

## THE THEME OF THE WORKSHOP

The current workshop brings together historians of science and technology to discuss the polemical relation between technoscience and fascism in the twentieth century. Along with the more traditional aim of trailing the changes in scientific practices following the establishment of political regimes labelled as fascist we wish to explore the crucial role played by technoscience on conceiving and materializing totalitarian dreams of new social designs. By shifting the centre of attention from antiscientific practices to the work of the many scientists mobilized by the State for the construction of a fascist society, historians started to produce by the end of the 1980's new accounts of the importance of laboratories in Nazi Germany, Fascist Italy and Franco's Spain. As scientists and engineers adapted their practices to the opening up of opportunities as well as the imposition of restrictions by the new rule, political dreams were enlarged by technological innovations and laboratory work.

Although the copious literature produced by the research program fostered from 1999 to 2004 by the Max Planck Society on the "History of the Kaiser Wilhelm Society in the National Socialist Era", already offered a complete renewal on the understanding of science and Nazism, a more general comparison with other fascisms was never tried. If political scientists dealing with fascism are progressively more akin to comparative perspectives, historians of science and technology have not yet faced the challenge of confronting simultaneously different fascisms. By bringing together scholars working on Germany, Italy, Spain, Greece and Portugal, we thus hope to make the history of science and technology more relevant to the general understanding of fascism.

The following topics will be open to discussion:

- 1) *Research for Fascism*: National laboratories, Big Science, Technoscience and the Military;
- 2) *Total Planning*: scientists and engineers in Five-year plans; Spatial Planning; Research for Autarky;
- 3) *Building the Fascist Landscape*: auto-bahn, dams, forests, cotton fields, Plan Badajoz...;
- 4) *Comparing Technoscience Practices*: fascism in different countries, fascism vs democracy, prefascist vs fascist.

## ORGANIZED BY

### SCIENTIFIC COMMITTEE

CHAIRMAN:

Tiago Saraiva (ICS/UL)

MEMBERS:

Ana Carneiro (CHFCT/DCSA, FCT/UNL)

Maria Paula Diogo (CHFCT/DCSA, FCT/UNL)

Henrique Leitão (CHC-UL, FCUL)

Ana Cardoso de Matos (CIDEHUS, UE)

Ana Simões (CHC-UL, FCUL)

### ORGANIZING INSTITUTIONS

CHC-UL - Centre of History of Sciences,  
Faculty of Sciences, University of Lisbon

CHFCT - Centre of History and Philosophy  
of Science and Technology,

Faculty of Science and Technology,  
New University of Lisbon

CIDEHUS - Interdisciplinary Centre for History,  
Cultures and Societies, University of Évora

ICS - Institute of Social Science,  
University of Lisbon



**HoST** - INTERNATIONAL JOURNAL  
OF HISTORY OF SCIENCE AND TECHNOLOGY

# SCIENCE, TECHNOLOGY AND FASCISM

**HoST - 2<sup>ND</sup> ANNUAL WORKSHOP  
LISBON, 14-15 JUNE, 2007  
INSTITUTO DE CIÊNCIAS SOCIAIS**

**HoST** site: <http://www.johost.eu>  
Further information: <http://www.ics.ul.pt>

DAY 1: 14<sup>TH</sup>

JUNE \_\_\_\_\_

**10:30 – 10:45** - Coffee Reception at ICS hall

**10:45 – 11:00** - Opening remarks

Ana Simões (CHC-UL, Faculty of Sciences, University of Lisbon)

**11:00 – 13:00**

Chair: João Caração (Calouste Gulbenkian Foundation)

- Mark Walker: *Ideologically-Correct Science*
- Nuno Luís Madureira: *Measuring the citizens: anthropometry, the Republic and the New State in Portugal*

**13:00 – 14:00** - Lunch

**14:00 – 16:00**

Chair: Maria Eduarda Gonçalves (ICSTE - Institute of Management, Social Sciences and Technology, Lisbon)

- Thomas Wieland: *Autarky and "Lebensraum": The political agenda of academic plant breeding in National Socialist Germany*
- Fátima Nunes and Augusto Fitas: *The 3rd International History of Science Congress (1934): Portugal, the «Estado Novo», Science and its History*

**16:00 – 16:15** - Coffe-break

**16:15 – 18:15**

Chair: Ana Cardoso de Matos (CIDEHUS - Interdisciplinary Centre for History, Cultures and Societies, University of Évora)

- Roberto Maiocchi: *The National Council of Research and Italian Fascism's wars;*
- Antoni Malet: *The First decades of CSIC: A totalitarian Institution?*

INVITED  
SPEAKERS \_\_\_\_\_

**Yiannis Antoniou**

Hellenic Open University Vassilis Bogiatzis,  
National Technical University of Athens

**Augusto Fitas**

University of Évora

**Susanne Heim**

Institute for Contemporary History, Munich- Berlin

**Nuno Luís Madureira**

ISCTE- Institute of Management,  
Social Sciences and Technology, Lisbon

**Roberto Maiocchi**

Catholic University, Milan

**Antoni Malet**

Pompeu Fabra University, Barcelona

**Fátima Nunes**

University of Évora

**Fernanda Rollo**

Institute of Contemporary History,  
New University of Lisbon

**Tiago Saraiva**

Institute of Social Sciences, University of Lisbon

**Mark Walker**

Union College, New York

**Thomas Wieland**

Munich Center for the History of Science and Technology

DAY 2: 15<sup>TH</sup>

JUNE \_\_\_\_\_

**10:15 – 10:30** – Coffee at ICS hall

**10:30 – 12:30**

Chair: José Luís Cardoso (ISEG - School of Economics and Management, Technical University of Lisbon)

- Yiannis Antoniou: *Technology and Totalitarian Ideas in Interwar Greece*
- Fernanda Rollo: *Planning and Ordering Science. Guidelines and Purposes of the National Education Board (from 1920's to World War II)*

**12:30 – 13:30** - Lunch

**13:30 – 15:30**

Chair: António Costa Pinto (ICS - Institute of Social Sciences, University of Lisbon)

- Susanne Heim: *The contribution of Science to the Nazi Programme to reorganize European Agriculture*
- Tiago Saraiva: *Fascist Labscapes: Laboratories and the Colonization of Mozambique and Portugal*

**15:30 – 16:00** - Wrap-up commentary

Fátima Nunes (University of Évora)

**16:00 – 16:45** - Discussion