



# First International Energy Day

On Monday, **27th June 2016**

at **Visitors Center Smart Energy Grids (BIENe)**

on the central campus of Brandenburg University of Technology (BTU)  
Cottbus-Senftenberg · Siemens-Halske-Ring · 03046 Cottbus

## Program

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| 09:00 to 09:15 | <p>Introduction</p> <p>by <i>Ms. Claudia Töpfer</i><br/>(M.Sc. Power Engineering), Research Assistant,<br/>Chair of Power Plant Technology (LS KWT),<br/>BTU Cottbus-Senftenberg</p>  |
| 09:15 to 09:30 | <p>Screening of Project Film „SMART Capital Region“</p>   |
| 09:30 to 10:00 | <p>“Exploring of biorefinery concepts, applications<br/>and modelling to produce food, biofuels, fibers,<br/>bio-chemicals from biomass and biowaste resources”</p> <p>by <i>Prof. Dr. Decio Cezar da Silva</i><br/>Advisor for International Affairs PADETEC –<br/>Universidade Federal do Ceará, Brazil</p> |
| 10:00 to 10:30 | <p>“Grid Integration of Renewable Energies and Electro Mobility”</p> <p>by <i>Dr.-Ing. Erik Blasius</i><br/>Academic Staff, Chair of Energy Distribution and<br/>High-Voltage Engineering (LS EVH), BTU Cottbus-Senftenberg</p>   |
| 10:30 to 11:00 | <p>“Model calculations - The potential role of energy storage<br/>technologies within the contest of fluctuating energy generation”</p> <p>by <i>Ms. Claudia Töpfer</i>,<br/>(M.Sc. Power Engineering), Research Assistant, LS KWT<br/>BTU Cottbus-Senftenberg</p>  |
| 11:00 to 11:30 | <p>“Heat demand and the German ‘Energiewende’.<br/>Finding Technical and Economic Potentials for the usage<br/>of Power-to-Heat”</p> <p>by <i>Mr. Stefan Wald</i> (M.Sc.)<br/>Academic Staff, Chair of Energy Economics,<br/>BTU Cottbus-Senftenberg</p>  |

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| 11:30 to 12:15  | Lunch  |
| 12:15 to 12:45  | <p>“Potential Analyses of Extended Renewable Energies”</p> <p>by <i>Dr.-Ing. Artur Napierala</i>,<br/>Academic Staff LS EVH, BTU Cottbus-Senftenberg</p>   |
| 12:45 to 01:15  | <p>“Challenges of the energy sector within the framework of the energy transition”</p> <p>by <i>Ms. Cinthya. Guerrero</i>, PhD.<br/>Academic Staff, LS KWT, BTU Cottbus-Senftenberg</p>  |
| 01:15 to 01:45  | <p>“Effects of increasing e-mobility on low voltage networks”</p> <p>by <i>Mr. Shahid Kaleem</i> (M.Sc. Power Engineering)<br/>Chair Decentralized Energy Systems and Storage Technologies/<br/>Mitnetz Strom mbh Kolkwitz</p> |
| 01:45 to 02:15  | <p>Guided Tour of Micro Smart Grid<br/>with <i>Mr. Enrico Jende</i> (Dipl.-Ing.)<br/>Academic Staff, LS EVH, BTU Cottbus-Senftenberg</p>   |
| <b>Contact:</b> | <p>Claudia Töpfer, <a href="mailto:claudia.toepfer@b-tu.de">claudia.toepfer@b-tu.de</a><br/>Cinthya Guerrero, <a href="mailto:guerrcin@b-tu.de">guerrcin@b-tu.de</a></p>   |

**Registration:** [krause@b-tu.de](mailto:krause@b-tu.de)

