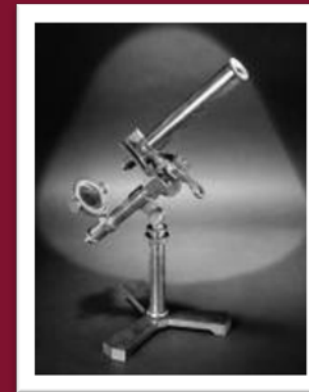


Corfu, Mon Repo Palace
21-24 June 2012

8th STEP meeting



Science and Technology in the European Periphery



Programme

Friday, 22 June 2012

9:00-9:15 **Opening** - Local Committee

9:15-10:15 **Keynote Speaker** - Prof. Jürgen Renn (MPIWG, Berlin)

10:15-11:45 **Session 1a**

Science and the Press I - Institutions & Communities

Organiser: Eirini Mergoupi-Savaidou (National and Kapodistrian University of Athens)

Chair: Maria Paula Diogo (CIUHCT- Universidade de Lisboa)

Andreas Vourtsis & Sylva Haralambous (National and Kapodistrian University of Athens)

"Pasteurization of Greece and the Press: The Case of Pampoukis' Institute"

Teresa Salomé Mota (CIUHCT- Universidade de Lisboa)

"The worth of geology: a public crusade"

Jorge Molero-Mesa, Isabel Jiménez-Lucena & Carlos Tabernero (CEHIC- Universitat Autònoma de Barcelona; Universidad de Málaga)

"Multiple levels of periphery: the re-signification of scientific-medical knowledge and related inclusion-exclusion dynamics in the Spanish anarchist press of the first third of the 20th century"

Session 1b

Museums and Collections in Researching and Communicating the History of Science

Organiser: Anastasia Filippoupoliti (Democritus University of Thrace)

Chair: Anastasia Filippoupoliti

Jaume Sastre-Juan & Jaume Valentines-Álvarez (CEHIC- Universitat Autònoma de Barcelona and Universitat Politècnica de Catalunya)

"Imagining a 'Technotheque' for Barcelona. Some thoughts on the technical museum as cultural form (1914-1939)"

Samuel Gessner (CIUHCT- Universidade de Lisboa)

"Through the filter of history - how early instruments bear witness to mathematical culture in Portugal around 1600"

Thomas McCloughlin (St. Patrick's College, Dublin City University)

"The material culture of science education and its relationship with the history of science"

Ana Carneiro, Maria Paula Diogo, Ana Simões, Isabel Zilhão, Eirini Mergoupi-Savaidou, Faidra Papanelopoulou, Spyros Tzokas, Pedro Ruiz-Castell, Ignacio Suay Matallana and Juan M. Bonet (CIUHCT- Universidade de Lisboa; National and Kapodistrian University of Athens; IHMC-Universitat de València)

"Comparing the public perceptions of science and technology in the Greek, Portuguese and Spanish daily press: the case of the return of Halley's Comet (1910)"

Sébastien Soubiran and Marie-Dominique Wandhammer (Jardin des Sciences, University of Strasbourg; Musée zoologique de Strasbourg)

"When science was measuring spirits' or how to exhibit the cultural dimension of science"

Commentator: Josep Simon (Université Paris Ouest)

11:45-12:15

Coffee Break

12:15-13:30

Session 2a

Things into Collectables. The Making of Spanish American Collections, 1790-1900

Organiser: Miruna Achim & Stefanie Gänger (Universidad Autónoma de México and University of Constance)

Chair: Samuel Gessner (CIUHCT- Universidade de Lisboa)

María Eugenia Constantino (CINVESTAV)

"Mandamos lo que se puede y no lo que se pide": The formation of collections of natural history in late eighteenth-century New Spain"

Miruna Achim (Universidad Autónoma de México)

"Collecting for the National Museum of Mexico, 1820-1840"

Session 2b

Science and the Press II - Education & Popularization

Organiser: Eirini Mergoupi-Savaidou (National and Kapodistrian University of Athens)

Chair: Faidra Papanelopoulou (National and Kapodistrian University of Athens)

Catarina Capella & Bernardo Oliveira (Univ. Federal de Minas Gerais)

"From Europe to Brazil: traveling spectacles of science and illusion in the nineteenth century"

Isabel Zilhão (CIUHCT- Universidade de Lisboa)

"Science and technology for children in the Portuguese daily press (1924-1933)"

Stefanie Gänger (University of Constance)

"Of friends and foes. José Mariano Macedo and his antiquarian networks"

Commentator: Pedro Raposo (CIUHCT- Universidade de Lisboa)

Apostolos Gerontas & Annette Lykknes (Norwegian University of Science and Technology)

