through industrialization, progress and electrification

Session F3H | TBA

Chair: Tba

TRANSFORMATION OF INDUSTRIAL ENVIRONMENTS: PROCESSES, TOOLS, RE-THINKING V

13.30-14.00

Caffey S. (Texas A&M University, USA):

Artist in Residence: A Case Study in Strategic Applications of Industrial Heritage & Adaptive Reuse

14.00-14.30

Fu C-C. (National Cheng Kung University, China):

From Abandoned Machinery to Sustainable Industry Heritage – strategies of the conservation and adaptive reuse of sugar factories in Taiwan

14.30-15.00

Backes Peter (UK):

UNESCO World Heritage Site Völklingen Ironworks - from a shut down ironworks to an exciting cultural and touristic destination

15.00-15.30. Coffee break

15.30-17.30 ICOHTEC, TICCIH and Worklab General Assembly Meetings

Saturday, 14 August 2010

Parallel Sessions

Saturday Morning Session S1

8:30–10:00 Finlayson Area (Werstas, TR 1)

S1A. Narratives and Experiences at the Industrial Museums

S1B. Technologies of Oil and Gas II

S1C. Nature and Technology Coming to Terms with Urbanity, Industrialization and the Environment

S1D. Valuation and Reuse II.1

S1E. History of Technology as a Social Resource

S1F. Just What is it that Makes Today's Home so Different, so Appealing?

From WC to PC – Technologies of Everyday's Life and it's Social, Cultural and Political dimensions (1870-2000) I

S1G. Societies and symbolic values of industry II

S1H. Reinterpreting Tomioka Silk Mill: Japan's Industrial Heritage in Transition

Session S1A | Werstas auditorium

Chair: TBA

NARRATIVES AND EXPERIENCES AT THE INDUSTRIAL MUSEUMS

8:30-9:00

Tom Duncan, Noel McCauley:

The Brickworks. Narrative space - architecture and digital media

9:00-9:30

Udo B. Wiesinger:

Museum Arbeitswelt Steyr and the "Austrian Route of Iron"

9:30-10:00

Rosaria De Fazio:

The museum of the Post Time after Time

Session S1B | Vooninki Hall

Chair: Tba

TECHNOLOGIES OF OIL AND GAS II

8:30-9:00

Djafarov K. (OOO "Gazgrom VIIGAZ,Russia):

Prize for the works or inventions, connected with oil industry

9:00-9:30

Chidalita, D. (SNGN ROMGAZ SA/Romanian, Romania):

100 year of exploitation at Natural Gas in Romania

9:30-10:00

Gerali F. (Accademia Luningianese di Scienze, Italy):

Hint on the development of the Italian oil industry in the Emilian Apennines

Session S1C | Bertell Hall

Chair: Tba

NATURE AND TECHNOLOGY

COMING TO TERMS WITH URBANITY, INDUSTRIALIZATION AND THE ENVIRONMENT

8:30-9:00

Katko, T., Juuti P., Rajala R. (Tampere University, Tampere University of Technology, Finland):

Strategic management of water services in Tampere city and industrial water services 1835-2010

9:00-9:30

Nyysönen, J (Dep. of History and Religious Studies , Univ. of Tromsø, Norway):

The Environmental Consequences of Industrialisation and Deindustrialization in the Sami Domicile of Finland from 1945 to the Present Day

9:30-10:00

Weiss, J (Kingsborough Community College of CUNY, USA):

'The Combination of Nature, and Human Invention': Green Design in an Early Industrial City

Session S1D | Kisälli Hall

Chair: Tba

VALUATION AND REUSE II.1

9:00-9:30

Özer-Kemppainen Ö., Suikkari R., Tolonen K (University of Oulu, Finland):

Reusing the Former Industrial Area of Meri-Toppila, Oulu Finland

9:30-10:00

Kierdorf A. (Klartext Verlag, Germany):

Description and Assessment of Re-Use Strategies for Industrial Monuments

Session S1E | Room Kehräämö

Chair: Tba

HISTORY OF TECHNOLOGY AS A SOCIAL RESOURCE

8:30-9:00

Buchanan A. (University of Bath, UK):

Power and Conservation: The Importance of the History of Technology

9:00-9:30

Briot E. (University of Marne-la-Vallée, France):

Uses of industrial heritage by French luxury houses: When history of technology meets brand communication

Session S1F | Kutomo Hall

Organizer: Timo Myllyntaus (University of Turku, Finland)

JUST WHAT IS IT THAT MAKES TODAY'S HOME SO DIFFERENT, SO APPEALING?

