

# Jonas Egerer

## Curriculum Vitae

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📍 Chair of Economic Theory,  
Faculty of Business, Economics, and Law,  
Friedrich-Alexander-Universität Erlangen-Nürnberg,  
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### Education and Qualifications

- 2016 Dr. rer. oec (PhD in Economics) with summa cum laude  
Berlin University of Technology (TU Berlin)
- 2010 Diplom Wirtschaftsingenieur (master equivalent: Industrial Engineering)  
Dresden University of Technology (TU Dresden)

### Current positions

- 2017– **Post-doctoral researcher**, Chair of Economic Theory, Friedrich-Alexander-Universität Erlangen-Nürnberg.
- 2017– **Senior researcher**, Group on Energy Market Design, Energie Campus Nürnberg.

### Professional activities

- 02/2012–10/2016 Research Associate  
Workgroup for Infrastructure Policy  
Berlin University of Technology (TU Berlin)
- 07/2015–12/2015 Visiting Researcher  
German Institute for Economic Research (DIW Berlin)
- 06/2012–06/2015 Research Associate  
Department of Energy, Transportation, Environment  
German Institute for Economic Research (DIW Berlin)
- 11/2013–02/2014 Visiting Researcher  
Norwegian University of Science and Technology (NTNU Trondheim)
- 11/2011 Visiting Researcher  
Universidad Pontificia Comillas, ICAI School of Engineering
- 09/2011–10/2011 Visiting Researcher  
Florence School of Regulation  
European University Institute
- 09/2008–08/2010 Research Assistant  
Chair of Energy Economics and Public Sector Management  
Dresden University of Technology (TU Dresden)
- 09/2008–08/2009 Managing board member  
VWI Hochschulgruppe Dresden e. V. (student organization)
- 09/2007–02/2008 Internship at Alfiing Corporation (Plymouth MI, USA)

### Research interests

- Market design and sustainable transition pathways for energy markets
- Development of optimization models with investment and operational decisions for different regulatory regimes
- Applications of multilevel energy market models and techno-economic sector models to electricity markets, gas markets, hydrogen markets, network infrastructure, sector coupling, and cross-border cooperation
- Investigation of the effect uncertainty and risk aversion have on decision makers

### Prizes

- GEE Best Paper Award (International Ruhr Energy Conference) for the paper "Uncertain bidding zone configurations: the role of expectations for transmission and generation capacity expansion", together with Mirjam Ambrosius, Veronika Grimm & Harry van der Weijde, September 26, 2019.
- Emerging Talent Initiative (FAU Erlangen-Nürnberg): "Optimal regional decisions for the sustainable transformation of electricity markets", 07/2018–06/2019.

## Membership of Associations

- Member, International Association for Energy Economics
- Member, Gesellschaft für Energiewissenschaft und Energiepolitik e. V.
- Member, Verband Deutscher Wirtschaftsingenieure e. V.
- Member, nexus - Absolventenring der Wirtschaftswissenschaftler TU Dresden e. V.

## Refereeing service

European Journal of Operational Research, Energy Economics, Energy Policy, Energy Systems, International Conference on the European Energy Market, Renewable & Sustainable Energy Reviews, The Energy Journal.

## Recent conference organization

Responsibility of central organization for the European PHD student network “Young Energy Economists & Engineers Seminar” (YEEES) from 2013 – 2018 with PHD seminars at TU Vienna, KTH Stockholm, TU Dresden, KU Leuven, Paris Supelec, Comillas Madrid, University of Basel, University of Edinburgh, Lodz University of Technology, Delft University of Technology, and the Florence School of Regulation. Local organization of the YEEES seminars at the TU Berlin in 2012 and the University of Erlangen-Nuremberg in 2017.

More information is available on the webpage: [https://blogs.tu-berlin.de/wip\\_yeees/](https://blogs.tu-berlin.de/wip_yeees/)

## Language skills

German (mother tongue), English (fluent), French (intermediate)

## Teaching

### FAU Erlangen-Nürnberg (2017–2020)

- Game Theory: Course in the bachelor program at the FAU Erlangen-Nürnberg in the winter terms 2019/20, 2018/19, and 2017/18.
- Seminar Energy Markets: Supervision of student seminar papers on topics on electricity market design in the bachelor and master program at the FAU Erlangen-Nürnberg in the summer terms 2020 and 2017.
- Organization of bachelor thesis seminar and co-supervision of bachelor, project, and master theses.

