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9th International Workshop on Large-Scale Integration of Wind Power into Power Systems

as well as on

Transmission Networks for Offshore Wind Power Plants

18 - 19 October 2010
Québec, Canada



Organized by
Energynautics GmbH (Germany)



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Welcome to Québec!

The *International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants* goes to Québec City, Québec, Canada.

We would like to welcome you to its 9th edition, which will be held on Monday-Tuesday, **October 18-19, 2010**.

October 13 to October 15, 2010 will be dedicated to the regular UWIG Fall Technical Workshop.

The Field Trip 2010 will take place on Saturday, October 16, 2010.

This workshop, now one of the premier conferences in its field, will provide an excellent platform for exchanging knowledge and ideas and sharing experiences around wind energy during two days. Presentations are held by invited speakers from companies and leading research institutes as well as by workshop participants (Call for papers).

Workshop Program *

The overall workshop program (preliminary) will include the following sessions and events:

Saturday, 16 October, 2010

- Field Trip 2010

Sunday, 17 October, 2010

- Registration, Reception & Snack at the LOEWS Hotel Le Concord Québec



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

A major goal is to maintain the platform developed in recent years for discussing and sharing ideas and knowledge regarding the key issues.

An important part of the workshop will be devoted to in-depth discussions and brainstorming.

* Only draft program, see web page for final version of the program

Monday, 18 October, 2010

- Registration
- Keynote Session & Panel
- European Grid Integration Studies
- Wind Forecasting
- Modeling
- Offshore Wind Power Plants
- Voltage Stability Control
- North American Grid Integration Studies
- Energy Management and IT Solutions
- Canadian University Research (WESNet)
- HVDC
- Conference Dinner

Tuesday, 19 October, 2010

- Regulations, Markets and Offshore Wind Energy
- Integration Issues
- Frequency Control
- Methodologies to Estimate Wind Power Impacts and Power Systems; Summaries from IEAWIND Collaboration
- Grid Codes and System Impact Studies
- Operation and Dispatch
- Storage and DSM
- Wind Turbine Control System
- Closing Session / Podium discussions