FROM WC TO PC – TECHNOLOGIES OF EVERYDAY'S LIFE AND IT'S SOCIAL, CULTURAL AND POLITICAL DIMENSIONS (1870-2000) I

8:30-9:00

Artemenko R. (Institute for History and Science and Technology of Russian Academy of Sciences, Russia):

Soviet Consumer Radioelectronics – Cripples and Orphans of the Military Industry or Victims of the Wrong Way Economy in the 1970s and 1980s?

9:00-9:30

Hempstead C.A. (University of Teesside, UK): Some Confessions of a Neophilic

9:30-10:00

Laiho-Suominen E. (University of Turku, Finland):

A Technological Revolution in the Salon: the Introduction of the Permanent Waving Machines in Finland during the Interwar Depression, 1928-1933

Session S1G | Vesivoima Hall

Chair: Maths Isacson (University of Uppsala / Royal Institute of Technology, Sweden)

SOCIETIES AND SYMBOLIC VALUES OF INDUSTRY II

8:30-9:00

Grahn M. (University of Turku, Finland):

The case of Noormarkku ironworks – the industrial past as capital

9:00-9:30

Oliveira Ramos P. (Universidade Aberta, Portugal): Lisbon Industrial Memory

9:30-10:00

Häyrynen S. (Joussuu University, Finland):

The Imagined Continuation. Comparing cultural reconstruction among transforming single-industry communities

Session S1H | Auditorium

Organiser: Wittner, D. (Uttica College, USA)

REINTERPRETING TOMIOKA SILK MILL: JAPAN'S INDUSTRIAL HERITAGE IN TRANSITION

8:30-9:00

Matsuura T. (Japan):

Perspectives on Japanese Industrial Heritage and Hybrid Technology

9:00-9:30

Shimizu K. (Japan):

Making Western Factory Buildings Japanese: Blending Architecture at Tomioka Silk Mill"

9:30-10:00

Wittner D. (USA):

Symbol for a Nation: Tomioka Silk Filature and Japanese Industrial Modernization

10.00-10.30. Coffee break**Saturday, 14 August 2010****Parallel Sessions****Saturday morning sessions S2****10:30–12:00 Finlayson Area (Werstas, TR 1)**

S2. Collection Policies at the Industrial Museums

S2B Symposium of the Social History of Military VIII

S2C. Mission and Management at the Industrial Museums

S2D. Valuation and Reuse II.2

S2E. Looking into the Past. New Uses for Old Technologies

S2F. Just What is it that Makes Today's Home so Different, so Appealing?

From WC to PC – Technologies of Everyday's Life and it's Social, Cultural and Political dimensions (1870-2000) II

S2G. Engineers

S2H. Transformation of Industrial Environments: Processes, Tools, Re-thinking VI

Session S2A | Werstas Auditorium

Chair: Tba

COLLECTION POLICIES AT THE INDUSTRIAL MUSEUMS

10:30-11:00

Mari Lind (Museum Centre Vapriikki, Finland):
How Much Is Enough? - Re-Evaluating Industrial Collections

11:00-11:30

Teemu Ahola (The Finnish Labour museum Werstas, Finland):
Challenges Of The Collections Policy: Industrial Environment And Processes Within

11:30-12:00

Achim Dresler (Sächsisches Industriemuseum Chemnitz, Germany):
Collection policy in Saxony, a region in transformation

Session S2B | Vooninki Hall

Organiser: Hacker, Barton C.
SYMPOSIUM OF THE SOCIAL HISTORY OF MILITARY VIII

10:30-11:00

Ampuja, Outi (Finland):
Sound and Noise as Weapons of War

11:00-11:30

Nadimi, Farzin (UK):
Rising from the Ashes: Iran's Military Technology in Revolution and War

11:30-12:00

Cocroft, Wayne (UK):
Monumentalizing the Cold War

12:00 – 12:30

Thomas Withington (France):
The Unmanned Aerial Vehicle (UAV) and Casualties in Warfare

Session S2C | Bertel

Chair: Tba

MISSION AND MANAGEMENT AT THE INDUSTRIAL MUSEUMS

10:30-11:00

Éva Vámos (Hungary):
Interaction Of The Historical Factory As Museum Building And The Mission Of The Museum Working In It

11:00-11:30

Kimmo Levä (Mobilia, Finland):
Who is responsible for preserving industrial heritage and who should pay bills?

