

Science in Europe - Europe in Science : 1500-2000

Maastricht, 4-6 November 2004

Program

Thursday 4 November 2004

Location : Lecture Hall / Aula Minderbroedersberg 4-6 (Main building of UM)

17.00- Registration at the Reception desk in the entrance hall of Minderbroedersberg 4-6

19.00-19.10 Welcome by the President of the Board of Universiteit Maastricht

19.10-19.20 Opening of the Conference by Prof. Dr. Eddy Houwaart, chair of the organizing committee

19.20-20.00 Prof. Dr. Robert Fox, Public Lecture, open to the general public: The Fashioning of a Discipline: the European roots of the history and philosophy of science

20.00-21.30 Reception and Get Together Party

Friday 5 November 2004

Location : Lecture hall / Aula Minderbroedersberg 4-6

09.00-09.20 Welcome, and a short presentation of "The Netherlands as a historical laboratory, a new national research program on the circulation of scientific knowledge and practice in Europe and beyond," by Dr. Bert Theunissen, President of Gewina, and Dr. Lissa Roberts

09.20-10.00 Plenary lecture by Prof. Dr. Kostas Gavroglu: Transfer vs. Appropriation: Science at the European Periphery

10.00-10.40 Plenary lecture by Dr. Geert Somsen: What's European about science? Scientific internationalism and the place of Europe
Location : The conference proceeds at Tongersestraat 53, Faculty of Economics and Business Administration (five minutes walking)

10.40-11.30 Coffee Break (at Tongersestraat 53)

Science in Europe (Parallel sessions)

Session 1.A

- 11.30-11.55: László Filep (Nyíregyháza, Hungary) Hungarian mathematics in European context
- 11.55-12.20: Maria Paula Diogo & Ana Cardoso Matos (Lisbon, Portugal) Bringing it all back home: Portuguese engineers and their travels of learning
- 12.20-12.45: Bjørn Pedersen (Oslo, Norway) Training of a young Norwegian chemist in the 1830-ties in Europe

Session 1.B

- 11.30-11.55: Joaquim de Almeida & Isabel Malaquias (Aveiro, Portugal) Some acoustics instruments as a modern influence in 19th century Portugal
- 11.55-12.20: B.W.J. Grob (Leiden, The Netherlands) Willem Einthoven: founding father of electrocardiology and scientific entrepreneur in Europe
- 12.20-12.45: Marian Fournier (Leiden, The Netherlands) Opportune isolation: the development of the Dutch electron microscope

Session 1.C

- 11.30-11.55: Elsa Mota (Lisbon, Portugal) The diffusion of the "new physics" in a European periphery. The impact of the light bending experimental test (GTR) and its historical and sociological context
- 11.55-12.20: Keith A. Nier (Madison, NJ, USA) Staying at the Forefront in Mass Spectrometry: European Success and Scientific Internationalism since WW II
- 12.20-12.45: Anja Skaar Jacobsen (Roskilde, Denmark) Marxism and the epistemology of quantum physics elucidated through the case of Léon Rosenfeld

Session 1.D

- 11.30-11.55: Gerhard Pohl (Linz, Austria) The reestablishment of the Ignaz L. Lieben Foundation and the Lieben Prize for natural sciences
- 11.55-12.20: Karel Mulder (Delft, The Netherlands) Technology forcing or consensus building: Differences between US and Europe regarding steering of Techno-science. Replacing CFC's as an example
- 12.20-12.45: Gotthard Bechmann (Karlsruhe, Germany) The Social and Political Control of Knowledge in Europe
- 12.45 -14.15: Lunch

Session 2.A

- 14.15-14.40: Manolis Patiniotis (Athens, Greece) Periphery reassessed: Newtonianism in the Greek context
- 14.40-15.05: Magdalena Hykšová (Prague, Czech Republic) Bolzano, Cauchy and Royal Bohemian Society of Sciences
- 15.05-15.30: Annette Mülberger (Barcelona, Spain) Travelling science in Europe: German psychology in Spain

Session 2.B

- 14.15-14.40: Albrecht Heeffer (Ghent, Belgium) The transmission of algebra in sixteenth-century Europe
- 14.40-15.05: François Loget (Limoges, France) The place of Algebra in Ramus mathematics and its reception at the end of the 16th century
- 15.05-15.30: Martina Bec(vár(ová (Czech Republic) Euclid's Elements in the Czech Lands