"The first steps of the High Performance Liquid Chromatography (HPLC) instrumentation: Discussing the role of the Press in the dissemination of analytical technology at the end of the 1960s and early 1970s"

Commentator: Ana Simões (CIUHCT- Universidade de Lisboa)

13:30-15:30

Lunch Break

15:30-17:00

Session 3a

Rethinking Instruments and Measure: Entangled Objects across Cultures and Practices I

Organiser: Gisela Mateos, Josep Simon & Stefan Pohl (Universidad Nacional Autónoma de México, Université Paris Ovest and Universidad del Rosario)

Chair: Stefan Pohl (Universidad del Rosario)

Gisela Mateos & Edna Suárez (Universidad Nacional Autónoma de México)

"Circulation and standardization of science during the Cold War: Technoscientific practices in Mexico"

Josep Simon (Université Paris Ovest)

"Beyond Technological Milestones: Instruments and the Making of Medical Physics as a Discipline"

Session 3b

Publishing Ventures in Science, Technology and Medicine

Organiser: Scientific Committee

Chair: Isabel Zilhão (CIUHCT- Universidade de Lisboa)

George N. Vlahakis (Hellenic Open University)

"The remarkable Mr. Adolphe visits Athens. His unintentional journey to the cosmos of the Greek physics textbooks of the nineteenth century"

Vassilis A. Bogiatzis (National and Technical University of Athens)

"Public Understanding of Science and Technology in Greece: Analyzing Secondary Education Essay Textbooks"

Laura Cházaro (CINVESTAV)

"The material life of medical practices: production and circulation of instruments in nineteenth-century Mexico"

Commentator: Antonio García-Belmar (Universitat d'Alacant)

Christina Banou (Ionian University)

"Bridging the past and the future in Scientific, Technical, Medical publishing in the European periphery"

Commentator: Christiana Christopoulou (National and Kapodistrian University of Athens)

17:00-17:30

Coffee Break

17:30-19:00

Session 4a

Rethinking Instruments and Measure: Entangled Objects across Cultures and Practices II

Organiser: Gisela Mateos, Josep Simon & Stefan Pohl (Universidad Nacional Autónoma de México, Univ. Paris Ouest and Universidad del Rosario)

Chair: Gisela Mateos

Adriana Minor & Gisela Mateos (Universidad Nacional Autónoma de México)

"Inter-American Scientific Relations: the International Cosmic Rays Network"

Joel Vargas Domínguez (Universidad Nacional Autónoma de México)

"Crossing global and local interests: Mexico at the United Nations Conference on Food and Agriculture in 1943"

Stefan Pohl (Universidad del Rosario)

"Global standards for a local reality: The science of nutrition and the construction of the social in Colombia, 1870-1940"

Commentator: Ximo Guillem (IHMC-Universitat de València)

Concluding Remarks: Antonio García-Belmar & Ximo Guillem (Universitat d'Alacant & IHMC- Universitat de València)

Session 4b

Women in Science

Organiser: Scientific Committee

Chair: Luis Miguel Carolino (CIUHCT- Universidade de Lisboa)

Júlia Gaspar (CIUHCT- Universidade de Lisboa)

"Atomic and Nuclear Research, Pole of Attraction for Portuguese Women (1940-1970)"

Polyxeni Giannakopoulou (National and Technical University of Athens)

"Middle-class women, transmission of medical knowledge and social reform at the turn of the twentieth century Greece"

Ana Cristina Martins (IICT - Instituto de Investigação Científica Tropical)

"Women in Tropical Science. Forgotten yesterday; recovered today"

Commentator: Annette Lykknes (Norwegian University of Science and Technology)

Saturday, 23 June 2012

9:15-10:45

Session 5a

Experts in the Periphery I

Organiser: J. R. Bertomeu & Ximo Guillem (IHMC- Universitat de València)

Chair: Ximo Guillem

Duygu Aysal Cin (Bilkent University)

"Ottoman Istanbul's Electrification Electrification Concession and the Role of the Ottoman Officials during the Decision Making Process"

Stathis Arapostathis (Cardiff University)

"Mediating Electrical Innovations, Authority and Consulting Expertise in the late Victorian and Edwardian Britain"

Silke Fengler (University of Vienna)

"Experts Between War and Peace' – Austrian and West German Experts and the International Pugwash Movement During the Second Cold War"

Commentator: José R. Bertomeu

Session 5b

Moving localities: networks, circulation and knowledge production I

Organiser: Manolis Patiniotis, Ana Simões & Pedro Raposo (National and Kapodistrian University of Athens; CIUHCT- Universidade de Lisboa)

Chair: Ana Simões

Dagmar Zadrazilova (University of Cambridge)

"Circulating Knowledge of Early Medical Studies: Travelling People, Images and Practices between Italy and England"

Manolis Patiniotis (National and Kapodistrian University of Athens)