11:30-12:00

Torsten Nilsson (Sweden):
A Nation of Museum Builders

Session S2D | Kisälli

Chair: Tba

VALUATION AND REUSE II.2

10:30-11:00

Radach R., Winterling, D. (Planninghaus Architekten BDA, Germany):
Heritage for sale: How much conservation does a monument need?

11:00-11:30

Mylonopoulos D., Polyxeni M. Spiridon P. (Technologian education institute of Piraeus /
Department of Tourism Industry Management, Greece):
The legal framework concerning the valorization of industrial heritage at a Local Government
level in Greece

Session S2E | Kehräämö

Chair: Jaakko Suominen (University of Turku, Finland)

LOOKING INTO THE PAST. NEW USES FOR OLD TECHNOLOGIES

10:30-11:00

Schmidt Horning S. (St. John's University, USA):
Retro Technologies: True Value or Form over Function?

11:00-11:30

Hagman O. (Gothenburg University, Section for Science and Technology Studies, Sweden):
Cordwood building: technological comeback in a new cultural environment

11:30-12:00

Fredricksson J. (Dalarna University, Sweden):
Old cars and bikes as industrial heritage - for the junkyard or the museum, but why?

Session S2F | Kutomo Hall

Organizer: Timo Myllyntaus (University of Tampere, Finland)

JUST WHAT IS IT THAT MAKES TODAY'S HOME SO DIFFERENT, SO APPEALING?
FROM WC TO PC - TECHNOLOGIES OF EVERYDAY'S LIFE AND IT'S SOCIAL,
CULTURAL AND POLITICAL DIMENSIONS (1870-2000) II

10:30-11:00

Juuti P., Rajala R. (University of Tampere, Finland):
Standard Equipment in Finnish Households in the Early 1900s – WC, Water Pipe, Sewer &
Hot Water

11:00-11:30

Rajala R., Juuti P. (University of Tampere, Finland):
Household Water Consumption in Finland

11:30-12:00

Norvasuo M. (Helsinki University of Technology, Finland):
The Idea of the Functionally and Aesthetically Satisfying Light Fitting in the 1930s Compared
to That in the 1950s: Case Alvar Aalto

Session S2G | Room Vesivoima

Chair: Tba
ENGINEERS

10:30-11:00

Linssen W. (Catholic University Leuven, Belgium):
Could the real engineer rise, please? Technical education in Belgium during the first half of the nineteenth century

11:00-11:30

Ponomarenko, L (National Technical University of Ukraine "Kyiv Polytechnic Institute"):
Creation of the Kiev Polytechnic Institute, and the first engineering in metallurgy, bridge construction and aviation (1898 – 1918)

11:30-12:00

Pauer E. (Center for Japanese Studies, University of Marburg, Germany):
Searching for a (social) Identity – Japanese Engineers in the 1910s

12:00 – 12:30

Vähäpesola, J. (University of Tampere, Finland):
Engineers but Women by Nature

Session S2H | Auditorium

Chair: Tba

TRANSFORMATION OF INDUSTRIAL ENVIRONMENTS: PROCESSES, TOOLS, RE-THINKING VI

10:30-11:00

Canavas C.(Hamburg University of Applied Sciences Faculty Life Sciences, Germany):
It smells again of coffee. Reconstructing the history of reusing projects in the Warehouse City of Hamburg

11:00-11:30

Okada M. (Kinki University, Japan):
Reuse of Defense Heritage

11:30-12:00

Hoskara, S. (Eastern Medit. Univ. Turkey):
Re-use of Industrial Heritage in Rural settlements in Cyprus

12.00-13.30 Lunch break**13.30- 16.00 Walking tour**

Departure to guided walking tours in Tampere city centre

Opening words

Industrial heritage, creative reuse and still functioning factories in the national landscape

Visit the functioning Tako M-Real cardboard factory

-

18.00-19.30 Guided tour at the Exhibitions in Museum Centre Vapriikki

Sunday, 15 August 2010

- A whole-day tour to Verla Mill, a UNESCO world heritage site

- A whole-day tour to the Serlachius Museums Gustaf and Gösta in Mänttä and M-real Factory in Mänttä.