Session 2.C

- 14.15-14.40: Heiner Fangerau & Irmgard Müller (Düsseldorf / Bochum, Germany) Science in crisis? Jacques Loeb's (1859-1924) analysis of German science around 1900 in his correspondence with Ernst Mach (1838-1916)
- 14.40-15.05: Claude Debru (Paris, France) The development of neurophysiology in France after the Second World War in the international and European context
- 15.05-15.30: Jean-Gaël Barbara (Paris, France) Foundation and development of experimental physiology as a discipline in Europe

Session 2.D

- 14.15-14.40: Irina Gouzévitch & Dmitri Gouzévitch (Paris, France) Printing books as dissident action of sovereigns: three examples from the history of Ancient Russia (late 15th - late 17th century)
- 14.40-15.05: Son(a Štrbán(ová (Prague, Czech Republic) International contacts of the Czech scientific societies 1860-1914 between patriotism, nationalism, internationalism and Slavic romanticism
- 15.05-15.30: Juozas A. Krikstopaitis (Vilnius, Lithuania) The influence of European political history on the destiny of science and education of the Baltic states
- 15.30-16.15: Tea break

Session 3.A

- 16.15-16.40: Michal Kokowski (Poland) Nicolaus Copernicus and the interdisciplinary problem of integration...
- 16.40-17.05: Helge Kragh (Aarhus, Denmark) From published correspondence to the scientific journal
- 17.05-17.30: Dana Jalobeanu (Arad, Romania) From "New Atlantis" to the Royal Society: What kind of scientific network for Europe?
- 17.30-17.55: Sven Dupré (Ghent, Belgium) "Burning Beams", "Perspective beams" and the Identity of a "Mathematical Practitioner"

Session 3.B

- 16.15-16.40: Romualdas Sviedrys (Brooklyn, New York, USA / Kaunas, Lithuania) Lithuania's Jesuit astronomers and the transit of Venus of 1769
- 16.40-17.05: Ana Simões, Maria Paula Diogo & Ana Carneiro (Lisbon, Portugal) Home and Away: the views on science in Portugal and Europe of an eighteenth-century Portuguese naturalist
- 17.05-17.30: Manuel S. Pinto (Aveiro, Portugal) The Italian scholar Domenico Vandelli (1730 - 1816) and the progress of Natural History in Portugal

Session 3.C

- 16.15-16.40: Annette Vogt (Berlin, Germany) Foreign Mathematicians in Germany, German Mathematicians in Europe - Interactions in Science and Higher Education in the 19th and 20th Centuries (1870-1950)
- 16.40-17.05: Anita Honkala (Oulu, Finland) Chemical messengers between the empires: Finnish top chemists in German laboratories
- 17.05-17.30: Annette Lykknes (Norway) The making of a research laboratory of radiochemistry in Oslo: Ellen Gleditsch and her international networks

Session 3.D

- 16.15-16.40: Godelieve van Heteren (Amsterdam, The Netherlands) Medicine, Mobility and Morals International Medical Conferences (1867-1913) and the European Search for National Medical Identities
- 16.40-17.05: Isabel Malaquias, Emília Vaz Gomes (Aveiro, Portugal) Some Portuguese international scientific contacts in the 19th century
- 17.05-17.30: Charles van den Heuvel (Maastricht, The Netherlands) Visualising Organisations and Organising Visualisations: Otlet's Sketches for a Synthesis of the Sciences in a European Context and the WWW
- 19.30-22.30: Conference Dinner

Saturday 6 November 2004

Location : Tongersestraat 53, Faculty of Economics and Business Administration

- 09.30-11.00: Aula / Lecture Hall Tongersestraat 53 General Assembly ESHS (members only)
- 11.00-11.30: Coffee Break

Europe in Science (Parallel sessions)

Session 4.A

- 11.30-11.55: Brigitte Hoppe (Munich, Germany) The appearance and meaning of „Europe“ and „European“ in natural history and especially plant science in early Modern Times
- 11.55-12.20: Helen Blackman (Cambridge, UK) Lampreys, lungfish and elasmobranchs: an economy of European travel
- 12.20-12.45: Patricia E. Faasse (Amsterdam, The Netherlands) Wine, bulbs, lice and politics: a case of European science

