

# TEMPLATE



**The XXI<sup>th</sup> International Conference on Electrical Machines  
ICEM 2014**  
September 2-5, 2014  
**Berlin - Germany**

**Special Session on**

## **WIND FARM POWER INTEGRATION INTO ELECTRIC GRID SYSTEMS: MODELING AND CONTROL**

**organized and co-chaired by:**

**name, [Email](#)**

**name, [Email](#)**

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## **Call for Papers**

Topics of interest include, but are not limited to:

- Low wind speed technology improvement.
- Power control solutions for the power quality improvement for a wind farm connected to a weak grid.
- System structures and power control concepts for weak grids that level out power fluctuations and may increase wind energy penetration.
- Development of control systems that allow for grid connection of a larger amount of wind capacity without exceeding voltage limits and without grid reinforcement.
- Dynamic interaction between a wind farm and a power system, both during normal operation and during transient grid fault events.
- Tools for assessment of the technical merit and feasibility of power control system structures and algorithms for wind farm power integration.
- Dynamic modeling of wind farm-power system interaction for evaluations of system structures and power control concepts.

**Submission of papers:  
Final Deadline is January 30, 2014**

All the instructions for paper submission are included in the conference website:  
<http://www.icem2014.de>