

Mannheim Energy Conference 2014

# Sustainable Energy Markets

May 5/6, 2014

## Monday, May 5, 2014

- 09:30 Arrival and Registration
- 10:00 **Welcome Address**  
*Chair: Kai Hüschelrath  
(ZEW & MaCCI & University of Mannheim)*
- 10:15 Steven Stoff  
**Don't Blame the Negotiators; Change the Climate Game: Price Carbon**  
*Chair: Kai Hüschelrath  
(ZEW & MaCCI & University of Mannheim)*
- 11:15 Coffee Break
- 11:30 **Parallel Sessions I**
- 13:00 Lunch Break
- 14:00 Martin Graf, Energie Control Austria  
**European Energy Market: Aspects of the Austrian Regulatory System**  
*Chair: Andreas Löschel  
(ZEW & University of Heidelberg)*
- 14:30 **Parallel Sessions II**
- 16:30 Coffee Break
- 17:00 **Parallel Sessions III**
- 18:30 End of first day
- 19:15 **Conference Dinner**

## Tuesday, May 6, 2014

- 09:00 **Parallel Sessions IV**
- 11:00 Coffee Break
- 11:15 José M. Labeaga, National Distance Education University  
**Energy Demand and Energy Efficiency**  
*Chair: Andreas Löschel  
(ZEW & University of Heidelberg)*
- 12:15 Coffee Break
- 12:30 **Panel: Financing the Energy Transition**  
*Chair: Andreas Löschel  
(ZEW & University of Heidelberg)*
- Panelists**
- ▶ Jörg Böttcher, HSH Nordbank AG
  - ▶ Marcus Jentsch, MVV Energie AG
  - ▶ Christoph Weber, University of Duisburg-Essen
- 13:30 Lunch Break
- 14:30 Richard Green, Imperial College London  
**Is the British electricity market becoming sustainable?**  
*Chair: Christoph Weber  
(University of Duisburg-Essen)*
- 15:30 Coffee Break
- 16:00 **Parallel Sessions V**
- 17:30 Farewell Drinks & Pretzels

## Monday, May 5 – Parallel Sessions I

| <b>Cross-border interconnectors</b><br><i>Chair: Laszlo Szabo</i>  | <b>Restructured electricity generation: empirical studies</b><br><i>Chair: Sherzod Tashpulatov</i>   |
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| <p>Maike Bouwmeester<br/>(University of Groningen)</p> <p><b>Assessing cross-border impacts of gas infrastructure investment expenditure across Europe with MRIO</b></p> <p><i>Discussant: Bert Hof</i></p>  | <p>Marie Hyland<br/>(ESRI/TCD)</p> <p><b>Restructuring European electricity markets: a dynamic panel data analysis</b></p> <p>Discussant: Thomas Triebs</p>  |
| <p>Bert Hof<br/>(SEO Economic Research)</p> <p><b>Social benefit-cost analyses of interconnectors that link national electricity grids</b></p> <p><i>Discussant: Laszlo Szabo</i></p>  | <p>Thomas Triebs<br/>(Ifo Institut)</p> <p><b>Ownership and competition: Finding Performance Breaks for UK Power Plants</b></p> <p><i>Discussant: Sherzod Tashpulatov</i></p>  |
| <p>Laszlo Szabo<br/>(Regional Centre for Energy Policy Research, Corvinus University of Budapest)</p> <p><b>Model based evaluation of electricity network investments with regional importance</b></p> <p><i>Discussant: Maike Bouwmeester</i></p> | <p>Sherzod Tashpulatov<br/>(CERGE-EI)</p> <p><b>Analysis of Electricity Industry Liberalization in great Britain: How did the Bidding Behavior of Electricity Producers Change?</b></p> <p><i>Discussant: Marie Hyland</i></p> |

