



World Exhibitions & Museums of Science and Technology Expositions Universelles & Musées de la Science et de la Technique

- International Workshop -

Museum of Science
University of Lisbon
10 October 2008



World Exhibitions have been instrumental in the globalization of science and technology. In World Exhibitions, countries displayed and publicized their scientific and technological advances and visitors passed on information and reproduced knowledge in their countries of origin.

Governments appointed committees to study the technological progress of other countries. These studies and the reports of the members of these committees, as well as the acquisition of machines, were paramount for the transfer of technology. Visits to World Exhibitions by politicians and administrators resulted in the development of technological and industrial teaching and the modernisation of national economies. The Exhibitions brought into existence a number of museums which promoted scientific, technical and industrial advances and supported teaching in technical centres, schools and universities.

This International Workshop is devoted to the analysis and discussion of two main topics: i) the World Exhibitions and the circulation on scientific and technological knowledge and ii) the World Exhibitions and Museums of Science and Technology.

Organising Committee:

Ana Cardoso de Matos (Chair)
CIDEHUS/University of Évora

Marta Lourenço
CHCUL/Museum of Science, University of Lisbon

Irina Gouzevitch
Centre Alexandre Koyré /EHESS, Paris

PROGRAMME

- 9.00 **Registration**
(Museum Entrance)
- 9.15 **Opening Session**
(Anfiteatro Manuel Valadares)
Ana Cardoso de Matos, CIDEHUS/University of Évora
Irina Gouzevitch, Centre Alexandre Koyré /EHESS, Paris
Marta Lourenço, CHCUL/Museum of Science, University of Lisbon
- 9.30 **Session World Exhibitions and the Circulation of Scientific and Technological Knowledge (A)**
Chair: Helena Souto, Escola Superior de Design/IADE
- From the Crystal Palace to the Palais de l'Optique. Science and Scientific Instruments at the Universal Exhibitions*
Paolo Brenni, CNR/Fondazione Scienza e Tecnica, Firenze
- La photographie témoin de l'innovation technique dans les fonds des expositions universelles*
Christiane Demeulenaer-Douillière, Archives nationales, Paris
- Experiencing Progress. Technology as entertainment in world exhibitions at the turn of the twentieth century*
Taina Syrjämaa, University of Turku, Finland
- Discussion
- 11.15 Coffee-Break
- 11.45 **Session World Exhibitions and the Circulation of Scientific and Technological Knowledge (B)**
Chair: Marta Lourenço, CHCUL/Museum of Science, University of Lisbon
- Scientists and Engineers at the Universal Exhibition of Barcelona (1888)*
Antoni Roca-Rosell; Guillermo Lusa-Monforte; Jesús Sánchez-Miñana - Escuela Politecnica de Barcelona
- The first international exhibitions of aeronautics and the technological transfers into Europe (1900-1920)*
Claudine Fontanon, (EHESS/Centre Alexandre Koyré)
- Discussion
- 13.00 Lunch
- 14.30 **Session World Exhibitions and Museums of Science and Technology**
(Anfiteatro Manuel Valadares)
Chair: Paolo Brenni, CNR/Fondazione Scienza e Tecnica, Firenze
- Préfiguration d'un musée technique moderne : sur les traces du Cabinet des machines de Madrid (1792-1808)*
Irina Gouzévitch et Dmitri Gouzévitch, EHESS, Paris

From the world exhibition to the Portuguese museums of technology of the second half of the nineteenth century

Ana Cardoso de Matos, CIDEHUS/University of Évora

Inventing a Modern Paris: The Dynamic Relationship between Expositions, Urban Development and Museums

Miriam Levin, Case Western University, Cleveland

Discussion

16.30 Coffee-Break

17.00 **Visit to the Collections of the Instituto Superior de Engenharia de Lisboa, on display at the Museum of Science**

Catarina Leal, Instituto Superior de Engenharia de Lisboa

17.45 **Visit to the Laboratorio Chimico, Museum of Science (19th century)**

Marta Lourenço, CHCUL/Museum of Science, University of Lisbon

Organising Institutions

CIDEHUS, Centro Interdisciplinar de História, Cultura e Sociedades da Universidade de Évora
Museu de Ciência da Universidade de Lisboa

Executive Secretariat

Valentina Castro, CIDEHUS

Paula Gualdrapa, Museum of Science, University of Lisbon

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Centro de História e Filosofia da Ciência e Tecnologia
Universidade Nova de Lisboa



Comissão Nacional Portuguesa do ICOM

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