

**Scholarship Programme for Energy Sciences**  
**Interdisciplinary Conference “Energy in Exchange” –**  
**Infrastructure and storage for the energy transformation –**  
**Institutions, Investments and Regulation 2.0**  
**6<sup>th</sup>-7<sup>th</sup> April 2016, TU Dresden**

**Scientific Program Day 1**

<b>Wednesday, 6<sup>th</sup> April – 13:00 – 18:15 h</b>
<b>13:00 – 13:15 h</b> Opening and Introduction <ul style="list-style-type: none"><li>• Caroline Shearer, E.ON</li><li>• Dominik Möst, TU Dresden</li></ul>
<i>Session Moderator: Prof. Dominik Möst</i> <b>13:15 – 14:00 h</b> Mrs. Bente Hagem (STATNETT and Chair of ENTSO-E) EU energy policy. Developments in Europe and effects for Norway and Germany
<b>14:00 – 14:45 h</b> Prof. Karen Pittel (Ifo München) National goals and the European power market
<b>14:45 – 15:00 h – Coffee break with Poster Session</b>
<i>Session Moderator: Prof. Berte-Elen Konow</i> <b>15:00 – 15:45 h</b> Prof. Martin Kment (Uni Augsburg) Electricity network expansion in Europe: News from Germany?
<b>15:45 – 16:30 h</b> Prof. Dag Harald Claes (University of Oslo) Electricity as national identity – the historical legacy of Norwegian hydro power
<b>16:30 – 16:50 h – Coffee break with Poster Session</b>
<i>Session Moderator: Prof. Christoph Vedder</i> <b>16:50 – 17:35 h</b> Theresa Müller (TU Dresden) The Role of Flexible Electricity Demand for the System Integration of Renewable Energy Sources?
<b>17:35 – 18:20 h</b> Prof. Olav B Fosso (NTNU Trondheim) Hydro power - an effective medium for integration of renewable energy
<b>Closure day 1: 18:30 h</b>
<b>Dinner: 19:00 h – Location: Restaurant Alte Meister, französischer Pavillon.</b> Theaterplatz 1a, 01067 Dresden

**Scholarship Programme for Energy Sciences**  
**Interdisciplinary Conference "Energy in Exchange" –**  
**Infrastructure and storage for the energy transformation -**  
**Institutions, Investments and Regulation 2.0**  
**6<sup>th</sup>-7<sup>th</sup> April 2016, TU Dresden**

**Scientific Program Day 2**

<b>Thursday, 7<sup>th</sup> April – 09:00 – 17:00 h</b>
<i>Session Moderator: Prof. Peter Reichetseder</i> <b>09:00 – 09:45 h</b> Dr. Rüdiger Mautz (Uni Göttingen) Social Dynamics of The Energy Transformation from Bottom-up - Civil Society Initiatives as "Change Agents" in The Field of Renewable Energies
<b>09:45 – 10:30 h</b> Prof. Armin Grunwald (Karlsruhe Institute of Technology) Stakeholder and Citizen Participation for Improving Acceptance? Against oversized expectations
<b>10:30 – 11:15 h</b> Tristan Kleeb (Vice President Sales Strategy E.ON Deutschland) Customer driven innovation for the energy transformation
<b>11:15 – 11:35 h – Coffee break with Poster Session</b>
<i>Session Moderator: Prof. Tor Hemmingsen</i> <b>11:35 – 12:20 h</b> Frank Obermüller (EWI Cologne) Current debate about market zones and the impact on redispatch - the cases of Austria-Germany and Norway-Sweden
<b>12:20 – 13:05 h</b> Prof. Øystein Ulleberg (Universitet of Oslo) Renewable Energy, Hydrogen and Transport Systems: How can they be linked?
<b>End of presentation session: 13:15 h</b>
<b>Lunch: 13:15 – 14:15 h (with Poster Session)</b>
<b>Excursion to Centre for Energy Technology: 14:30 – 16:00 h</b>

