

Tensions of Europe
The Role of Technology in the Making of Europe
First Plenary Conference
Budapest March 18-21, 2004
Program, Version March 15

Please note:

The meetings and workshops on Wednesday and Thursday will take place in the Hotel Benczúr. The workshops on Friday and Saturday will take place at the Central European University (CEU). The door-to-door travel time with the underground (Metro) between the hotel and the CEU is 20-30 minutes. The Business Meeting of the Coordination Committee on Sunday will take place in the Hotel Benczúr.

Tensions of Europe has been a Network funded by the European Science Foundation, 2000-2003. The Budapest conference is sponsored by: The Foundation for the Industry (Budapest); The Hungarian Museum for Science and Technology; The Bank of Sweden Tercentenary Foundation; the U.S. National Science Foundation; The Foundation for the History of Technology (Netherlands), Technical University Eindhoven (Netherlands); and Conference Tours Ltd. (Budapest).

Wednesday, March 17

- 14.00-20.00 Registration & Information desk open. Collection of illustrations of “Europe & Technology.”
19.00-21.00 Optional “Budapest by Night” Bus excursion
19.00- Optional dinner gatherings
21.30-00.00 Informal gathering at hotel bar

Thursday, March 18

- 09.00-22.00 Registration & Information desk open. Collection of illustrations of “Europe & Technology.”
09.00-16.00 **Working Meeting**: Narratives on the European City– Protokoll Room
11.00-11.45 **Press Conference** – Zsolnay Room
14.00-16.00 **Introduction to the Tensions of Europe Project** (for Newcomers) – Benczúr II
14.00-17.00 **Working Meeting**: Colonialism, Decolonisation and Development– Business Center
14.00-17.00 **Working Meeting**: Technology and the Rise of Consumption – Mozaik Room
17.00-18.00 Coffee, Tea & Cakes – In the Lobby
18.00-19.00 **Welcome** - Budapest Room
Dr. Karen Freeze, Chair, Program Committee
Dr. Eva Vámos, Director General, Hungarian Museum of Science & Technology
Dr. János Schiffer, Deputy Mayor of Budapest
Dr. József Hámosi, Vice-President, Hungarian Academy of Sciences

Opening address & Discussion:
Dr. Reinder J. van Duinen, President of the European Science Foundation
The European Science Foundation and collaboration between research councils in Europe.

19.00-19.30 **Reception & Toast** – Hotel Benczúr Lobby
19.30-21.30 **Dinner & Small Working Groups** – Various – (See assignment in your conference package to be distributed at the registration desk)
21.30-22.00 **Presentation** by Eva Vámos: *Budapest as a Treasury of the History of Technology*

Friday March 19 (meetings are at CEU)

- 09.00-18.00 Registration and Information desk open. Collection of illustrations of “Europe & Technology.”
- 09.00-09.50 **Plenary session - Auditorium**
Johan Schot and Ruth Oldenziel (chair and co-chair of Tensions of Europe project)
The Past and Future of Tensions of Europe: Prelude
- 09.50-10.15 Coffee break – In front of the Gellner Popper Room
- 10.15-11.45 **Tensions of Europe Theme Workshops**
1. Engineering Europe: Big Technological Projects and Military Systems
– Popper Room
Chairs: Hans Weinberger, Royal Institute of Technology, Sweden
John Krige, Georgia Institute of Technology, USA
Helmut Trischler, Deutsches Museum, Germany
2. Colonialism, Decolonization and Development - Gellner Room
Chairs: Gabrielle Hecht, University of Michigan, USA
Harro Maat, Wageningen University, The Netherlands
3. Communication – Monument Building 201
Chair: Stefan Kaufmann, ETH (Swiss Federal Institute of Technology) Zürich, Switzerland
- 11.45-12.30 Lunch at CEU – In front of the Gellner Popper Room
- 12.30-14.15 **Tours – Start in front of the Hungarian Academy of Sciences**
Budapest bus tour &
Museum tour
- 14.30-16.00 **Tensions of Europe Theme Workshops**
4. European Mobility – Popper Room
Chair: Gijs Mom, Technical University Eindhoven, The Netherlands
5. Narratives on the European City - Gellner Room
Chair: Mikael Hard, Technical University Darmstadt, Germany
6. Agriculture and Food – Monument Building 201
Chair: Carmen Sarasua Garcia, Universitat Autònoma de Barcelona, Spain
- 16.00-16.15 Coffee Break– In front of the Gellner Popper Room
- 16.15-17.45 **Theme Workshops**
7. Technology and the Rise of the Consumer Society – Popper Room
Chair: Ruth Oldenziel, Foundation for the History of Technology, The Netherlands
8. Information Systems and Technology in Organisations and Society - Gellner Room
Chair: Matthias Kipping, Universitat Pompeu Fabra, Spain
9. Networking Europe – Monument Building 201
Chair: Arne Kaijser, Royal Institute of Technology, Sweden
Erik van der Vleuten, Technical University Eindhoven, The Netherlands
- 18.45-22.30 **Dinner with short concert by the chamber orchestra “Teatro di Musica” (Military museum)**
Busses leave from Benczur Hotel at 18.45

