

# 50. KRAFTWERKSTECHNISCHES KOLLOQUIUM

ADVANCE NOTICE  
2018

23rd and 24th October 2018

International Congress Center Dresden

Ostra-Ufer 2 | 01067 Dresden | [www.kraftwerkskolloquium.de](http://www.kraftwerkskolloquium.de)

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Labor and Transport and Deputy Prime Minister of Saxony



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DRESDEN  
concept  
Exzellenz aus  
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TECHNISCHE UNIVERSITÄT DRESDEN

■ Hall 4/5

**Plenary session**

Languages: German and English - simultaneous translation during the plenary session

**CHAIRPERSON: PROFESSOR DR.-ING. MICHAEL BECKMANN,  
TECHNISCHE UNIVERSITÄT DRESDEN**

<b>09:30 Uhr</b>	<b>Registration and exhibition opening with coffee and cake</b>
<b>10:30 Uhr</b>	<b>Welcome and award of the Boie Prize</b> Professor Dr.-Ing. Michael Beckmann, Technische Universität Dresden
<b>11:00 Uhr</b>	<b>Global trends and their impact on energy production</b> Dipl.-Ing. Willi Meixner, Siemens AG, CEO Devison & Gas, Erlangen
<b>11:30 Uhr</b>	<b>Coming soon</b>
<b>12:00 Uhr</b>	<b>Energy transformation in Europe</b> Professor Dr. Klaus-Dieter Borchardt, European Commission, Director of the Internal Energy Market, Brussels
<b>12:30 Uhr</b>	<b>Energy policy of the Free State of Saxony – with a view to Germany and Europe</b> Prime Minister of Saxony Michael Kretschmer, Dresden
<b>13:00 Uhr</b>	<b>Lunch break</b>
	<b>CHAIRPERSON: PROFESSOR DR.-ING. HABIL. ANTONIO HURTADO, TECHNISCHE UNIVERSITÄT DRESDEN</b>
<b>14:15 Uhr</b>	<b>Integrated energy supply – The strategy of the ENBW</b> Dr.-Ing. Hans-Josef Zimmer, CTO EnBW Energie Baden-Württemberg AG, Karlsruhe
<b>14:45 Uhr</b>	<b>LEAG – The guarantor for security of supply, flexibility, price stability and integrated energy supply</b> Dipl.-Ing. Hubertus Altmann, CTO Lausitz Energie Kraftwerke AG and Lausitz Energie Bergbau AG, Cottbus
<b>15:15 Uhr</b>	<b>The failure of the media in reporting on the energy transformation</b> Roland Tichy, Head of the Ludwig Erhard Foundation and editor of monthly magazine <i>Tichys Einblick</i> , Frankfurt am Main
<b>15:45 Uhr</b>	<b>Coffee break</b>
<b>16:15–18:15 Uhr</b>	<b>Specialized topics in individual lecture halls</b>
<b>18:30 Uhr</b>	<b>Beer reception in the exhibition hall</b>
<b>19:30 Uhr</b>	<b>Evening event</b>

**Main topics for the lectures on 23rd and 24th October 2018**

**New power plants, Pilot projects**

- Fossil power plants
- Nuclear power plants
- Sewage sludge, biomass, wind, solar, water

**Combustion and Steam generators**

- Pollutant reduction - primary and secondary
- Combustible/emission/slugging/corrosion
- CCS - technologies

**Nuclear energy systems**

- Final storage
- Decommissioning
- Safety

**Power machinery**

- Gas turbines, steam turbines, water turbines
- Operation flexibility
- Operational safety and reliability

**Process simulation, Measuring technology and Digitalization**

- Assistance systems
- Advanced Sensor Technology
- Cyber Security

**Integration of Renewable energy**

- Storage systems
- Flexibility of fossil power plants
- Decentralized power supply systems

**Grids**

- Electricity grids, gas grids
- Extension, control
- System services

**Operation and Maintenance**

- Control fittings, piping, container
- Materials
- Operating damages