

9th Conference on Energy Economics and Technology (ENERDAY) - A European Energy Market? -

Date / Location: **Friday, 11th April 2014**
Technische Universität Dresden, "Festsaal" of the Faculty of Business and Economics, Münchner Platz 3, 01069 Dresden

Contact / Registration: Mandy Bauer, TU Dresden (EE²)
E-mail: enerday@ee2.biz, Phone: +49 (0)351 463-39771, Web: www.ee2.biz

Informal Get Together: Thursday, 10th April, 7pm in Paul Rackwitz, Plauenscher Ring 33, 01187 Dresden

8:15 h	Registration, Coffee & Tea (Room: Faculty Assembly Hall)		
8:45 h	Opening Address (Room: Faculty Assembly Hall) Prof. Dr. rer. pol. Susanne Strahinger, Vice-Rector for Academic and International Affairs, TU Dresden Prof. Dr. Udo Buscher, Dean of the Faculty of Business and Economics, TU Dresden Prof. Dr. Dominik Möst, TU Dresden, EE ² Prof. Dr. Christian von Hirschhausen, TU Berlin WIP and DIW Berlin		
9:15 h	Keynote Speech (Room: Faculty Assembly Hall) Dr.-Ing. Ulf Kasper, Expert Control Reserve, TransnetBW GmbH: "Future development of the European market for system reserve" Chair: Prof. Dr. Christian von Hirschhausen, TU Berlin WIP and DIW Berlin		
10:00 h	Coffee & Tea		
10:30 h - 12:30 h	<u>Transmission Grids and Congestion Management</u> (Room: Faculty Assembly Hall) Chair: Theresa Müller	<u>Power Systems Modelling</u> (Room: A 03) Chair: Stefan Perras	<u>Energy Efficiency and Demand Side Measures</u> (Room: B 37) Chair: Christoph Brunner
10:30 h	A long-term View on the German Transmission Grid Extension – What is the Impact of Renewable Integration? David Gunkel (TU Dresden)	Carpe diem: a novel approach to select representative days for power system models in order to better assess the costs of variable renewables Paul Nahmmacher (Potsdam Institute for Climate Impact Research), Eva Schmid, Lion Hirth, Brigitte Knopf	Analysing the impact of Eco-Design requirements on heating systems – A European case study Rainer Elsland (Fraunhofer ISI), Harald Bradke, Martin Wietschel
10:50 h	Available Transfer Capacity versus Flow Based: towards efficient market coupling Lynn Gyselen (KU Leuven), Cedric De Jonghe, Ronnie Belmans	The probability of long phases without wind power and their impact on an energy system with high share of renewable energies Patrick Plötz, Julia Michaelis (Fraunhofer ISI)	Increasing Efficient Appliance Purchases through Lifetime Monetary Consumption Information James Carroll (Trinity College Dublin), Eleanor Denny, Seán Lyons
11:10 h	Implication of non-harmonized regulatory regimes on cross-border electricity transmission investment Diyun Huang (KU Leuven), Samson Hadush; Dirk Van Hertem; Ronnie Belmans	Optimal Infrastructure investments for Renewable Energy Integration in Germany Jonas Egerer (TU Berlin, Workgroup for Infrastructure Policy (WIP)), Wolf-Peter Schill	Potential energy efficiency improvements in Swedish energy intensive industries using an Energy Efficiency Obligation Scheme Maria Xylia (KTH Royal Institute of Technology), Semida Silveira
11:30 h	Is there still a Case for Merchant Interconnectors? Insights from an Analysis of Welfare and Distributional Aspects of Options for Network Expansion in the Baltic Sea Region Alexander Weber (Workgroup for Infrastructure Policy (WIP)), Clemens Gerbaulet	Network Expansion and Welfare Effects in two-stage Cournot Model Olga Spiridonova (Humboldt-Universität zu Berlin)	Can heat pumps help to integrate fluctuating renewable generation? Gerda Schubert (Fraunhofer ISI), Frank Sensfuß
11:50 h	Network Expansion to Mitigate Market Power: How Increased Integration Fosters Welfare Alexander Zerrahn (German Institute for Economic Research (DIW Berlin), Daniel Huppmann	Storage placing in Germany in mid term context- Which site will be best? Thomas Möbius, David Gunkel (TU Dresden)	Report in an "Energiewende" Pilot Test – First Impressions, Proposals and Results Holger Wiechmann (EnBW Vertrieb GmbH), Kai Hufendiek
12:30 h	Lunch (Room: in front of the Faculty Assembly Hall)		