**Pre-Conference Dinner ENERDAY 19:00 h (voluntary)**

Registration mandatory at <http://enerday.ee2.biz>

**Friday, 8<sup>th</sup> April**

**ENERDAY Conference on Energy Economics and Technology (voluntary)**

Program and Registration (mandatory) at <http://enerday.ee2.biz>

## Poster Presentations

### *in the coffee and lunch breaks*

Name	Title	Affiliation
Flämig-Wolak, Anne	Corporate Communication and Media Coverage as Drivers for the Corporate Reputation of Energy Utilities	Boysen-TUD-GRK, Chair of Media and Communication
Freiberg, Alice	Green Economy – Challenges to Health Protection at Work and in Public Health	Boysen-TUD-GRK, Institut und Poliklinik für Arbeits- und Sozialmedizin, Medizinische Fakultät Carl Gustav Carus
Gunkel, David	How to Reduce the need for new Transmission Lines in Germany? – A Techno-Economic Analysis of Concepts for Reducing Transmission Line Expansions in the Context of the Energy System Transformation	Chair of Energy Economics
Hanisch, Falk	Energy-Efficient and Networked Routing in Urban Areas	Boysen-TUD-GRK, Department of Vehicle Mechatronics
Hauser, Philipp	Future of the European natural gas market	Chair of Energy Economics
Hinz, Fabian	Regional Development of Grid Fees	Chair of Energy Economics
Hobbie, Hannes	Where to Install Renewable Energies? – Centralised vs. Regional Expansion from a System Perspective	Chair of Energy Economics
Kumar, Samarth	Interdependence Between National Capacity - Mechanisms and European Energy Strategies	Boysen-TUD-GRK, Chair of Energy Economics
Lexow, Lev	Key Issues of the Market Integration of Renewable Energies Exemplified by the German Tendering System for open Space Photovoltaic Plants	Boysen-TUD-GRK, Chair of Civil Law, Energy and Labour
Plewnia, Frederik	Economic-Ecological Optimization of Selected Technologies within the Energy Supply System	Boysen-TUD-GRK, Chair of Environmental Management and Accounting
Pruditsch, Nick	Institutionalization and Long-Term Governance of Energy Transition	Boysen-TUD-GRK, Chair of Political Systems
Sakowski, Alexander	Making Biogas a CO <sub>2</sub> Sink using Carbon Mineralization	Boysen-TUD-GRK, Chair of thermic process engineering and environment engineering
Schmidt, Matthew	New Trends in European Natural Gas Pricing: Impact of shifting market dynamics on gas price formation	Chair of Energy Economics
Schubert, Daniel	Assessment of Scenarios for Energy Systems – Potential, Limits and Acceptance	Chair of Energy Economics
Wollstein-Lehmkuhl, Anna-Elisabeth	Technologies and Potential of Seasonal Heat Storage Systems	Boysen-TUD-GRK; Institute of Construction Management
Zipf, Michael	Cooperation of TSO and DSO to provide Ancillary Services	Chair of Energy Economics
Zöphel, Christoph	Flexibility Options in the Energy System – Techno-Economic Assessment and Social Acceptance	Boysen-TUD-GRK; Chair of Energy Economics

\* The Boysen-TU Dresden-Graduiertenkolleg (also known as Boysen-TU Dresden- Research Training Group) research projects unite engineering science and social science to cooperate closely and interdisciplinary. The interdependence of technical design and social acceptance of sustainable energy systems, side effects and consequences are the focus of research.

