

**CHAIR OF ENERGY SUSTAINABILITY (CES) OF THE UNIVERSITY OF BARCELONA
(FUNSEAM – IEB&UB)**

**INTERNATIONAL ACADEMIC SYMPOSIUM
R&D ON ENERGY**

**Location: Barcelona Science Park. Reixac Baldiri 4-8. Auditorium.
Date: January 28, 2014**

PRESENTATION

The **Symposium R&D on Energy** in Barcelona will bring together high ranking researchers in the field of energy economics. The energy sector is facing major challenges in most of its activities and segments. The main challenges are related to the mitigation of climate change and increasing efficiency, and fostering innovation is crucial to meeting these challenges. The meeting will examine various questions related to the link between the energy sector and R&D activity. The first topic is on the main challenges and issues for R&D on energy, comprising the climate change mitigation, the roadmap 2050, and the debate regarding the R&D investment targets and sufficiency. The second topic is patenting which focuses on patents as proxy of innovations with impact over the energy sector, developed both within and outside of this sector. The third topic regards efficiency projects and financing constraints, which include issues as the impact of R&D over the efficiency, and the debate regarding financial constraint to perform R&D activities on energy sector.

The meeting, to be held in Barcelona on 28 January 2014, forms part of the activities organised by the UB-IEB Chair in Energy Sustainability, sponsored by the Foundation for Energy and Environmental Sustainability (FUNSEAM). The group hopes that the symposium will help disseminate the work of leading researchers in the field of energy economics, with a particular emphasis on R&D on energy.

As the program shows, the caliber of the speakers and the invited specialists augurs well for the success of the meeting.

Agenda:

8:00-8:30	REGISTRATION
8:30-9:00	<p>OPENING CEREMONY</p> <ul style="list-style-type: none"> - <i>Hon. Mr. Andreu Mas-Colell. Minister for Economy and Knowledge. Generalitat de Catalunya.</i> - <i>Dídac Ramírez. Rector of the University of Barcelona.</i> - <i>Martí Parellada Sabata. IEB Director & FUNSEAM Board of Trustees Member.</i>
9:00-10:00	<p>PRESENTATION <i>María Teresa Costa Campi, Universitat de Barcelona & IEB, Chair of Energy Sustainability</i></p> <p>PLENARY SESSION <i>Why and How to support Energy R+D?</i> <i>Michael Pollitt, Energy Policy Research Group, Cambridge Judge Business School</i></p>

10:00-11:30	<p>R&D ON ENERGY: CHALLENGES AND ISSUES</p> <p><i>Electricity Technology Investments under Solar R&D Uncertainty: How Interim Learning and Adaptation Affects the Optimal Decision Strategy</i> Laura Diaz Anadon, Harvard University</p> <p><i>The Outcomes of Private Energy R&D: Linking Patent Information to Economic Data</i> Sascha Rexhäuser, ZEW (Zentrum für Europäische Wirtschaftsforschung - Centre for European Economic Research)</p> <p><i>Is Going Green Remaining Brown? Directed Technical Change and Policy Complementarity in Energy Innovation</i> Francesco Vona, OFCE (Observatoire Français Des Conjonctures Économiques) - SciencesPo</p> <p style="text-align: center;">Chair-Discussant Xavier Labandeira, Universidad de Vigo</p>
11:30-12:00	<p>Coffee Break</p>
12:00-13:30	<p>PATENTING</p> <p><i>The Impact of Policy and Uncertainty on Innovation in the Wind Industry: Evidence from European Countries</i> Elena Verdolini, FEEM (Fondazione Eni Enrico Mattei) and CMCC (Centro Euro-Mediterraneo sui Cambiamenti Climatici)</p> <p><i>Offshoring Green Innovation: The Role of Multinationals in the International Diffusion of Green Technologies</i> Joëlle Noailly, Center for International Environmental Studies, Graduate Institute Geneva</p> <p><i>Environmental Regulation and Competitiveness: Empirical Evidence from European Manufacturing Sectors</i> Marzio Galeotti, University of Milan & IEFE (Istituto di economia e politica dell'energia e dell'ambiente) - Bocconi University</p> <p style="text-align: center;">Chair-Discussant Pedro Linares, Universidad Pontificia Comillas</p>
13:30-15:00	<p>Lunch</p>
15:00-17:00	<p>R&D: EFFICIENCY PROJECTS AND FINANCING CONSTRAINTS</p> <p><i>Exploring the Link between Energy Efficiency and Innovation: Some Empirical Evidence from the Industrial Sector</i> Enrico Cagno, Politecnico di Milano</p> <p><i>Supporting Low Carbon Innovation on the Demand Side</i> Peter Taylor, University of Leeds</p> <p><i>Heterogeneous Technologies, Strategic Groups and Technology Gaps of European Countries</i> Kostantinos Kounetas, University of Patras</p> <p><i>Determinants of Energy Efficiency: An Empirical Analysis for Spanish Innovative Firms</i> Jose García-Quevedo, Universitat de Barcelona & IEB- Chair of Energy Sustainability</p> <p style="text-align: center;">Chair-Discussant Paulina Beato, SEGIB (Secretaría General Iberoamericana)</p>
17:00-18:00	<p>CLOSING CEREMONY</p> <p><i>María Teresa Costa Campi, Universitat de Barcelona & IEB, Chair of Energy Sustainability</i></p> <p><i>Supporting Clean Energy RD&D: Grants for All?</i> Jean-Michel Glachant, European University Institute</p>

Registration and further information at www.funseam.com and www.ieb.ub.edu

Location: Parc Científic de Barcelona. Auditorium. (C/Baldri i Reixac, 4-8, Barcelona)

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