Saturday, March 20 (Meetings at CEU)

0.900-18.00 Registration and information desk open – In front of Auditorium

09.00-10.00 **Dialogue Workshops**

1. Is there a “European state” driving technological change? – Room F309

Chair: Robert Bud, The Science Museum, United Kingdom

Commentator: Ivan Tchalakov, Bulgarian Academy of Sciences, Bulgaria

Position Papers by

Hakon With Andersen, Norwegian University of Science and Technology, Norway

John Krige, Georgia Institute of Technology, USA

2. How can we make creative use of comparative studies? – Room F409

Chair: Sona Štrbánová, Research Center for History of Sciences, Czech Republic

Commentator: Mikael Hard, Technical University Darmstadt, Germany

Position Papers by

Pál Germuska, Institute of 1956, Hungary

Tom Misa, Illinois Institute of Technology, USA

3. Is there a European identity shaped by technology? – Room F509

Chair: Elizabeth Shove, Lancaster University, United Kingdom

Commentator: Helmut Trischler, Munich Center for the History of Technology, Germany

Position Papers by

Klaus Gestwa, University Tübingen, Germany

Johan Schot, Foundation for the History of Technology, The Netherlands

4. Gender, technology and European history – Room F609

Chair: Bart Hacker, Smithsonian Institution, USA

Commentator: Maria Rentetzi, Max Planck Institute for the History of Science, Germany

Position Papers by

Karen Zachmann, Deutsches Museum, Germany

Margaret Walsh, University of Nottingham, United Kingdom

5. In what ways is technology redefining Europe in a global context? – Room F809

Chair: Sonja Schmid, Cornell University, USA

Commentator: Karl-Erik Michelsen, South Karelian Institute, Finland

Position Papers by

Gabrielle Hecht, University of Michigan, USA

Maria Paulo Diogo, Universidade Nova de Lisboa, Portugal

6. Environment and European history – Room F909

Chair: Philip Scranton, Rutgers University, USA

Commentator: Arne Kaijser, Royal Institute of Technology, Sweden

Position Papers by

Paul Josephson, Colby College, USA

Daniel Alexandrov and Julia Lajus, European University at St. Petersburg, Russia

10.00-10.30 Coffee break – In front of Auditorium

10.30-12.00

Research Workshops

1. The Making of European Standards – Room F309

Chair: Bruce Pietrykowski, University of Michigan, USA

Television as a “conservative revolution”? A comparative study in the history of media in Europe (1950-1980)

Andreas Fickers, University of Utrecht, The Netherlands

Off the Leash -- A New Telecommunications Standard Unfolds its Potential. The Global System of Mobile Communications (GSM) as a Successful Standardization Process in Europe

Patrick Kammerer, ETH (Swiss Federal Institute of Technology) Zürich, Switzerland

Large telecommunication networks in Greece in the past 20 years – The role of telecommunication engineers