### TU Berlin (2011–2015)

- Electricity Markets: Course in the master program at the TU Berlin in summer terms 2015, 2014, 2013, and 2012.
- Energy Economics: Course in the bachelor program at the TU Berlin in winter terms 2012/13 and 2011/12.
- Methods for Network Engineering Operations Research in master program at the TU Berlin in summer terms 2013, 2012, and 2011.
- Co-supervision of bachelor and master theses on electricity markets.

### DIW Berlin (junior trainer for PHD schools)

- EnerTRAIN: “Transmission Expansion and Regulation of Electricity Networks: Theory and Numerical Simulations” in the winter term 2013/14.
- InfraTRAIN: “Transmission Expansion of Electricity Networks with Time-Varying Supply and Demand” in the winter term 2010/11.

## Participation in externally funded projects

- Joint project: EOM-Plus – Analysis of the short and medium-term effects of market-based bottleneck instruments as a regional and temporary supplement to the existing energy-only electricity market design (FAU Erlangen-Nürnberg, 2019–2022).
- SFB Transregio 154: Mathematische Modellierung, Simulation und Optimierung am Beispiel von Gasnetzwerken (FAU Erlangen-Nürnberg, 2017–2022).
- Energie Campus Nürnberg (EnCN2): Project “Energienmarktdesign (EMD)” (FAU Erlangen-Nürnberg, 2017–2021).
- Increased Integration of the Nordic and German Electricity Systems (DIW Berlin, 2014–2015).

- Reformbedarf und -modelle für den effizienten Ausbau und Betrieb der Elektrizitätsnetze im Rahmen der Energiewende (TU Berlin, 2012–2015).
- Model-based analyses to design the energy market for the integration of renewable energy sources within the framework of the energy transition (DIW Berlin, 2012–2015).
- Effiziente und gerechte Allokation der Produktion erneuerbarer Energien auf nationaler Ebene (TU Berlin, 2011–2014).
- Evaluating Climate Policies in the Electricity Sector with a Hybrid Top-Down/Bottom-Up Model (TU Berlin, 2011–2014).
- Storage for Renewable Energy Sources (DIW Berlin, 2011–2014).
- NAMAs Zentralasien – Grünes Wachstum für Kasachstan (DIW Berlin, 2011–2013).
- EU involvement in Electricity and Natural Gas Transmission Grid Tarification (EC 7th Framework Programme THINK report, Topic 6, TU Berlin, 2012).

## Publications

### Submitted papers

1. Ambrosius, Mirjam, Jonas Egerer, Veronika Grimm, and A. van der Weijde (2020a). Risk aversion in multilevel electricity market models with different congestion pricing regimes. SSRN Electronic Journal. [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3498339](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3498339).
2. Egerer, Jonas, Veronika Grimm, Thomas Kleinert, Martin Schmidt, and Gregor Zöttl (2019). The Impact of Neighboring Markets on Renewable Locations, Transmission Expansion, and Generation Investment. Optimization online. [http://www.optimization-online.org/DB\\_HTML/2019/12/7508.html](http://www.optimization-online.org/DB_HTML/2019/12/7508.html).

