11th Wind Integration Workshop

Int'l Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants

Lisbon, Portugal
13 - 15 Nov. 2012

Register now at www.windintegrationworkshop.org

The Wind Integration Workshop provides a platform for researchers, economists and practicing engineers from different fields relating to wind power and transmission systems to exchange their knowledge and discuss their experience. The emphasis of this workshop is on both theoretical discussions and practical applications.

Presentations will be given by invited speakers from companies and leading research institutes as well as by workshop participants.

The workshop will be held together with the 2nd International Workshop on Integration of Solar Power into Power Systems, 12 - 13 November 2012.

The workshop provides an international forum to:

- Discuss technical and economic issues of the large-scale integration of wind power including the recent advances in transmission technologies (AC and DC)
- Discuss project experiences
- Discuss innovative ideas and present results from ongoing research
- Stimulate interdisciplinary thinking between wind energy and power transmission industries, as well as universities
- Identify subjects requiring more research efforts

▶ International Advisory Committee

- Thomas Ackermann | Energynautics, DE
- Sigrid Bolik | Repower, UK
- Heiner Brakelmann | Univ. of Duisburg-Essen, DE
- Peter W. Christensen | Vestas, DK
- Ana Estanqueiro | LNEG, PT
- Alain Forcione | Hydro-Québec, CAN
- Michael N. Frydensbjerg | Siemens Wind Power, DK
- Paul Gardner | GL Garrad Hassan, UK
- Gregor Giebel | DTU Wind Energy, DK
- Hannele Holttinen | VTT, FIN
- Reza Iravani | University of Toronto, CAN
- Lawrence E. Jones | Alstom Grid, USA
- Julija Matevosyan | ERCOT, USA
- Cláudio Monteiro | FEUP, PT
- Antje Orths | Energinet.dk, DK
- Markus Pöller | DE
- Troels Stybe Sørensen | Dong Energy, DK
- Charlie Smith | UWIG, USA
- Poul Sørensen | DTU Wind Energy, DK
- Adrian Timbus | ABB, CH
- Frans Van Hulle | EWEA, BE

WIND TUTORIALS:

▶ Monday afternoon, 12 Nov. 2012 + Tuesday morning, 13 Nov. 2012
- Advanced modeling of wind turbines

WIND WORKSHOP PROGRAM:

▶ Day 1: Tuesday, 13 Nov. 2012

Sessions | Afternoon
- Keynote session
- ENTSO-E network code discussion
- Wind and solar integration: Planning/operation issues
- Wind forecasting I

▶ Day 3: Thursday, 15 Nov. 2012

Sessions | All day
- Grid integration experience II
- Means for power balancing
- Harmonic issues
- Offshore wind power plants
- Wind forecasting III
- Frequency/inertia response
- HVDC technology II
- Grid code issues
- Modeling II
- Podiums discussions

▶ Day 2: Wednesday, 14 Nov. 2012

Sessions | All day
- Grid integration experience I
- Modeling I
- Offshore transmission systems
- Wind power integration in REN's grid – Part 1: Integration procedures
- Market issues
- Integrating issues and solutions I
- Wind power integration in REN's grid – Part 2: Innovations
- Wind forecasting II
- Integrating issues and solutions II
- Grid integration studies
- Reactive power support issues
- HVDC technology I

Evening
- Wind dinner

To our website