

SCIENTIFIC COMMITTEE

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REINHILDE VEUGELERS, Faculty of Economics and Business, KU Leuven (Belgium)

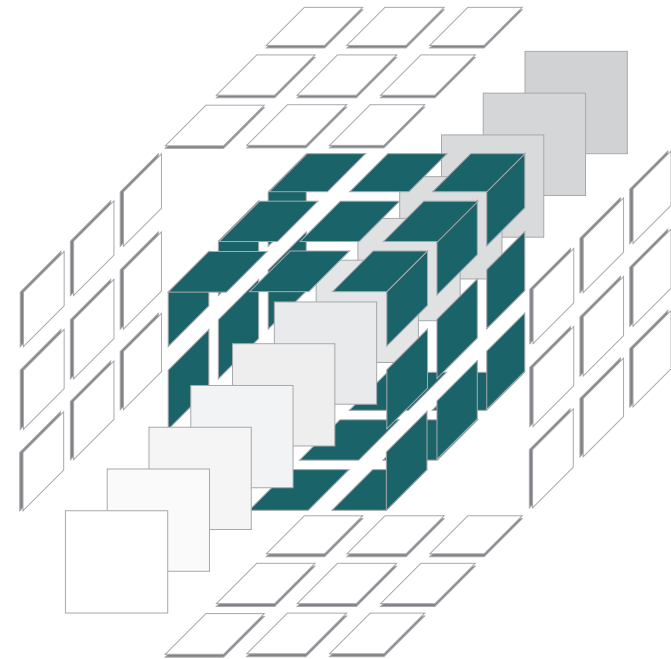
ORGANIZING COMMITTEE

DR. FÉLIX DE MOYA ANEGÓN (Bibliometrics)
DR. LUIS SANZ MENÉNDEZ (S&T policy)
DR. LAURA CRUZ CASTRO (Sociology of Science)
DR. ELENA CORERA ÁLVAREZ (Bibliometrics)
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DR. VINCENZO PAVONE (Science and Technology Studies)
DR. KOEN JONKERS (Science Studies)
DR. GEMMA DERRICK (Health Policy Studies)
DR. NATALIA ZINOVYEVA (Economics)
HON. DR. ISIDRO AGUILLO (Cybermetrics)

VENUE

Centro de Ciencias Humanas y Sociales del CSIC
C/ Albasanz 26-28, (28037 Madrid)

Science dynamics and research systems: The role of research for meeting societal challenges



Madrid, 8-9 April 2013

Monday, 8th April 2013

08.30-09.00 Registration

09.00-10.15 **Opening session.**

Welcome: **Luis Sanz Menéndez**, Director CSIC
Institute of Public Goods and Policies (IPP)

09.15-10.30 **1st. Plenary Session**

Chair: Gemma E. Derrick, CSIC-IPP

What is a research question?

Jochen Gläser, Center for Technology and Society
(ZTG), Technische Universität Berlin (Germany)

**Responsible Research and Innovation: United
States, Europe, and China.**

Carl Mitcham, Liberal Arts & International Studies,
Colorado School of Mines (United States)

10.30-11.00 Coffee break

11.00-13.00 Parallel Session 1 / Parallel Session 2

13.00-14.15 Lunch and Networking

14.15-16.15 Parallel Session 3 / Parallel Session 4

16.15-16.45 Coffee Break

16.45-18.30 **2nd. Plenary Session**

Chair: Koen Jonkers, CSIC-IPP

Bridging STS and STI policy studies.

Arie Rip, Science, Technology, and Policy Studies
(STePS), University of Twente (The Netherlands)

20 challenges for Innovation Studies.

Ben Martin, Science and Technology Policy Research
Unit (SPRU), University of Sussex (United Kingdom)

20.30 Conference Dinner

Tuesday, 9th April 2013

09.00-10.30 **3rd. Plenary Session**

Chair: Catalina Martínez, CSIC-IPP

How does governance change research content?