### Refereed research papers

1. Ambrosius, Mirjam, Jonas Egerer, Veronika Grimm, and A. van der Weijde (2020b). Uncertain bidding zone configurations: the role of expectations for transmission and generation capacity expansion. *European Journal of Operational Research*, online first. DOI: 10.1016/j.ejor.2020.01.024.
2. Assembayeva, Makpal, Jonas Egerer, Roman Mendelevitch, and Nurkhat Zhakiyev (2019). Spatial electricity market data for the power system of Kazakhstan. *Data in Brief* **23**, 103781. DOI: 10.1016/j.dib.2019.103781.
3. Assembayeva, Makpal, Jonas Egerer, Roman Mendelevitch, and Nurkhat Zhakiyev (2018). A spatial electricity market model for the power system: The Kazakhstan case study. *Energy* **149**, 762–778. DOI: 10.1016/j.energy.2018.02.011.
4. Drechsler, Martin, Jonas Egerer, Martin Lange, Frank Masurowski, Jürgen Meyerhoff, and Malte Oehlmann (2017). Efficient and equitable spatial allocation of renewable power plants at the country scale. *Nature Energy* **2**(17124). DOI: 10.1038/nenergy.2017.124.
5. Egerer, Jonas, Clemens Gerbaulet, and Casimir Lorenz (2016). European Electricity Grid Infrastructure Expansion in a 2050 Context. *The Energy Journal* **37**(1), 101–124. DOI: 10.5547/01956574.37.SI3.jege.
6. Egerer, Jonas, Jens Weibezahn, and Hauke Hermann (2016). Two price zones for the German electricity market — Market implications and distributional effects. *Energy Economics* **59**, 365–381. DOI: 10.1016/j.eneco.2016.08.002.
7. Egerer, Jonas, Juan Rosellon, and Wolf-Peter Schill (2015). Power System Transformation toward Renewables: An Evaluation of Regulatory Approaches for Network Expansion. *The Energy Journal* **36**(4), 105–128. DOI: 10.5547/01956574.36.4.jege.
8. Huppmann, Daniel and Jonas Egerer (2015). National-strategic investment in European power transmission capacity. *European Journal of Operational Research* **247**(1), 191–203. DOI: 10.1016/j.ejor.2015.05.056.
9. Schill, Wolf-Peter, Jonas Egerer, and Juan Rosellon (2015). Testing regulatory regimes for power transmission expansion with fluctuating demand and wind generation. *Journal of Regulatory Economics* **47**(1), 1–28. DOI: 10.1007/s11149-014-9260-0.
10. Egerer, Jonas and Wolf-Peter Schill (2014b). Power System Transformation toward Renewables: Investment Scenarios for Germany. *Economics of Energy & Environmental Policy* **3**(2), 29–43. DOI: 10.5547/2160-5890.3.2.jege.
11. Scharff, Richard, Jonas Egerer, and Lennart Söder (2014). A description of the operative decision-making process of a power generating company on the Nordic electricity market. *Energy Systems* **5**(2), 349–369. DOI: 10.1007/s12667-013-0104-2.

- Egerer, Jonas, Friedrich Kunz, and Christian von Hirschhausen (2013). Development scenarios for the North and Baltic Seas Grid – A welfare economic analysis. *Utilities Policy* **27**, 123–134. DOI: 10.1016/j.jup.2013.10.002.

### PhD thesis

- Egerer, Jonas (2016a). *Low-carbon transformation of the German and European electricity systems - modeling market implications and infrastructure investments*. DOI: 10.14279/depositonce-5641. Technische Universität Berlin.

### Papers in conference proceedings

- Egerer, Jonas and Wolf-Peter Schill (2014a). Optimal infrastructure investments for renewable energy integration in Germany. In: IEEE, pp.1–6. DOI: 10.1109/EEM.2014.6861306.
- Lipp, Katharina and Jonas Egerer (2014). The flexibility of hydroelectric reservoir and pumped storage generation &#x2014; Application to Switzerland. In: IEEE, pp.1–5. DOI: 10.1109/EEM.2014.6861295.
- Egerer, Jonas, Casimir Lorenz, and Clemens Gerbaulet (2013). European electricity grid infrastructure expansion in a 2050 context. In: IEEE, pp.1–7. DOI: 10.1109/EEM.2013.6607408.
- Egerer, Jonas, Juan Rosellon, and Wolf-Peter Schill (2013). Towards optimal regulation of transmission network investment under renewable integration. In: IEEE, pp.1–8. DOI: 10.1109/EEM.2013.6607277.

### Book chapters

- Egerer, Jonas, Pao-Yu Oei, and Casimir Lorenz (2018). “Renewable Energy Sources as the Cornerstone of the German Energiewende”. In: *Energiewende "Made in Germany"*. Ed. by Christian von Hirschhausen, Clemens Gerbaulet, Claudia Kemfert, Casimir Lorenz, and Pao-Yu Oei. Cham: Springer International Publishing, pp.141–172. DOI: 10.1007/978-3-319-95126-3\_6.
- Holz, Franziska, Jonas Egerer, Clemens Gerbaulet, Pao-Yu Oei, Roman Mendelevitch, Anne Neumann, and Christian von Hirschhausen (2018). “Energy Infrastructures for the Low-Carbon Transformation in Europe”. In: *Energiewende "Made in Germany"*. Ed. by Christian von Hirschhausen, Clemens Gerbaulet, Claudia Kemfert, Casimir Lorenz, and Pao-Yu Oei. Cham: Springer International Publishing, pp.283–317. DOI: 10.1007/978-3-319-95126-3\_11.
- Lorenz, Casimir, Jonas Egerer, and Clemens Gerbaulet (2018). “Cross-Border Cooperation in the European Context: Evidence from Regional Cooperation Initiatives”. In: *Energiewende "Made in Germany"*. Ed. by Christian von Hirschhausen, Clemens Gerbaulet, Claudia Kemfert, Casimir Lorenz, and Pao-Yu Oei. Cham: Springer International Publishing, pp.319–344. DOI: 10.1007/978-3-319-95126-3\_12. [http://link.springer.com/10.1007/978-3-319-95126-3\\_12](http://link.springer.com/10.1007/978-3-319-95126-3_12).