II. Conference Report

Europe and Beyond. Transfers, Networks and Markets for Musical Theatre in Modern Europe

European University Institute Florence, March 2010

Magdalena Waligorska, European University Institute, Florence, Italy

[magdalena.waligorska@eui.eu](mailto:magdalenawaligorska@eui.eu)

Opera is the most expensive performing art and an epitome of high culture. Is the rise of the new media and communication devices the death of opera or its second life? The workshop “Opera in Media Transformation”, held at the European University Institute in Florence 12th-13th March 2010, discussed opera as an institution, as a mode of performance and as a cultural space, revisiting clichés and listing new challenges. The focus of the workshop were the transformations that the new media pose to musical theatre, but the debate concerned a much wider scope than merely opera. Exploring the dynamics between canon and innovation or the classical stage and the virtual space of broadcast transmission, the workshop touched on the central issues of cultural production in the age of “mechanical reproduction”.^[1] The workshop, realised within the research project “Europe and Beyond. Transfers, Networks and Markets for Musical Theatre in Modern Europe”, was organised by Sarah Zalfen of the Free University in Berlin and chaired by Heinz-Gerhard Haupt and Philipp Ther of the European University Institute in Florence.

The opening session of the workshop was devoted to the definitions of the operatic and mediality. IMMACOLATA AMODEO (Jacobs University in Bremen) tried to pinpoint the concept of “the operatic” not only as an art form, but also as an aesthetic quality traceable across different genres. In her view, it was not only the new technical means of reproducing opera, but also the very historical roots of the genre, originating as an experiment of reviving Greek theatre, that rendered “the operatic” a concept transcending the genre itself. Quoting Gramsci, Amodeo pointed out that “the operatic” might also stand for a certain aesthetic quality or even “a conception of life”.

BIANCA MICHAELIS (University of Munich) concentrated, in turn, on how the television and other audiovisual media influence opera. She noted that the new technical means transformed not only the production of operas, but also contributed to the rise of new

crossover genres of musical theatre, converging opera and audiovisual media. What is more, the marriage of the audiovisual media and the opera freed the the latter from the theatre hall, creating new spaces of performance.

The new media not only allow opera to travel in space, but they also permit a travel back in time. MATTHIAS NÖTHER, musicologist and music critic from Berlin, commented on this trend, discussing the re-edition of old Shellack recordings as CDs. Although the new medium provides an unprecedented accessibility to the old recordings, Nöther pointed out that it is hardly a document of the musical landscape of the epoch. Music labels revive old operatic masters on the compact disc to ward off the crisis in the classical music industry, but the parallel to contemporary stereo recordings is only deceptive and the insight we gain into the world of the performance around 1900 - illusory.

VJERA KATALINIC (University of Zagreb) also devoted her talk to these early musical recordings and to how they revolutionised the reception of opera and the habits of listening to music in general. Long before the era of the compact disc, Edison's phonograph, the gramophone and the radio gave music theatres and the circulation of opera recordings a transnational character. The beginnings of commercial sound recording relied not only on the international transfer of technologies, but also of business ideas. Thus, the popularity of the operetta at the turn of the 20th century was fuelled by the rising accessibility of sound recording and reproduction but also by the commercial printing of notation sheets of popular stage numbers for home music-making. The medial transformation of opera, therefore, argued Katalinic, is not a new phenomenon, but rather a process which has shaped the development of the genre for at least a century.

A likewise historical perspective on the intersection of opera and audiovisual media was offered by OKSANA SARKISOVA (Moscow State University). Discussing film examples from the USSR (Igor' Savchenko's "Garmon", 1934; Sergei Eisenstein's "Ivan the Terrible" and Grigorii Roshal's "Musorgsky", 1950), Sarkisova spoke of the importance of musical film productions for the creation of the Soviet collective identity. Dealing with the reinvention of the opera on the silver screen, she analysed these productions as both sites of artistic creativity and political subversion. Coupling the opera, traditionally considered as fantastic, with the naturalism of the Soviet cinema resulted not only in interesting cases of adaptation, but also led to a transformation of the genre, mixing the operatic dimension with new filmic devices like montage, or close-ups.