Jochen Gläser, Center for Technology and Society
(ZTG), Technische Universität Berlin (Germany)

**Research Integrity in an Age of Research
Assessment.**

Ben Martin, Science and Technology Policy Research
Unit (SPRU), University of Sussex (United Kingdom)

10.30-11.00 Coffee Break

11.00-13.00 Parallel Session 5 / Parallel Session 6

13.00-14.15 Lunch and networking

14.15-16.15 Parallel Session 7 / Parallel Session 8

16.15-16.45 Coffee Break

16.45-17.30 **4th. Plenary Session**

Chair: Luis Sanz Menéndez, CSIC-IPP

**Keys to academic productivity: some lessons from
a long and winding career.**

Barry Bozeman, School of Government and
International Relations. University of Georgia (United
States)

17.30-18.00 **Concluding Round Table and ECRC Best Paper
Announcement**

Session 1. Knowledge production, transfer and use

Chair: **Isidro Aguillo**, CSIC - Institute of Public Goods and Policies

Personal publication productivity: scientists, their friends and other collaborators

Agrita KIOPA

School of Public Policy, Georgia Institute of Technology (US).

Discussant: **Francesco Lissoni**, Montesquieu University -Bordeaux IV.

Researchers' participation in standardisation in relation to their scientific publishing and patenting activities: a case study from a public research organisation in Germany

Aikaterini ZI (& Knut Blind)

Federal Institute for Materials Research and Testing (Germany).

Discussant: **Robert Tijssen**, Center for Science and Technology Studies (CWTS), University of Leiden.

Universities as local knowledge hubs under different technology regimes. New evidence from academic patenting

Friedrich DORNBUSCH (& Thomas Brenner)

Fraunhofer-Institut für System und Innovationsforschung ISI (Germany).

Discussant: **Natalia Zinovyeva**, CSIC Institute of Public Goods and Policies.

Session 2. Societal issues, gender and knowledge translation

Chair: **Gemma E. Derrick**, CSIC Institute of Public Goods and Policies

Vaccine innovation, research translation and knowledge management: Testing processes in three polio trajectories

Ohid YAQUB

SPRU -Science and Technology Policy Research, University of Sussex (UK).

Discussant: **Vincenzo Pavone**, CSIC Institute of Public Goods and Policies.

Deliberative participation in risk management: mapping the controversy of refuge ports in Spain.

Elvira SANTIAGO

CSIC Institute of Public Goods and Policies (IPP).

Discussant: **Malcolm Goggin**, School of Public Affairs, University of Colorado.

Excellence and its Others: success, careers and gender at a Czech research institution of chemistry

Marcela LINKOVÁ

Institute of Sociology, Academy of Sciences (Czech Republic).

Discussant: **Carl Mitcham**, Liberal Arts & International Studies, Colorado School of Mines (United States).

Session 3. Knowledge heterogeneity, academic inventors and careers

Chair: **Francesco Lissoni**, Montesquieu University - Bordeaux IV

Inventor's knowledge set as the antecedent of patent importance

Ali MOHAMMADI (& Chiara Franzoni)

Department of Management, Economics and Industrial Engineering, Politecnico di Milano (Italy).

Discussant: **Robert Tijssen**, Center for Science and Technology Studies (CWTS), University of Leiden.

The impact of knowledge diversity on inventive performance at European universities

Malwina MEJER

ECARES, Université Libre de Bruxelles (Belgium).

Discussant: **Jochen Gläser**, Center for Technology and Society (ZTG), Technische Universität Berlin.

Academic Entrepreneurship between Scientific Career and Technology Transfer: Case Studies from Italy

Matteo SERAFINI

CIS Centre - University of Bologna (Italy).

Discussant: **Catalina Martínez**, CSIC Institute of Public Goods and Policies.

Session 4. Changing S&T policies and research governance

Chair: **Jordi Molas-Gallart**, INGENIO (UPV-CSIC)

Dynamics of long-term international research collaborations: interaction of self-organisation and governance

Inga ULNICANE

STePS, IGS, University of Twente (The Netherlands).

Discussant: **Ben Martin**, Science and Technology Policy Research Unit (SPRU), University of Sussex.

The Responsive Structure of Science

David KALDEWEY

Forum Internationale Wissenschaft (Germany).

Discussant: **Arie Rip**, Science, Technology, and Policy Studies (STePS), University of Twente.

Changing paradigms of science and technology policies in Argentina: practices, knowledge, representations and social relations (1958-1983)

Adriana FELD

CONICET Universidad Nacional de Quilmes & Universidad Maimónides (Argentina).