### Technical reports

- Egerer, Jonas, Christian von Hirschhausen, Jens Weibezahn, and Claudia Kemfert (2015). *Energiewende und Strommarktdesign: zwei Preiszonen für Deutschland sind keine Lösung*. DIW Wochenbericht 9. DIW Berlin.
- Hethey, János, Anders Kofoed-Wiuff, Lars Bornak, Hans H. Lindboe, Simon Sawatzki, Marievi Vestarchi, Klaus Skytte, Jonas Katz, Jonas Egerer, Alexander Zerrahn, and Christian von Hirschhausen (2015). *Increased Integration of the Nordic and German Electricity Systems*. Berlin, Germany; Stockholm, Sweden: Agora Energiewende, Global Utmaning. [https://www.agora-energiewende.de/fileadmin/Projekte/2014/nordic-german-integration-project/Agora\\_Increased\\_Integration\\_Nordics\\_Germany\\_LONG\\_WEB.pdf](https://www.agora-energiewende.de/fileadmin/Projekte/2014/nordic-german-integration-project/Agora_Increased_Integration_Nordics_Germany_LONG_WEB.pdf).
- Egerer, Jonas, Clemens Gerbaulet, Richard Ihlenburg, Friedrich Kunz, Benjamin Reinhard, Christian von Hirschhausen, Alexander Weber, and Jens Weibezahn (2014). *Electricity Sector Data for Policy-Relevant Modeling: Data Documentation and Applications to the German and European Electricity Markets*. Data Documentation 72. Berlin, Germany: DIW Berlin. [http://www.diw.de/documents/publikationen/73/diw\\_01.c.440963.de/diw\\_datadoc\\_2014-072.pdf](http://www.diw.de/documents/publikationen/73/diw_01.c.440963.de/diw_datadoc_2014-072.pdf).
- Egerer, Jonas, Roman Mendelevitch, and Christian von Hirschhausen (2014). *A Lower Carbon Strategy for the Electricity Sector of Kazakhstan to 2030/50: Scenarios for Generation and Network Development ; Technical Report*. Politikberatung kompakt 85. DIW Berlin, p. 54. [https://www.diw.de/documents/publikationen/73/diw\\_01.c.478677.de/diwkompakt\\_2014-085.pdf](https://www.diw.de/documents/publikationen/73/diw_01.c.478677.de/diwkompakt_2014-085.pdf).
- Egerer, Jonas, Hauke Hermann, Christian von Hirschhausen, Felix Matthes, Karsten Neuhoff, Lothar Rausch, and Alexander Weber (2012). *Zum Netzentwicklungsplan (NEP) Strom 2012. Analyse des Entwurfs der Übertragungsnetzbetreiber vom 30. Mai 2012. – Stellungnahme für die Konsultation der Übertragungsnetzbetreiber*. Berlin, Germany. <http://www.oeko.de/oekodoc/1593/2012-449-de.pdf>.
- Gerbaulet, Clemens, Jonas Egerer, Pao-Yu Oei, Judith Paeper, and Christian von Hirschhausen (2012a). *Die Zukunft der Braunkohle in Deutschland im Rahmen der Energiewende*. Politikberatung kompakt 69. DIW Berlin. [https://www.diw.de/documents/publikationen/73/diw\\_01.c.412261.de/diwkompakt\\_2012-069.pdf](https://www.diw.de/documents/publikationen/73/diw_01.c.412261.de/diwkompakt_2012-069.pdf).