PETER STACHEL (Austrian Academy of Sciences) also focused on opera in film. Analysing the films devoted to the figure of Wolfgang Amadeus Mozart, Stachel traced the representation of Mozart as a Romantic artist and a celebrity. Concentrating on "Wen die Götter lieben" (1942) by Karl Hartl and "Amadeus" (1984) by Milos Forman, he presented how elements of Mozart's biography were arranged to achieve a dramatic effect, turning Mozart himself into an operatic figure. The intersection of opera and the realm of mass entertainment was addressed also by DIMITRIOS KIOUSOPOULOS (EUI Florence) who,

analysing the motif of opera-going in "Pretty Woman", tried to put forward a claim that the year 1990 was a turning point in the history of opera, marking a change in the perception of the genre as elitist and inaccessible.

The democratisation of musical theatre was also at the centre of the presentation of SUSANNE VILL (University of Bayreuth). In her talk, she analysed the processes of adapting famous operas for musical productions, discussing in particular the differences in the technical equipment used in traditional opera productions and musicals. Vill convincingly demonstrated how the introduction of microports, digital sound software and "slave" recordings not only influenced the singing technique, but also contributed to the particular allure of musicals. New technology, argued Vill, allowed musicals to attract a young audience who would not attend opera and offer them an intensive musical experience in an immersive audiovisual environment.

The radical technological changes also in the production of operas inspired JELENA NOVAK (University of Amsterdam) to introduce the term "postopera". In her presentation under the intriguing title "Postopera: Prosthesis, Ventriloquism, Travesty", she discussed different relations of body and sound on the examples of three "postoperas": "One" by Michel van der Aa (2002), "Three Tales" by Steve Reich and Beryl Korot (2002) and "La Belle et la Bête" by Philip Glass (1994). Postopera, argued Novak, not only applies new technologies, achieving unprecedented sound effects, but also reflects on the implications of technological reproduction. Thus the technologically modified, moleculised, or deconstructed voice reveals the problematic relation of the singing body and the produced voice. The new means to replace, reinvent or transplant a voice to another body redefine singing and opera, turning it into an instrument to express fragmented identities and contemporary anxieties.

The age of mass-media was also the focus of SARAH ZALFEN (Free University in Berlin). She devoted her presentation to the reception of opera at the time when the rise of the new media made it more available and democratic. While televised opera broadcasts between the 1960s and 1985 relocated the opera experience into the private sphere, offering an autonomous and solitary reception of the operatic performances, they failed to meet the demand for a social dimension of opera-viewing. Public viewing of opera broadcasts was a response to this need. Since the mid-1980s, opera broadcasts in cinemas, urban spaces and the internet have been arranged in a way to simulate a live opera experience. Live chats, public voting and on-line communities have served to transform solitary viewing into a collective social ritual, which allowed not only a more focused reception but also the flagging of social status. In this way, the original social dimension of opera-going could be to a certain extent retained in the new mediated rituals of opera viewing.

The new modes of transmitting and consuming opera, however, have not been a solution to all the challenges that the genre is facing. PAVEL JIRACEK (Oxford, Zurich and Cologne) made it clear that the rise of new technologies does not necessarily help opera as an institution to profile itself as socially relevant. Among the most burning problems of opera

halls Jiracek listed the fossilised repertory of many houses which, for economic reasons, decide to stage only the most popular works, neglecting new commissions. Such economically safe repertoire decisions endanger the development of opera as an art form and confirm the image of the institution as conservative and anachronistic. To break the vicious circle, according to Jiracek, opera managers need not only to invest in “research and development” but also rethink the spatiality, forms of staging and social role of opera, opening the institution for outreach programmes, social work and experimentation.

New marketing strategies of opera houses were also the subject of AURELIE BARBUSCIA (EUI Florence). Taking as a case study the Florentine opera house, she analysed the advantages and disadvantages of introducing “low cost operas” to improve the theatre's finances. The apparently successful campaign of the opera of Florence to attract younger audiences by staging more performances and investing in intensive promotion had, in Barbuscia's view, also a negative side effect in the fossilisation of the repertoire.

Wondering whether the development of the audiovisual media can actually save the traditional institution of the opera or only herald its end, both Barbuscia and Jiracek addressed a crucial question, relevant not only to opera studies. The transformations of opera in the age of the new media expose the contradictions and dilemmas that are more universal in cultural studies. What is the place of art in the consumption society? Given that the success of cultural products depends on their market value and the current demand, what differentiates them from mere consumption goods? What is the relation between the democratisation of access to art and mainstream culture? What is the role of opera, as a western art form, in the age of globalisation? What is the function of opera, as the epitome of “high art”, in generating social status and class identities? Although the workshop “Opera in Medial Transformation” well documented the changes that the genre has undergone in the last century, empirical case studies outweighed an analysis on this more universal, theoretical level.