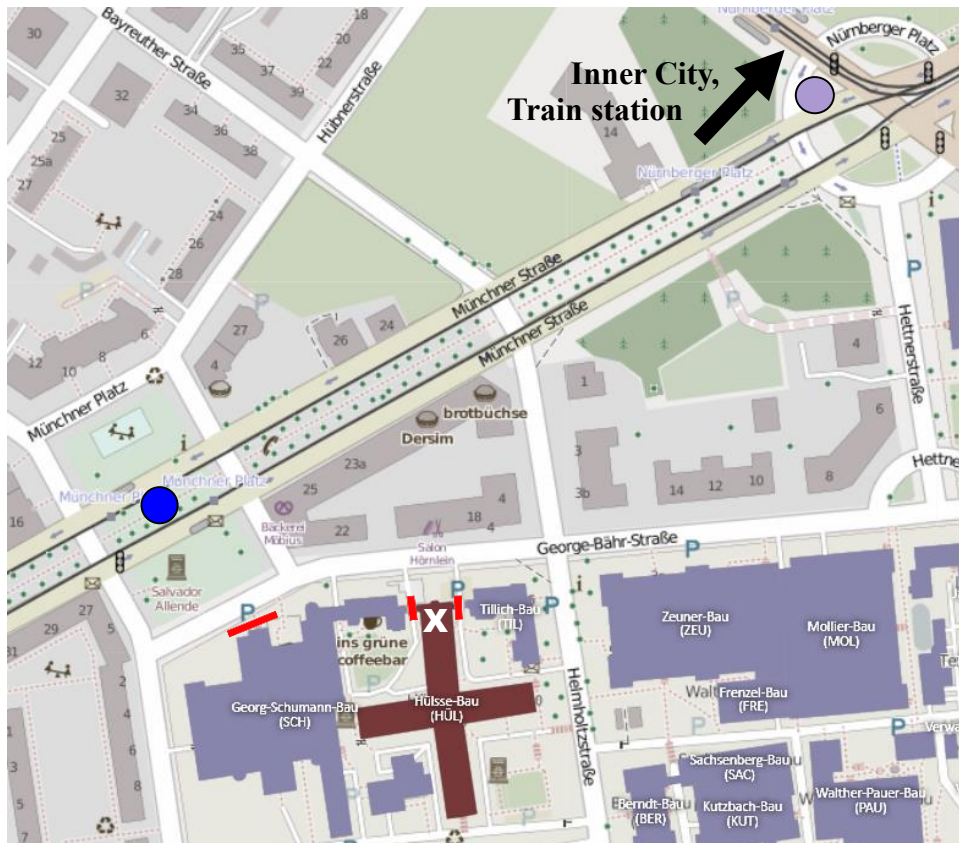
## List of participants

Name	Affiliation		Name	Affiliation
Claes, Prof. Dag Harald	Uni Oslo		Möst, Prof. Dr. Dominik	TU Dresden
Elverhoi, Prof. Anders	Uni Oslo		Müller, Theresa	TU Dresden
Flämig-Wolak, Anne	TU Dresden		Obermüller, Frank	EWI Köln
Fosso, Prof. Olav	NTNU Trondheim		Pittel, Prof. Dr. Karen	Ifo München
Freiberg, Alice	TU Dresden		Plewnia, Frederik	TU Dresden
Gampe, Prof. Uwe	TU Dresden		Pruditsch, Nick	TU Dresden
Großmann, Prof. Dr.-Ing. Steffen	TU Dresden		Reichetseder, Prof. Peter	E.ON Stipendienfonds
Grunwald, Prof. Armin	KIT		Rodi, Prof. Dr. Michael	Uni Greifswald
Gunkel, David	TU Dresden		Sakowski, Bastian	TU Dresden
Hagem, Bente	STATNETT and Chair of ENTSO-E		Schmidt, Matthew	TU Dresden
Hanisch, Falk	TU Dresden		Schubert, Daniel	TU Dresden
Hauser, Philipp	TU Dresden		Shearer, Caroline	E.ON
Hemmingsen, Prof. Tor	Uni Stavanger		Spiegel, Dr. Heinz-Rudi	E.ON Stipendienfonds
Hinz, Fabian	TU Dresden		Ulleberg, Prof. Oystein	Institute for Energy Technology, Kjeller
Hobbie, Hannes	TU Dresden		Vedder, Prof. Christoph	Uni Augsburg
Kleeb, Tristan	E.ON		Volla, Prof. Rune	Research Council of Norway
Kment, Prof. Dr. Martin	Uni Augsburg		von Selasinsky, Alexander	TU Dresden
Konow, Prof. Berte-Elen	Uni Bergen		Weyer, Prof. Dr. Hartmut	Uni Clausthal-Zellerfeld
Kumar, Samarth	TU Dresden		Wollstein-Lehmkuhl, Anna-Elisabeth	TU Dresden
Locker, Andrea	E.ON Stipendienfonds		Zipf, Michael	TU Dresden
Martius, Dr. Anna	TU Dresden		Zöphel, Christoph	TU Dresden
Mautz, Dr. Rüdiger	Uni Göttingen			