7. Gerbaulet, Clemens, Jonas Egerer, Pao-Yu Oei, Judith Paeper, and Christian von Hirschhausen (2012b). *Die Zukunft der Braunkohle in Deutschland im Rahmen der Energiewende*. Politikberatung kompakt 69. DIW Berlin. [https://www.diw.de/documents/publikationen/73/diw\\_01.c.412261.de/diwkompakt\\_2012-069.pdf](https://www.diw.de/documents/publikationen/73/diw_01.c.412261.de/diwkompakt_2012-069.pdf).
8. Von Hirschhausen, Christian, Sophia Ruster, Claudio Marcantonini, He Xian, Jonas Egerer, and Jean-Michel Glachant (2012). *EU involvement in electricity and natural gas transmission grid tariffication: final report, January 2012*. Florence, Italy: European University Institute. doi:10.2870/35676.
9. Egerer, Jonas, Lucas Bückers, Gregor Drondorf, Clemens Gerbaulet, Paul Hörnicke, Rüdiger Säurich, Claudia Schmidt, Simon Schumann, Sebastian Schwiedersky, and Thorsten Spitzel (2009). *Sustainable Energy Networks for Europe – The Integration of Large-Scale Renewable Energy Sources until 2050*. Electricity Markets Working Papers WP-EM-35. Dresden, Germany: Dresden University of Technology, Chair of Energy Economics and Public Sector Management. [http://tu-dresden.de/die\\_tu\\_dresden/fakultaeten/fakultaet\\_wirtschaftswissenschaften/bwl/ee2/dateien/ordner\\_publikationen/wp\\_em\\_35\\_Egerer\\_et\\_al\\_2050.pdf](http://tu-dresden.de/die_tu_dresden/fakultaeten/fakultaet_wirtschaftswissenschaften/bwl/ee2/dateien/ordner_publikationen/wp_em_35_Egerer_et_al_2050.pdf).

## Conference presentations

- “Risk Aversion in Uncertain Electricity Markets with Different Pricing Schemes”, EnCN Jahreskonferenz, Nuremberg, Germany, December 5, 2019.
- “Structural Regulatory Uncertainty in Electricity Markets”, 30th European Conference on Operational Research (EURO), Dublin, Ireland, June 25, 2019.
- “Die Energiewende in Deutschland”, XXII. dialog-Symposium zum Thema “Zukunftsperspektiven erneuerbarer Energien in Deutschland und Russland”, Tübingen, Germany, May 18, 2019.
- “Research for the next stage of the low-carbon energy transformation”, Berlin Conference on Sustainable Energy and Infrastructure Economics and Policy (BELEC), Berlin, Germany, October 12, 2018.
- “Transmission and generation investment for a core market region within a larger electricity market”, 41st IAEE International Conference, Groningen, Netherlands, June 12, 2018.
- “Transmission and generation investment for a core market region within a larger electricity market”, ENERDAY Conference, Dresden, Germany, April 26, 2018.
- “Transmission and generation investment for a core market region within a larger electricity market”, EnCN Annual Conference, Nuremberg, Germany, December 13, 2017.
- “National-strategic transmission investment and zonal pricing”, 15th IAEE European Conference, International Association for Energy Economics, Vienna, Austria, September 6, 2017.
- “Modeling inefficiencies in booking-based gas markets”, 21st Conference of the International Federation of Operational Research Societies (IFORS), Quebec City, Canada, July 18, 2017.
- “European Electricity Grid Infrastructure Expansion in a 2050 Context”, 2nd Berlin Conference on Electricity Economics, Berlin, Germany, May 28, 2015.
- “Two Bidding Zones in the German Electricity Market - Distributional Effects of Regional Price Signals”, IEWT 2015, 9. Internationale Energiewirtschaftstagung, Vienna, Austria, February 11, 2015.
- “Power System Transformation toward Renewables: the Modelling of Investment Scenarios for Germany”, 19ème séance du Séminaire de Recherches en Économie de l’Énergie de Paris-Sciences-Lettres, Paris, France, February 10, 2015.
- “Bedarf an Pumpspeichern, Interaktionen mit Investitionen in Übertragungsnetze und Gaskraftwerke (2024, 2034)”, Abschlussworkshop des Projektes StoRes, Berlin, Germany, December 11, 2014.
- “Two Price Zones in the German Electricity Market - Distributional Effects of Regional Price Signals”, Brown Bag Seminar of the Sustainability Cluster, DIW Berlin, Germany, November 13, 2014.
- “Two Price Zones in the German Electricity Market - Distributional Effects of Regional Price Signals”, 14th IAEE European Conference, International Association for Energy Economics, Rome, Italy, October 29, 2014.
- “Regional versus Bilateral Cost Sharing in Electricity Transmission Expansion”, 29th Annual Congress of the European Economic Association, Toulouse, France, August 26, 2014.
- “Market Power in the German Electricity Market - Increasing Renewable Shares and Congestion Management”, 20th Conference of the International Federation of Operational Research Societies (IFORS), Barcelona, Spain, July 14, 2014.
- “Optimal Infrastructure Investments for Renewable Energy Integration in Germany”, 11th International Conference on the European Energy Market, Krakow, Poland, May 29, 2014.