Dimitrios D. Xenikos, National Technical University of Athens, Greece

Industrialization and the Dynamics of European Integration: The Quest for a European Patent, 1949-2003

Eda Kranakis, University of Ottawa, Canada

2. The Politics and the Development of the Internet – Room F409

Chair: Pascal Griset, Université Paris-Sorbonne, France

The Tensions of Europe and the Origins and Early Development of the Internet

Ronda Hauben, Columbia University, USA

The Electronic Face of Power

Gabriella Szabo, Eötvös Lóránd University, Hungary

Information technology and internet as a working tool for science and scientific work

Franc Mali, University of Ljubljana, Slovenia

Davor Kozmus, University of Ljubljana, Slovenia

InterNyet: Why the Soviet Union Did Not Build a Nationwide Computer Network

Slava Gerovitch, Dibern Institute, USA

3. Defining Europe Through Collaboration Across Boundaries and Cultures

– Room F509

Chair: Håkon With Andersen, Norwegian University of Science and Technology, Norway

Going Dutch or sharing the European Experience. The European orientation of Dutch urban engineers and Dutch examples for European urban practices, 1860-1910

Hans Buijter, Technical University Eindhoven, The Netherlands

Competition and Cooperation in Colonial Technological Development: The European and Colonial Sugar Industries

Donna Mehos, Technical University Eindhoven, The Netherlands

Biotechnologies as a European Joint Venture

Sona Štrbánová, Research Center for History of Sciences, Czech Republic

The Ethos of Science, Local Scientific Community and Political Power: Clashes and Compromises in Soviet Science

Evgeny Vodichev, Russian Academy of Sciences, Russia

Background paper: *The beginnings of sugar industry development in the Czech lands and their impacts*

Miroslav Novák, National Technical Museum, Czech Republic

Constructing Everyday Life in Europe – Room F609

Chair: Dobrinka Parusheva, Bulgarian Academy of Sciences, Bulgaria

(Re)ordering the British kitchen: technology and practice in good housekeeping 1922-2002
Dale Southerton, Martin Hand, Alan Warde, University of Manchester, United Kingdom
Elizabeth Shove, Lancaster University, United Kingdom

The “Perestroika” of Retail Trade: Visionary Planning for a Revolution in Retailing
Amy E. Randall, The University of Mississippi, USA

The Digital Supermarket

Katja Girschik, ETH (Swiss Federal Institute of Technology) Zürich, Switzerland

5. The European City – Room F809

Chair: Elisabeth van Meer, University of Minnesota, USA

The City as Factory: Tensions among Politics, Technology and Architecture in the case of a Mediterranean city

Maria Rentetzi, Max Planck Institute for the History of Science, Germany
Spiros Flevaris, Independent Scholar, Greece

Narratives on the Socialist Cities

Sandor Horvath, Hungarian Academy of Sciences, Hungary

The European City Abroad: Adaptation and Transformation of the European Technological Expansion to Southeast Asia

Michael Toyka-Seid, Technical University Darmstadt, Germany

Eisenhüttenstadt, Kraków Nowa Huta and Kuněice Ostrava. Socialist industrialization in the former GDR, Czechoslovakia and Poland

Dagmara Jajęśniak-Quast, Europa Universität Viadrina, Germany

12.00-13.00 Lunch at CEU - In front of Auditorium

13.00-14.00 **Plenary Session & Keynote - Auditorium**

Yehuda Elkana, President and Rector of the Central European University
Ivan Krastev, Chairman and Research Director, Centre for Liberal Studies (Sofia, Bulgaria)
Reflections on the European Identity (-ies)

14.00-15.30 **Research Workshops**

6. Modernization Through Europeanization – Room F309

Chair: Eda Kranakis, University of Ottawa, Canada

Crash industrialization of the rural Balkan societies: The case of Bulgaria

Katja Nikova, Bulgarian Academy of Sciences, Bulgaria

Culture, Technology and Society: Balkan Meets Modernity

Dobrinka Parusheva, Bulgarian Academy of Sciences, Bulgaria

“Modernization” and Hungarian Agriculture in the Socialist Period

Zsuzsanna Varga, Eötvös Lóránd University, Hungary

“We have made great strides in building socialism in our village”:

Changes of way of life in rural society in Hungary after collectivization

Tibor Valuch, Eötvös Lóránd University, Hungary

*Modernization of Indonesian food production and Europeanization of the landscape;
Colonial technology and the export of productive landscapes*

Dianne van Oosterhout, Wageningen University, The Netherlands

7. Patterns of Innovation under Communist Rule – Room F409

Chair: Tom Misa, Illinois Institute of Technology, USA

Socialism as a society of networks and the problem of technological innovations

Ivan Tchalakov, Bulgarian Academy of Sciences, Bulgaria

A Czech-British Connection when Europe was De-Linked: Global Contributions to the Textile Machine Revolution in Communist Czechoslovakia

Karen Freeze, University of Washington, USA

The Organization of Work and Production in the Škoda Auto Factories in Mladá Boleslav (1948-1963)

Valentina Fava, University Bocconi, Italy

Why is Russia always retarded in automobile production?

Boris Shpotov, Russian Academy of Sciences, Russia

Institutional Form, Architectural Structure: The Cultural Origins of the Panel-Building in Czechoslovakia

Kimberly Elman, Columbia University, USA

8. Technology and National Identity in Europe – Room F509

Chair: Karl-Erik Michelsen, South Karelian Institute, Finland

States versus Nation: The Reichseisenbahnfrage and German identities, 1873-1877

Martijn Wit, University of Twente, The Netherlands

Is technology in modern Greece a relation of tension?

Michalis Assimikopoulos, University of Athens, Greece

The image of technological change in the history of Finnish computerization

Petri Paju, Hannu Salmi, Tanja Sihvonen, University of Turku, Finland

9. Machines as the Mirror of Europe – Room F609

Chair: Donna Mehos, Technical University, Eindhoven, The Netherlands

Session Introduction: Machines as Mirrors of Europe: Thoughts on Future 'Tensions of Europe' Research Based on Observations from the Greece-Europe Relationship

Aristotle Tympas, University of Athens, Greece

Foreign cars on Greek roads: Studying technical change in use in the history of the automobile in post-war Greece

Christos Karabatsos, University of Athens, Greece

"The Little England of the Near East": Imported models for Greece's Industrialization from the Interwar to the Civil War

Tasos Christodoulopoulos, University of Athens, Greece

Commentary by Irene Anastasiadou, Technical University Eindhoven, The Netherlands

Mechanisms of engendered presentation of foreign technology in Greek journals and periodicals: Review of an ongoing research program

Kate Papari, University of Athens, Greece

Commentary by Eleni Chatzimichali, Technical University of Darmstadt, Germany

Innovation through circulation. Non-Western contributions to the rise of Europe

Wim Ravesteijn, Delft University of Technology, The Netherlands

10. Power and Energy – Room F809

Chair: Paul Josephson, Colby College, USA

Nuclear Power Engineering in Russia and Eastern Europe: A Case Study in Soviet Techno-Politics.

Sonja Schmid, Cornell University, USA

The Swedish Debate over Breeder Reactors and Plutonium

Maja Fjæstad, Royal Institute of Technology, Stockholm

The Submarines' Larder: Galician Petroleum and the Central Powers' Fuel Supply during the First World War

Alison Frank, University of Wisconsin-Madison, USA

15.30-16.00 Coffee break – In front of Auditorium

16.00-17.00 **Plenary Session** – Auditorium

Johan Schot and Ruth Oldenziel

Past and Future of Tensions of Europe: Symphony or Song Cycle?

17.00-18.00 **Small Working Group Sessions** (See Room Assignments at Registration desk)

Imagining a Role for Technology in Europe

19.30-00.30 **Dinner & Performances & Party** (In Danube Palace)

The Danube Palace is 3 minutes walk from the CEU.

Sunday, March 21 (Meeting at the Hotel Benczúr)

09.30 – 14.30 *Extended Coordination Committee Meeting (Participation based on invitation only)*