Session 4.B

- 11.30-11.55: Maarten Bullynck (Ghent, Belgium) Logarithmics and the Manipulation of Number in the early 19th Century
- 11.55-12.20: Anita Kildebaek Nielsen (Aarhus, Denmark) Creating Scandinavian Identities in Chemistry
- 12.20-12.45: Martine Duquesne (Paris, France) Ethnology in Europe today. The case of the European yearly issues of the French journal 'Ethnologie française'

Session 4.C

- 11.30-11.55: Peter Reed (Herefordshire, UK) Omissions in Anglo-French Chemical Dictionaries 1766-1789: A Case of Preventing Industrial Espionage
- 11.55-12.20: Fernanda Madalena, Elisa Maia & Sara Carvalho (Lisbon, Portugal) The History of Chemistry of the Polytechnic School of Lisbon traced through the labels of the 19th Century collection of chemical products
- 12.20-12.45: Albert Presas i Puig (Berlin, Germany) The scientific relationship between Germany and Spain: Technology transfer and international politics in the twentieth century

Session 4.D

- 11.30-11.55: Lawrence M. Principe (Baltimore, Maryland, USA) Wilhelm Homberg's Wanderjahre: Intellectual Formation and Transnational Networks
- 11.55-12.20: Palmira Fontes da Costa & António Jesus (Lisbon, Portugal) Ribeiro Sanches and the exchange of medical knowledge in eighteenth-century Europe
- 12.20-12.45: Jacalyn Duffin (Kingston, Ontario, Canada) Jodocus Lommius' Little Golden Book (1560-1792) and the Renaissance of Diagnostic Semeiology
- 12.45-14.30: Lunch
- 13:30-14:15: Algemene Ledenvergadering Gewina, alleen toegankelijk voor Gewinaleden, Aula Tongersestraat 53 (General assembly of the Dutch Society Gewina, members only, Lecture Hall Tongersestraat 53)

Session 5.A

- 14.30-14.55: Ida Stamhuis (Amsterdam, The Netherlands) The Statistical Movement in Europe before the International Statistical Congresses
- 14.55-15.20: Thomas Dahl (Trondheim, Norway) The "normalization" of European Medicine
- 15.20-15.45: Dirk van Delft (Leiden, The Netherlands) The Leiden Physical Laboratory of Heike Kamerlingh Onnes: a European Center for Cryogenic Research

Session 5.B

- 14.30-14.55: Aurimas Andriusis (Vilnius, Lithuania) The scientific research in the field of the history of medicine in Lithuania (From the end of the 18th to the 20th century)
- 14.55-15.20: Henrik Kragh Sørensen (Kristiansand, Norway) Formation of regional research traditions in mathematics in Scandinavia
- 15.20-15.45: Roman Duda (Poland) The revival of mathematics in Poland after 1918

Session 5.C

- 14.30-14.55: Jeremy Leighton John (London, UK) European Scientific Manuscripts at the British Library
- 14.55-15.20: Gregor Schiemann (Tübingen, Germany) French and German philosophy of science: The opposing relationship between theory and history of science in Pierre Duhem and Ernst Mach
- 15.20-15.45: Antoni Roca-Rosell (Spain) The "Catalan Section" of the Académie Internationale d'Histoire des Sciences (1934): regional history for a European Project

Session 5.D

- 14.30-14.55: Lisa Rosner (Pomona, NJ, USA) Enlightened Science in Enlightenment Universities: A European Perspective

- 14.55-15.20: Ricardo Samuel (Clinton, NY, USA) Comparative Historical Sociology of Science: Towards a New Research Paradigm
- 15.20-15.45: Terry Shinn (Paris, France) From Intellectual / institutional Fragmentation toward Cognitive Transversality in the Sciences: The Birth and Evolution of European Research Technologies, 1860-2000
- 15.45-16.15: Tea break
- 16.15-17.25: Concluding Lecture (to be confirmed) and final discussion
- 17.25-17.30: President of ESHS: Farewell