The workshop presentations provided many examples of the interconnectedness of the “high” and the “low” and the transfer between opera and its “others” (musical, operetta, visual arts) but they did not yet offer a theoretical paradigm transcending the old distinction between “popular” and “high art”. The contents of what is popular and non-popular change from period to period and, as some popular forms “go up the cultural escalator” [2], others are appropriated into the mainstream from high culture. This dynamic exchange involves also the opera, which becomes an inspiration for Hollywood, at the same time recycling elements of popular culture for its own productions. And it is this postmodern fluidity, impermanence and the potentially unlimited availability that define opera today.[3] Studying it as a space of constant transformations, shifts and even clashes requires methodologies that allow to conceptualise the genre beyond the dichotomies of “elitist” and “mainstream”, “high” and “low” or “popular” and “niche”. The Florence workshop, with its interdisciplinary character and many thought-provoking papers, was a step in this direction.

Notes:

[1] Walter Benjamin, *Illuminations*, London 1999.

[2] Stuart Hall, "Notes on Deconstructing 'the Popular'", in: John Storey (ed.), *Cultural Theory and Popular Culture*, London 1988, p. 448.

[3] Zygmunt Bauman, *Culture as Praxis*, London 1999, p. xlv.

Tagungsbericht *Opera in Medial Transformation*. 12.03.2010-13.03.2010, Florenz, in: H-Soz-u-Kult, 10.05.2010, <http://hsozkult.geschichte.hu-berlin.de/tagungsberichte/id=3079>.

III. Conference Announcements

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

6-7 September 2010

22nd Cardiff Business School. Accounting & Business History Research Unit Annual Conference

Cardiff University

CFP – **Attention: Deadline 1 June 2010**

Theoretical, empirical and review papers are welcomed in all areas of accounting, business and financial history.

The conference provides delegates with the opportunity of presenting and discussing, in an informal setting, papers ranging from early working drafts to fully developed manuscripts. The programme allows approximately 35 minutes for presentation and discussion in order to help achieve worthwhile feedback from those attending. In the past, many papers presented have subsequently appeared in print in a range of international, refereed academic accounting, business and economic history journals.

Guest Speaker: Marcia Annisette (Schulich School of Business, York University, Canada)

Those wishing to offer papers to be considered for presentation at the conference should send a one page abstract (including name, affiliation and contact details) by 1st June 2010 to:

The Conference Office, Cardiff Business School, Colum Drive, Carbs-Conference@cf.ac.uk.

22 – 24 September 2010

Unsichtbares sichtbar machen. Jahrestagung des Driburger Kreises 2010 / How to Make the Unvisible Visible. Annual Meeting of the Driburger Kreis 2010

Maastricht, The Netherlands

CFP – Deadline **31 July 2010**

The Driburger Kreis is an annual meeting of Master-and PhD Students as well as young Scholars, who specialised on the history of Medicine, Science and Technology.

Please contact: Susan Splinter, Medizinhistorisches Museum Ingolstadt, susan.splinter@ingolstadt.de.

23 September 2010

Before and After Toynbee: conceiving the Industrial Revolution during the long nineteenth century.

Cambridge

CFP – Deadline **21 June 2010**

The concept of the Industrial Revolution is widely seen to have been recognised and then solidified, in Britain, in the years after 1884 and the publication of Arnold Toynbee's "Lectures on the Industrial Revolution". Although undeniably a linguistic watershed, it is unclear what impact Toynbee's work had in shaping the existing conceptions of industrialisation into those which followed and persisted into the twentieth century.

This symposium aims to ask questions of the way industrialization was conceived both before and after Toynbee's "Lectures" in 1884. By way of a keynote talk - delivered by Professor Donald Winch (Sussex) - and three panels of short papers, the symposium will address the evolving idea of industrialism in the course of the long nineteenth century:

To what extent did a concept of the Industrial Revolution exist in Britain prior to 1884? How did such a concept relate to the characteristically ambivalent images of political reform, urbanization and economic growth; to class conflict and international trade; to the ongoing questions of machinery and the division of labour; to changing notions of time and history, and the sense of irreversible transition? How might contemporaries have negotiated the association of the Industrial Revolution with inevitable or providential changes, and the controversies around possible alternatives to perpetual industrial growth?