## Conference Location

Technische Universität Dresden, “Festsaal” of the Faculty of Business and Economics,  
Schumann-Bau / Hülse-Bau, Münchner Platz 3, 01069 Dresden, Germany

(Enter Main Portal of Schumann-Bau and follow signposting “E.ON conf.” or “ENERDAY”)



**X** Festsaal  
(ENTRANCE)

**|** Building entrances

**●** Tram station:  
Münchner Platz  
Line 3

**●** Tram/Bus station:  
Nürnberger Platz  
Line 8 and Line 62

**Main entrance**  
Georg-Schumann-Bau  
at Münchner Platz  
(follow signposting  
inside the building)

### By car:

From the **West** (Leipzig, Chemnitz): At the motorway interchange 77b-Dreieck Dresden-West follow the signs A17 to “Prag”. Leave A17 at exit 3-Dresden Südvorstadt. Drive on B170 in direction Dresden and follow the signs to „Plauen“. Drive on “Nöthnitzer Straße”, turn right into “Georg-Schumann-Straße” and drive up to “Münchner Platz”.

From the **East** (Bautzen, Berlin) leave A4 at exit 81a-Dresden Hellerau and drive on B170 in direction Dresden-Zentrum. After the main train station keep straight, following the tram (No.3). Turn right into “Münchner Straße” and drive up to “Münchner Platz”.

Try to find a parking lot around “Münchner Platz” or within the university area.

### By tram / bus:

From the **airport** take the S-Bahn line S2 on the lower ground floor of the terminal building and drive up to the main train station (“Hauptbahnhof”). Then take the tram No. 3 (direction: Coschütz) and get off at “Münchner Platz”.

From the **North** or the **Inner City** take the tram No. 3 (direction: Coschütz) and get off at “Münchner Platz” or take the tram No. 8 (direction: Südvorstadt) up to “Nürnberger Platz”.

From the **West** take the bus No. 62 (direction: Weißig / Fernsehturm) up to “Nürnberger Platz”.

From the **East** take the bus No. 62 (direction: Löbtau) up to “Nürnberger Platz”.

## Conference Dinner

**Alte Meister, Französischer Pavillon, Theaterplatz 1a, 01067 Dresden**



- Tram station:  
Theaterplatz, Line 8
- Basement garage  
Semperoper
- X** Alte Meister

### By car (about 15 minutes):

Drive along the "Münchner Straße" in direction Dresden-Zentrum. Keep left and follow the B170. At "Pillnitzer Straße" (before the bridge) turn right, then immediately turn left into "Steinstraße" and then turn left into "Terrassenufer". Follow the street about 900 meters and try to find a parking lot or basement garage around Theaterplatz.

### By tram / bus (about 25 minutes):

Tram Line 8 (direction: Hellerau) will take you directly from the University to the Conference Dinner (tram leaves every 10 minutes). The tram leaves at the corner of „Münchner Straße“/„Nürnberger Straße“ (see map conference location). Get off after seven stops at „Theaterplatz“.