"The burden of translation: Eugenios Voulgaris and the circulation of knowledge in Eastern Europe"

Antonio Sánchez & Henrique Leitão (CIUHCT- Universidade de Lisboa)

"The material culture of science education and its relationship with the history of science"

Pedro M. P. Raposo (CIUHCT- Universidade de Lisboa)

"Circulation and the (dis)embodiment of astronomy: the making of metropolitan and colonial observatories through the travels of Portuguese astronomers (1858-1908)"

10:45-11:15

Coffee Break

11:15-12:45

Session 6a**Experts in the Periphery II**

Organiser: J. R. Bertomeu & Ximo Guillem (IHMC-Universitat de València)

Chair: José R. Bertomeu

Mar Cuenca Lorente (IHMC-Universitat de València)

“Creating and reforming toxicology in Spain: Seeking for a community of experts in the Nineteenth-century”

Marina Loskutova (Institute for the history of science and technology, St. Petersburg branch)

"The Ministry of State Domains and the issues of environmental expertise in the 19th century Russian empire"

Federico D'Onofrio (University of Utrecht)

"Knowing to transform: Agricultural experts and the rise of agricultural economics in Italy in the early 20th century"

Iraklis Katsaloulis (National and Kapodistrian University of Athens)

"Earthquake Prediction in Greece: The History of a Scientific Controversy"

Commentator: Ximo Guillem (IHMC-Universitat de València)

Session 6b**Moving localities: networks, circulation and knowledge production II**

Organiser: Manolis Patiniotis, Ana Simões & Pedro Raposo (National and Kapodistrian University of Athens; CIUHCT-Universidade de Lisboa)

Chair: Pedro Raposo

Marta Macedo (CIUHCT- Universidade de Lisboa)

“Cocoa Empire: agricultural science and forced labour in the colonial world”

Ana Carolina Vimieiro Gomes (Universidade Federal de Minas Gerais)

“Italian Constitutional Medicine and the Emergency of Biotypology in Brazil, 1930-1950”

Gabor Pallo (Hungarian Academy of Sciences)

“The Strength of Strong Ties: the Role of Networking in the Movement of Hungarian Scientists”

Isabel Amaral (CHFCT- Universidade Nova de Lisboa)

“Aldo Castellani in Portugal – a project of live on tropical medicine”

Commentator: Kostas Gavroglu (National and Kapodistrian University of Athens)

12:45-14:00

Session 7a**Centres and peripheries revisited****Organiser:** Scientific Committee**Chair:** Anders Lundgren (Uppsala University)**Robert Marc Friedman** (Univ. of Oslo & Johns Hopkins University)

"Imperfect Excellence: The Nobel Prizes and the European Periphery"

Jaume Navarro (Universidad del Pais Vasco)

"When the Centre becomes peripheral. Early quantum physics in Cambridge "

Maria Zarifi (University of Thessaly/ Hellenic Open University)

"Reconstructing European periphery: the debate on educational, scientific and economic changes in post-war Greece in the 'Antaios' Journal 1945-1951"

Commentator: Geert Vanpaemel (University of Leuven, Brussels)**Session 7b****Natural Philosophy / Natural Theology****Organiser:** Scientific Committee**Chair:** Oliver Hochadel (Institució Milà i Fontanals)**José Alberto Silva** (CIUHCT- Universidade de Lisboa)

"Apologetics in Eighteenth-Century Europe: Bridging the Great Divide"

Dimitris Petakos (National and Kapodistrian University of Athens)

"Centre's Peripheries: The many faces of 18th-century Newtonian Philosophy"

Jesús Maria Galech (CEHIC- Universitat Autònoma de Barcelona)

"Shaping the public image of a scientific controversy: The Gaceta de Madrid and the medical-astrological polemic in early 18th Century Spain"

Commentator: Oliver Hochadel (Institució Milà i Fontanals)

14:00-16:00

Lunch Break

16:00-17:30

Session 8a**Popularizing Science and Technology**

Organiser: Agustí Nieto Galan & Faidra Papanelopoulou
(CEHIC- Universitat Autònoma de Barcelona and National and Kapodistrian University of Athens)

Chair: Faidra Papanelopoulou

Enrique Perdiguero (Miguel Hernández University)

“Monitoring the introduction of ‘vitamins’ in Spanish society (1920-1970) through the press”

Johan Kärnfelt (Göteborgs Universitet)

“Knut Lundmark, Meteors and an Early Swedish Crowdsourcing Experiment”

Daan Wegener (VU University Amsterdam)

“Knut Lundmark, Meteors and an Early Swedish Crowdsourcing Experiment”

Alfredo Menéndez-Navarro & Mikel Astrain-Gallart (Universidad de Granada)

“Asbestos hazards and media in Spain during the transition to democracy”