- “Optimal Infrastructure Investments for Renewable Energy Integration in Germany”, 9th Conference on Energy Economics and Technology, Dresden University of Technology, Dresden, Germany, April 11, 2014.
- “Studies of the European energy system - National motivations in an electricity transmission expansion game”, CenSES årskonferanse, Oslo, Norway, December 10, 2013.
- “Regional versus bilateral cost sharing in electricity transmission expansion”, 7th Annual Trans-Atlantic INFRADAY, Conference on Applied Infrastructure Modeling and Policy Analysis, Washington, D.C., USA, November 7, 2013.
- “Regional versus bilateral cost sharing in electricity transmission expansion”, 15th Young Energy Economists and Engineers Seminar (YEEES), Stockholm, Sweden, October 24, 2013.
- “Transmission Investment and Cost-sharing: A Theoretical Analysis and Numerical Application”, 1st Berlin Conference on Electricity Economics, Berlin, Germany, October 10, 2013.
- “Optimal utilization of the Norwegian renewable resources under different European policy scenarios”, Technoport Forum: Norway’s role in a renewable Europe, Trondheim, Norway, June 26, 2013.
- “European Electricity Grid Infrastructure Expansion in a 2050 Context”, 8th Conference on Energy Economics and Technology, Dresden University of Technology, Dresden, Germany, April 19, 2013.
- “Infrastructure Requirements for Regional and Inter-Temporal Integration of Fluctuating Renewable Generation in Germany”, 6th Annual Trans-Atlantic INFRADAY, Conference on Applied Infrastructure Modeling and Policy Analysis, Washington, D.C., USA, November 8-9, 2012.
- “Spatial Demand for new Electricity Infrastructure in Germany”, 7th Conference on Energy Economics and Technology, Dresden University of Technology, Dresden, Germany, April 08, 2012.
- “Techno-Economic Analysis of North Sea Offshore Grids”, 11. Workshop des PhD Student Chapter, Gesellschaft für Energiewissenschaft und Energiepolitik e. V., Berlin, Germany, November 25, 2011.
- “North Sea Offshore Grid Design - A Techno-Economic Analysis for Market Impacts in the North and Baltic Sea Region”, 11th Young Energy Economists and Engineers Seminar (YEEES), Universidad Pontificia Comillas, Madrid, Spain, November 24, 2011.
- “Multi-Objective Transmission Planning, Research Seminar”, Instituto de Investigación Tecnológica (IIT), Universidad Pontificia Comillas, Madrid, Spain, November 21, 2011.
- “North Sea Offshore Grid Design - A Techno-Economic Analysis for Market Impacts in the North and Baltic Sea Region”, 5th Annual Trans-Atlantic INFRADAY, Conference on Applied Infrastructure Modeling and Policy Analysis, Washington, D.C., USA, November 11, 2011.
- “North Sea Offshore Grid Design - A Techno-Economic Analysis for Market Impacts in the North and Baltic Sea Region”, 10th Conference on Applied Infrastructure Research, Berlin University of Technology, Berlin, Germany, October 9, 2011.
- “Planning the Offshore North and Baltic Sea Grid: A Study on Design Drivers, Welfare Aspects, and the Impact on the National Electricity Markets”, S.CO.RE Seminar, European University Institute, Florence, Italy, September 26, 2011.
- “North Sea Offshore Grid Design - A Techno-Economic Analysis for Market Impacts in the North and Baltic Sea Region”, 34th IAEE International Conference, International Association for Energy Economics, Stockholm, Sweden, June 19-23, 2011.
- “North Sea Offshore Grid Design - An Engineering-Economic Analysis for Market and Wind in the North and Baltic Sea Region”, 6th Conference on Energy Economics and Technology, Dresden University of Technology, Dresden, Germany, April 08, 2011.
- “EU - MENA RegGrid 2050 - A “Decentral” Approach for the Integration of Large-Scale Renewables (LRES)”, 5th Conference on Energy Economics and Technology, Dresden University of Technology, Dresden, Germany, April 16, 2010.
- “European Electricity Transmission in 2050 - an Engineering Economic Analysis of a Combined AC-DC Super Grid based on Renewable Energy Sources (RES)”, 11th IAEE European Conference, International Association for Energy Economics, Vienna, Austria, September 09, 2009.
- “Sustainable Networks 2050”, YEEES Seminar, European University Institute, Florence, Italy, June 01, 2009.