Turning to the concept of the Industrial Revolution which coalesced after 1884, to what extent can it be seen as a response to poverty, or purely through the lens of what has been called 'catastrophism'? Should the historicization of the idea of the 'Industrial Revolution' be put into a more polyvalent context, within a broader constellation of concerns which include worries about resource depletion, pollution and the massification of culture and production; the intolerable pressure and pace of modern life, and the 'subservience' of humans to machines?

Whether oriented primarily around the problem of poverty or not, did any of the issues relating to the idea of the Industrial Revolution alter significantly because of the public introduction of Toynbee's conceptualization after 1884? Or were they more seamlessly joined to the ambivalences about the same processes which had existed earlier in the nineteenth century? Which alternative explanatory models competed with the idea of a revolution, if any?

In the periods both before and after 1884, therefore, three related questions emerge: how far did contemporaries see the issues associated with the idea of the Industrial Revolution as part of a single process? How inevitable did they consider such a process? And, unavoidably, what was its value?

In exploring these questions a number of fields immediately suggest themselves including, but not limited to, the following:

- accounts of the period of industrialization in works of pre- and post-professional history, from Macaulay and Buckle, to Toynbee, Trevelyan, Tawney and the Hammonds
- the investigations made of Britain on the part of foreign writers, from JB Say to Engels, Paul Mantoux and - of course - Karl Marx.
- the parallel between the French Revolution and industrial change in British thought, from Carlyle to Hobsbawm.
- the tension between industrial and romantic visions of production: one not only of antagonism but of complicity and shared assumptions, from the Lake Poets to John Stuart Mill and William Morris.
- representations of scientists, engineers, and entrepreneurs in the industrialization process, from Arkwright, Watt, and Wedgwood to Babbage, Brunel and Siemens.
- historical argument in debates over free trade, cooperation, and the franchise,
- the relationship between urbanization and industrialization in nineteenth-century thought,

from the 'Manchesterism' of 1800 to the East End sweatshop of 1900.

- providential or anti-providential visions of industrialization, in arguments about both the divine favour bestowed on Britain in the form of resources (and genius), and about the necessity of industrialization to a divine plan for global human history.
- utopian alternatives to or modifications of industrialization, from Owenite schemes of work to the reformist factories of Cadbury.
- the perceived, necessary connection between industrialism and Empire, as in the works of JA Hobson and Lenin.
- the ongoing legacy of nineteenth-century ideas of the Industrial Revolution in the twentieth century and beyond, as in debates about modern policy and economics (from the cold war to development studies) which have employed particular versions of the Industrial Revolution story.

The aim of the symposium is to examine some of these legacies, their origins, their advocates and the ways in which they were contested.

Proposals of 250 words, for papers of twenty minutes, a short biography - as well as any queries - should be sent to industrialrevolution2010@gmail.com by 21 June 2010.

Please visit <http://sites.google.com/site/industrialrevolution2010/cfp>

Please contact Jocelyn Betts and Daniel CS Wilson by industrialrevolution2010@gmail.com.

24 – 25 February 2011

Workshop “Work – Bodies – Efficiency: new perspectives in historical workplace studies”

Ruhr-University Bochum, Germany

CFP – Deadline **18 October 2010**

The process of industrialization caused a deep transformation of workplace configurations, which is characterized by increasing mechanization and the rationalization of workflow. At the same time the sociality of work fundamentally changed as workers` interactions with their industrial environment were being redefined: formal and informal work practices were constantly adjusted to new technical and organizational innovations of the workplace. This workshop will focus on industrial workplace environment, analyzing its spatial, ecological and technical order. The workshop will explore in what way changes in workplace environment influenced the social control of workers and their bodies.

Participants will discuss the formation of a biopolitical dispositive in the industrial workplace, which manifested itself in specific relations of body concepts, institutions, and infrastructures as well as social, medical and economic practices and discourses.

The workshop would also like to give space for methodical and conceptual considerations dealing with new approaches in social and cultural history like gender history, discourse analysis, actor network theory (ANT), history of mentalities and environmental history as well as history of science, medicine and technology. By no means, this listing should not exclude other methodical approaches.