13:30 h	Keynote Speech (Room: Faculty Assembly Hall) Prof. Dr. Yves Smeers, Universite Catholique de Louvain: "EU climate and energy policy and computational economic modeling" Chair: Prof. Dr. Dominik Möst, TU Dresden, EE ²		
14:15 h - 15:45 h	<u>European Policies and Strategies</u> (Room: Faculty Assembly Hall) Chair: Michael Zipf	<u>Capacity Mechanisms</u> (Room: A 03) Chair: Susanne Koschker	<u>Gas Market</u> (Room: B 37) Chair: Philipp Hauser
14:15 h	Beyond 2020: Strategies and costs for transforming the European energy system Brigitte Knopf (Potsdam Institute for Climate Impact Research, Y.-H. Henry Chen, E. De Cian, H. Förster, A. Kanudia, I. Karkatsouli, I. Keppo, T. Koljonen, K. Schumacher, D. P. van Vuuren)	Optimal level of remuneration for capacity to ensure generation adequacy Hanspeter Höschle (KU Leuven), Cedric De Jonghe, Ronnie Belmans	Assessing cross-border impacts of gas infrastructure investment expenditure across Europe with MRIO Maaïke C. Bouwmeester, Bert Scholtens (University of Groningen)
14:35 h	EU climate and energy policy beyond 2020: How many targets and instruments are necessary? Paul Lehmann (Helmholtz Centre for Environmental Research (UFZ)), Jos Sijm, Erik Gawel, Unnada Chewprecha, Hector Pollitt, Sebastian Strunz	Model-based analysis of design options for the German electricity market to ensure security of supply for increasing electricity generation from renewable energies Dogan Keles (Karlsruhe Institute of Technology), Lea Renz, Massimo Genoese, Wolf Fichtner	Pipeline Power: A Case Study of Strategic Network Investments Onur Cobanlı (Humboldt-Universität zu Berlin), Franz Hubert
14:55 h	German Energiewende vs. European energy transition? On the alleged need to „Europeanize“ the Energiewende Sebastian Strunz (Helmholtz-Zentrum für Umweltforschung (UFZ)), Erik Gawel, Paul Lehmann	A need for capacity markets Wojciech Łyżwa (Lodz University of Technology)	Investments in a Combined Energy Network Model: Substitution between Natural Gas And Electricity? Hannes Weigt (Universität Basel), Jan Abrell
15:15 h	Cost-minimal investments into conventional generation capacities under a Europe-wide renewables policy Clemens Gerbaulet (TU Berlin and DIW Berlin), Casimir Lorenz, Friedrich Kunz, Christian von Hirschhausen, Benjamin Reinhard	The forward premium in electricity markets: an experimental study Silvester van Koten (University of Economics, Prague), Andreas Ortmann	Valuing arbitrage opportunities for LNG suppliers across the Atlantic Bert Scholtens (University of Groningen), Casper Kranenborg
15:45 h	Coffee & Tea		
16:30 h - 18:00 h	<u>National Policies and Developments</u> (Room: Faculty Assembly Hall) Chair: Hannes Hobbie	<u>Electricity Markets</u> (Room: A 03) Chair: Alexander von Selasinsky	<u>Industry and Energy Prices</u> (Room: B 37) Chair: Julia Michaelis
16:30 h	The crucial role of infrastructure design in the German Energiewende: An analysis of possible branching points Eva Schmid (Potsdam Institute for Climate Impact Research), Brigitte Knopf, Anna Pechan	Analysis of Market Participants' Trading Behaviour on the Nordic Intraday Market Richard Scharff (KTH Royal Institute of Technology), Mikael Amelin	The Merit Order of Demand Response in Industry Anna Gruber (Research Association for Energy Markets and Technologies, Munich), Serafin von Roon, Franziska Biedermann
16:50 h	Facilitating variable generation of renewables by conventional power plant cycling: costs and benefits Kenneth Van den Bergh, Erik Delarue (Energy Institute, KU Leuven)	Optimization of Energy storage operation at competitive market Błażej Olek (Lodz University of Technology)	Development of transmission and distribution grid charges and of their regional differences in Germany Fabian Hinz (TU Dresden)
17:10 h	Optimal Incentives for Belgian Electricity Challenges Ruben Laleman (Ghent University), Johan Albrecht	Why wind is not coal: on the economics of electricity Lion Hirth (Vattenfall GmbH), Falko Ueckerdt, Ottmar Edenhofer	Social Effects in the Diffusion of Solar Photovoltaic Technology in the UK Laura-Lucia Richter (University of Cambridge)
17:30 h	Meeting EU energy and climate policy in Poland. Optimization of the energy mix Michał Wierzbowski (Lodz University of Technology)	The new Spanish electricity market design Julian Barquin (Endesa, Regulatory Affairs)	Assessment of industrial energy prices Katharina Grave (Ecofys), Martin Pudlik
19:00 h	Conference Dinner (Chiaveri im Sächsischen Landtag, Bernhard-von-Lindenau-Platz 1 12, 01067 Dresden)		