## Monday, May 5 – Parallel Sessions II

| <b>Integration of renewables</b><br><i>Chair: Niall Farrell</i>  | <b>Investment in networks</b><br><i>Chair: Hannes Weigt</i>  | <b>Practitioners session</b><br><i>Chair: Susanne Thorwarth</i>  |
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| <p>Fabio Antoniou<br/>(Humboldt University Berlin)</p> <p><b>The effectiveness of feed-in tariffs and consumer taxation</b></p> <p><i>Discussant: Johannes Jarke</i></p>   | <p>Onur Cobanli<br/>(Humboldt University Berlin)</p> <p><b>Pipeline Power: A Case Study of Strategic Network Investments</b></p> <p><i>Discussant: Gregor Zöttl</i></p>  | <p>Diana Heger<br/>(IHS Economics)</p> <p><b>A more competitive Energiewende</b></p>                                       |
| <p>Johannes Jarke<br/>(University of Hamburg)</p> <p><b>Feed-In Tariffs and Emission Leakage</b></p> <p><i>Discussant: Fabio Antoniou</i></p>  | <p>Gregor Zöttl<br/>(University of Erlangen-Nuremberg)</p> <p><b>Optimal Transmission and Generation Investment: The Case of Market Coupling and Cost-Based Redispatch</b></p> <p><i>Discussant: Roberto Roson</i></p>                         | <p>Michael Zähringer<br/>(Frontier Economics)</p> <p><b>Reform of the EEG – can auctions lead to more competition?</b></p> |
| <p>Marc Deissenroth<br/>(German Aerospace Center, Systems Analysis and Technology Assessment)</p> <p><b>An agent-based simulation model for the analysis of market integration of renewable energy for the German electricity market</b></p> <p><i>Discussant: Niall Farrell</i></p> | <p>Roberto Roson<br/>(Ca'Foscari University Venice and IEFE Bocconi University Milan)</p> <p><b>Bargaining Power and Value Sharing in Distribution Networks: a Cooperative Game Theory Approach</b></p> <p><i>Discussant: Hannes Weigt</i></p> | <p>Susanne Thorwarth<br/>(Monopolkommission)</p> <p><b>Monitoring Market Power in Electricity Markets</b></p>              |
| <p>Niall Farrell<br/>(Economic and Social Research Institute, Dublin)</p> <p><b>Managing investor and consumer exposure to electricity market price risks through feed-in tariff design</b></p> <p><i>Discussant: Marc Deissenroth</i></p>   | <p>Hannes Weigt<br/>(University Basel)</p> <p><b>Investments in a Combined Energy Network Model: Substitution between Natural Gas And Electricity?</b></p> <p><i>Discussant: Onur Cobanli</i></p>  | <p>Lion Hirth<br/>(Vattenfall GmbH)</p> <p><b>Market design and the need for capacity markets</b></p>                      |

## Monday, May 5 – Parallel Sessions III

| <b>Electricity auctions: theory</b><br><i>Chair: Mario Blazquez de Paz</i>   | <b>Technology adoption of households</b><br><i>Chair: Daire McCoy</i>  |
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| <p>Alexis Bergès<br/>(Paris School of Economics)</p> <p><b>Dynamics of the Electricity Day-Ahead Market : Supply Function Equilibria and Ramping Costs</b></p> <p><i>Discussant: Anette Boom</i></p> | <p>Isis Durrmeyer<br/>(University of Mannheim)</p> <p><b>Winners and Losers : Evaluating Distributional Effects of the French Environmental Bonus/Malus Policy on the New Car Market</b></p> <p><i>Discussant: Bente Halvorsen</i></p> |
| <p>Anette Boom<br/>(Copenhagen)</p> <p><b>Price Regulations in a Multi-unit Uniform Price Auction</b></p> <p><i>Discussant: Mario Blazquez de Paz</i></p>  | <p>Bente Halvorsen<br/>(Statistics Norway)</p> <p><b>How do investments in heat pumps affect household energy consumption?</b></p> <p><i>Discussant: Daire McCoy</i></p>   |
| <p>Mario Blazquez de Paz<br/>(University of Bologna)</p> <p><b>Designing Electricity Auctions in Presence of Transmission Constraints</b></p> <p><i>Discussant: Alexis Bergès</i></p>                | <p>Daire McCoy<br/>(Trinity College Dublin, ESRI)</p> <p><b>The diffusion of electric vehicles: An agent-based microsimulation</b></p> <p><i>Discussant: Isis Durrmeyer</i></p>  |