Subject fields:

- control and regulation of the working body and the limits of social discipline
- body perception and body practices of industrial work
- gender relations and gender constructions at the workplace
- industrial hygiene, occupational health and safety at work
- scientification of industrial work and human resource management
- adaptation of the body to the workplace and vice versa
- media representations of industrial work

The workshop will consist of approx. 12 papers (each of 20 minutes plus discussion). At the end of the workshop a discussion panel is planned.

The conference owns workshop character, thus the presentation of current research projects and the discussion of open questions is pivotal. We are planning to publish the papers in an edited volume. Accommodation will be provided. In addition participants will receive an honorarium of 100 €.

Please submit abstracts (1 page) with a short CV by 18 October 2010 to the following email address:

lars.bluma@rub.de

Deadline for final discussion drafts (approx. 3-4 pages) which will be distributed to all participants: 30 January 2011.

Conference languages will be German and English.

Please contact the organizers:

Dr. Lars Bluma

Ruhr-Universität Bochum

Abteilung für medizinische Ethik und Geschichte der Medizin

DFG-Projekt „Der Körper des Bergmanns in der Industrialisierung: Biopolitik im

Ruhrkohlenbergbau 1890 - 1980“

lars.bluma@rub.de

<http://homepage.ruhr-uni-bochum.de/Lars.Bluma>

Dr. Karsten Uhl

Technische Universität Darmstadt

Technikgeschichte

DFG-Projekt: „Geschlecht, Raum und Technik in der Fabrik: Die ‘rationelle’ Gestaltung industrieller Arbeitsplätze in Deutschland, 1900-1970“

uhl@ifs.tu-darmstadt.de

<http://www.geschichte.tu-darmstadt.de/index.php?id=2442>

6 – 7 October 2011

Cryptology in War and Peace: Crisis Points in History. Cryptologic History Symposium
Johns Hopkins University, Laurel, Maryland
(CFP without deadline)

The National Security Agency Center for Cryptologic History sponsors the Cryptologic History Symposium every two years. The next one will be held 6-7 October 2011. Historians from the Center, the Intelligence Community, the defense establishment, and the military services, as well as distinguished scholars from American and foreign academic institutions, veterans of the profession, and the interested public all will gather for two days of reflection and debate on topics from the cryptologic past.

Interested persons are invited to submit proposals for a potential presentation or even for a full panel. While the topics can relate to this year’s theme, all serious work on any aspect of cryptologic history will be considered. Proposals should include an abstract for each paper and/or a statement of session purpose for each panel, as well as biographical sketches for each presenter. To submit proposals or form more information on this conference, contact Dr. Kent Sieg, the Center’s Symposium Executive Director, at 301-688-2336 or via email at kgsieg@nsa.gov.

Please find more information on <http://shotnews.net/?p=1342>.

Please contact Kent Sieg, the Center’s Symposium Executive Director, kgsieg@nsa.gov.

IV. Summer Schools

12 – 16 July 2010

Maestros del Hormigón / Maestros of Concrete. Curso de Verano 2010 / Summer Course 2010

University of Granada, Juanelo Turriano Foundation, Spain

The summer course is dedicated to persons who contributed to the history of concrete. The participants will analyse the work of engineers, architects and sculptors’ from the end of the 19th century until the 1970s.

Please contact the Turriano Foundation, fundacion@juaneloturriano.com.

V. Awards

**VDI Bereich Technikgeschichte/ Conrad-Matschoß-Preis 2011 des VDI
Conrad-Matschoß Award of the Association of German Engineers VDI**
Deadline for Application **31 June 2010**

Please visit [http://www.vdi.de/6390.0.html?&tx_ttnews\[tt_news\]=49978&cHash=05d28d4c4ca942590e9f5810745f2381](http://www.vdi.de/6390.0.html?&tx_ttnews[tt_news]=49978&cHash=05d28d4c4ca942590e9f5810745f2381).

Please contact Michael Kussmann, VDI Bereich Technikgeschichte, tub@vdi.de

VI. Miscellaneous

Journal *Almagest* – First issue

We are glad to announce the first issue of *Almagest*, the new international journal for the history of scientific ideas, diffused by Brepols publishers. Please find a leaflet with the description of the journal and details for subscription at:

<http://www.brepols.net/Pages/GetFile.aspx?dlfi=39>

The journal's webpage at the HPDST website is:

<http://www.hpdst.gr/publications/almagest>

Editorial board of the journal:

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