

Modern Electric Power Systems MEPS'2015 at the Wrocław University of Technology

The 5th edition of the International Conference on Modern Electric Power Systems MEPS'2015 (<http://meps15.pwr.edu.pl>) took place from 6th to 9th July 2015 in Wrocław. The Conference was organized at the Wrocław University of Technology by the Department of Electrical Power Engineering from the Faculty of Electrical Engineering and the Faculty of Computer Science and Management.

There were presented around 100 papers dealing with the following issues of power systems:

- System planning and management
- Energy markets and energy finance
- Emission trading
- Electricity price and load forecasting
- Energy policy
- System stability and analyses
- Control and operation
- System restoration
- Flexible AC transmission systems (FACTS)
- System protection
- Power quality
- Distributed generation & renewable energy
- Smart grids
- Diagnostics
- System modelling and simulation
- AI application
- Information technology and internet
- Communication and cyber security.

The following Keynote Lectures delivered by the famous professors from Universities and innovators from power companies appeared as very important part of the Conference:

1. A Research and Innovation Park for Current and Future Power Systems by Prof. Tarlochan Sidhu - University of Ontario Institute of Technology, Canada
2. Performance of Power System Protection - Have We Reached the Absolute Limit? by Dr. Bogdan Kasztenny - Schweitzer Engineering Laboratories Inc., Canada
3. Carbon Pass-through Costs in Wholesale Electricity Markets by Prof. Stefan Trueck - Macquarie University, Australia
4. Operational Security of Modern Power Transmission System with High Penetration of Renewables by Dr. Ivan Dudurych - EirGrid - Transmission System Operator, Ireland
5. Grid Integration Issues of Renewable Energy by Dr. S.M. Muyeen - The Petroleum Institute, United Arab Emirates.

The Keynote lectures presented novel solutions in power systems and have inspired very interesting discussions.

The MEPS'2015 was eventful besides its scientific side. In particular, a welcome reception to renew acquaintances and meet new colleagues has taken place at the Conference Venue. The Gala Dinner at Wrocław ZOO Garden "Letnia" Restaurant preceded by 50-minutes excursion boat on the Odra river and combined with a 1-hour walk through the newest attraction of the ZOO – Africarium (Foto) were the other events.



The Conference has been technically co-sponsored by IEEE and all the presented papers will be included into IEEE Explore base. The organizers of the Conference would like to gratefully acknowledge support of the PGE – Górnictwo i Energetyka Konwencjonalna, the company which has sponsored this scientific event.

Finally, the participants have agreed that the Conference was successful and future editions of the Conference have to be organized within the same frame.

*The members of the Organizing Committee:
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