Commentator: Agustí Nieto Galan (CEHIC- Universitat Autònoma de Barcelona)

Session 8b**Education and Institutions**

Organiser: Scientific Committee

Chair: Elena Serrano (CEHIC- Universitat Autònoma de Barcelona)

Geert Vanpaemel (University of Leuven, Brussels)

“New Math in Europe. The role of international organizations and the influence of the periphery”

Anders Lundgren (Uppsala University)

“Transfer of Sensual Knowledge through Material Objects: The Case of Chemistry”

Inês Gomes (CIUHCT- Universidade de Lisboa)

“The Natural History Collection of the Military College of Lisbon”

Luís Miguel Carolino (CIUHCT- Universidade de Lisboa)

“The foundation of the Astronomical Observatory of the Lisbon Polytechnic School in late nineteenth century: a step towards the establishing of a university in Lisbon”

Commentator: Robert Marc Friedman (University of Oslo & John Hopkins University)

Sunday, 24 June 2012

9:15-10:45

Session 9a

**Searching for Human Origins on the European Periphery
Paleoanthropology in Catalonia (1940s-present)**

Organiser: Oliver Hochadel (Institució Milà i Fontanals, Barcelona)

Chair: Ana Cristina Martins (Instituto de Investigação Científica Tropical)

Clara Florensa (CEHIC- Universitat Autònoma de Barcelona)

“Appropriating evolutionary theory in Francoist Spain. The case of La Vanguardia Española(1939-1978)”

Carlos Acosta (CEHIC- Universitat Autònoma de Barcelona)

“Paleontology and Paleoanthropology in Spain in the twentieth century, from the periphery to the centre, a round trip”

Miquel Carandell (Universitat Autònoma de Barcelona)

“A Different Dimension: Center-Periphery relations in the Public Controversy on the ‘Orce Man”

Oliver Hochadel (Institució Milà i Fontanals, Barcelona)

“Citizen and Scientist. The multiple roles of the public archaeologist Eudald Carbonell”

Commentator: Jesús María Galech (CEHIC- Universitat Autònoma de Barcelona)

Session 9b

Scientific and Technological Networks and Expertise

Organiser: Scientific Committee

Chair: Jaume Sastre (CEHIC- Universitat Autònoma de Barcelona)

Yiannis Garyfallos (National and Kapodistrian University of Athens)

“Conflicting Visions of Centres and Peripheries in Realised and Imaginary Technological Networks: From World War II to the Greek Civil War”

Irene Anastasiadou and Aristotle Tympas (National and Kapodistrian University of Athens)

“European Periphery and Technological Failure: Keeping Notes on the History of Railway Accidents in Greece”

Christophe Benoist (Observatoire de la Côte d’Azur, Nice)

“The foundation and early phase of the Imperial Observatory of Constantinople”

William Carruthers (University of Cambridge)

“Setting Standards: The Construction of Western Expertise in Revolutionary Egypt”

Commentator: Stathis Arapostathis (Cardiff University)

10:45-11:15

Coffee Break

11:15-12:45

Session 10a**Psychology and Psychiatry****Organiser:** Scientific Committee**Chair:** Ana Carolina Vimieiro Gomes (UFMG – Univ. Federal de Minas Gerais)**Mònica Balltandre, Annette Mülberger & Andrea Graus** (CEHIC-Universitat Autònoma de Barcelona)

“God, science and supernatural powers: spiritual mind and brain theories at the beginnings of the twentieth century in Spain”

Sigrid Leyssen (University Basel)

“Images of causality in their different materialities”

Sarah Marks (University College London)

“Transnational Connections: Cybernetics and Psychiatry in Cold War Czechoslovakia”

Oscar Montero-Pinch (CEHIC- Universitat Autònoma de Barcelona)

“Intersections of psychology, criminology and medicine: Fuster’s experimental tests on moral crime in Catalonia”

Commentator: TBA**Session 10b****Medicine and Public Health****Organiser:** Scientific Committee**Chair:** Mar Cuenca Lorente (IHMC-Univ. de València)**Constantinos Morfakis** (National and Kapodistrian University of Athens)

“Public image of ‘maverick’ cloners in the Greek daily press”

Maria Bottis (Ionian University)

“Proof by experts and technology in civil and common law medical negligence trials: from the oath to the cardiogram”

Heini Hakosalo (University of Oulu)

“Peripheral practice: Medical science in the work of Finnish municipal doctors during the interwar period”

Katerina Vlantoni (National and Kapodistrian University of Athens)

“Promoting biomedical technology: media discourses on the introduction of molecular diagnostics in transfusion medicine in Greece”

Commentator: Enrique Perdiguero (Miguel Hernández University)

12:45-15:00

Lunch Break

15:00-17:00

General Assembly