## Tuesday, May 6 – Parallel Sessions IV

| <b>Empirical policy analysis</b><br><i>Chair: Michael Waterson</i>   | <b>Climate policy</b><br><i>Chair: Stéphanie Monjon</i>  |
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| <p>Veit Böckers<br/>(DICE)</p> <p><b>A revision of the relevant antitrust market for European wholesale electricity markets from 2006 to 2012</b></p> <p><i>Discussant: Michael Migendt</i></p>                      | <p>Philipp Biermann<br/>(University of Oldenburg)</p> <p><b>Induced Transnational Preference Change: Fukushima and Nuclear Power in Europe</b></p> <p>Discussant: Lion Hirth</p> |
| <p>Michael Migendt<br/>(EBS Business School)</p> <p><b>Public policy influence on renewable energy investments – a longitudinal study across OECD countries</b></p> <p><i>Discussant: Mario Liebensteiner</i></p>    | <p>Lion Hirth<br/>(Vattenfall GmbH)</p> <p><b>Why wind is not coal: on the economics of electricity</b></p> <p><i>Discussant: Michele Peruzzi</i></p>                            |
| <p>Mario Liebensteiner<br/>(WU Wien)</p> <p><b>Assessing the Economies of Scope from Vertical Integration: Empirical Evidence from European Electricity Utilities</b></p> <p><i>Discussant: Michael Waterson</i></p> | <p>Michele Peruzzi<br/>(Bruegel)</p> <p><b>When and how to support renewables? Letting the data speak</b></p> <p><i>Discussant: Stéphanie Monjon</i></p>                         |
| <p>Michael Waterson<br/>(University of Warwick)</p> <p><b>Energy Market Fallout from the Japanese Earthquake: The German „Ausstieg“</b></p> <p><i>Discussant: Veit Böckers</i></p>                                   | <p>Stéphanie Monjon<br/>(University Paris Dauphine)</p> <p><b>Would climate policy improve the European energy security?</b></p> <p><i>Discussant: Philipp Biermann</i></p>      |

## Tuesday, May 6 – Parallel Sessions V

| <b>Mergers &amp; Acquisitions</b><br><i>Chair: Victoria Shestalova</i>  | <b>Research &amp; Development</b><br><i>Chair: Lina Escobar Rangel</i>  | <b>Statistical modelling and forecasting</b><br><i>Chair: Abdolreza Momeni</i>   |
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| <p>Caterina Miriello<br/>(IEFE - Bocconi University)</p> <p><b>Energy Networks M&amp;A: Does Ownership Matter?</b><br/><i>Discussant: Mario Samano</i></p>  | <p>Claudio Baccianti<br/>(ZEW)</p> <p><b>Explaining Trends in Aggregate and Sectoral Energy Intensity: The Composition and Technique Effects Revised</b><br/><i>Discussant: Gijsbert Zwart</i></p>        | <p>Elisa Trujillo-Baute<br/>(University of Barcelona)</p> <p><b>Retail Price Effects of Feed-in Tariff Regulation</b><br/><i>Discussant: Luigi Grossi</i></p>  |
| <p>Mario Samano<br/>(HEC Montreal)</p> <p><b>Mergers and Cost Efficiency in the Electricity Distribution Industry</b><br/><i>Discussant: Victoria Shestalova</i></p>  | <p>Gijsbert Zwart<br/>(TILEC, Tilburg University and CPB)</p> <p><b>Optimal Procurement and Investment in New Technologies under Uncertainty</b><br/><i>Discussant: Lina Escobar Rangel</i></p>           | <p>Luigi Grossi (University of Verona)</p> <p><b>Robust forecasting of electricity prices with nonlinear models and exogenous regressors</b><br/><i>Discussant: Abdolreza Momeni</i></p>                 |
| <p>Victoria Shestalova<br/>(CPB Netherlands Bureau for Economic Policy Analysis)</p> <p><b>Renewable Energy Policies and Cross-Border Investment: Evidence from M&amp;A in Solar and Wind Energy</b><br/><i>Discussant: Caterina Miriello</i></p> | <p>Lina Escobar Rangel<br/>(Mines ParisTech)</p> <p><b>Nuclear reactor construction costs: The role of lead-time, standardization and technical progress</b><br/><i>Discussant: Claudio Baccianti</i></p> | <p>Abdolreza Momeni<br/>(Friedrich Schiller University)</p> <p><b>Forecasting Disruptive Technologies by Patent Development Paths and Topic Modeling</b><br/><i>Discussant: Elisa Trujillo-Baute</i></p> |