Discussant: **Malcolm Goggin**, School of Public Affairs, University of Colorado.

Tuesday, 9th April 2013

Session 5. International mobility as a dynamic factor

Chair: Koen Jonkers, CSIC - Institute of Public Goods and Policies

Extent and Effect of Brain Drain in Germany

Sonia CONCHI (& Carolin Michels)
Fraunhofer Institute for Systems and Innovation Research ISI (Germany).

Discussant: **Jochen Gläser**, Center for Technology and Society (ZTG), Technische Universität Berlin.

Russian Nanoscience Diasporas and National Innovation systems: Initial Mapping

Maria KARAULOVA
Institute of Innovation Research, University of Manchester (UK).

Discussant: **Barry Bozeman**, School of Government and International Relations, University of Georgia.

Research Career Development in Russia: the Role of International Mobility

Nadia ASHEULOVA
Centre for Sociology of Science and Science Studies, St. Petersburg Branch of the Institute for the History of Science and Technology (Russia).

Discussant: **Laura Cruz Castro**, CSIC Institute of Public Goods and Policies.

Session 6. Science dynamics, competitiveness and decision making in S&T Policy

Chair: Natalia Zinovyeva, CSIC - Institute of Public Goods and Policies

Future oriented system assessment to aid strategic decision-making in complex socio-technical environments

Kirsi HYYTINEN (& Mika Nieminen)
VTT Technical Research Centre of Finland (Finland).

Discussant: **Malcolm Goggin**, School of Public Affairs, University of Colorado.

Scientific output and transfer in nanosciences: a comparative analysis of the Basque Country, Finland and Sweden

Jon Mikel ZABALA
CIRCLE, University of Lund (Sweden).

Discussant: **Carl Mitcham**, Liberal Arts & International Studies, Colorado School of Mines.

Science, technology and innovation for competitiveness: The challenges of smart specialization for Bulgaria

Sorin KRAMMER
University of Groningen, Faculty of Economics and Business (The Netherlands).

Discussant: **Adelheid Holl**, CSIC Institute of Public Goods and Policies.

Session 7. Innovation, energy and sustainability

Chair: Adelheid Holl, CSIC - Institute of Public Goods and Policies

Articulation of sustainability in nanotechnology Comparing fixed and fluid funnels

Colette BOS (& Harro van Lente, Alexander Peine)
Department of Innovation Studies, Copernicus Institute of Sustainable Development, University of Utrecht (The Netherlands).

Discussant: **Arie Rip**, Science, Technology, and Policy Studies (STePS), University of Twente.

Characteristics of Networks in Energy efficiency Research and Development. A Comparison of actors, technological domains and networks structure in seven focus

Tobias Møller RUBY
Technical University of Denmark (Denmark).

Discussant: **Robert Tijssen**, Center for Science and Technology Studies (CWTS), University of Leiden.

Distinctive features and determinants of Eco-innovation in Spain. An econometric analysis.

Cristina PEÑASCO (& Desiderio Romero, Pablo del Rio)
CSIC Institute of Public Goods and Policies (IPP) (Spain).

Discussant: **Francesco Lissoni**, Montesquieu University -Bordeaux IV.

Session 8. Research actors and institutions

Chair: Natalia Zinovyeva, CSIC - Institute of Public Goods and Policies

The “Balancing” Role Played by the Evaluation Mechanisms of Key National Extra-university Research Institutes in their Own Strategic Development and in Support for National Research Policy-making

Junwen LUO
STePS, IGS, University of Twente (The Netherlands).

Discussant: **Ben Martin**, Science and Technology Policy Research Unit (SPRU), University of Sussex.

Benchmarking Entrepreneurial Universities: Testing a Research Framework

Sharifa H. AL HARTHY
Manchester Business School (UK).

Discussant: **Jordi Molas-Gallart**, INGENIO (UPV-CSIC).

Classifying Cooperative Research Centres through a Sectoral System of Innovation approach: An exploration based on the Spanish case

Inés ANDÚJAR (& Sandro Giachi)
CSIC - Instituto de Estudios Sociales Avanzados (Spain).

Discussant: **Barry Bozeman**, School of Government and International Relations, University of Georgia.