

CALL FOR PAPERS



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E.ON Energy Research Center
ACS | Institute for Automation
of Complex Power Systems



2nd IEEE International Workshop on Applied Measurements for Power Systems

AMPS 2011

Sept. 28-30, 2011

E.ON Energy Research Centre RWTH Aachen University

Aachen, Germany

AMPS 2011 will be the 2nd edition of an international workshop on applied measurements in power systems

Workshop Topics

The Workshop deals with all the aspects related to the measurement applications in power systems. In this field measurement issues are continuously increasing along with a demand for more and more accurate measurements. The development of new diagnostic methods, of new kind of power network managements, the study and development of Smart Grids where also synchronized distributed measurement systems are required and the even more critical environmental conditions are some examples of the challenges for the new generation of sensors and measurement apparatus.

This Workshop will focus on all the aspects related to sensors and measurements in the field of power networks and power systems, to find a pondered, physically and mathematically sound answer to the challenges of the future Power Grid.

Main topics include, but are not limited to

- Measurement issues in Smart Grids
- Nonconventional current and voltage sensors
- Sensors for protection relays and for special applications in power systems
- New generation of revenue metering
- Reliability of measurement apparatus for control and management of power networks
- Measurement systems for diagnostic purposes
- Definition and measurement of Power Quality indices
- Development of coordinated proposals for new Standards
- Distributed measurement systems
- Certification issues of nonconventional measurement systems and apparatus

The expected contributions to be presented in the 2nd edition of the AMPS workshop should critically address these issues and develop opinions and innovative solutions to instrumentation and measurement challenges in power applications.

<http://amps2011.ieee-ims.org>

Submission

Prospective authors should submit a 3 pages summary of their work (in English only) using on-line submission system. A submission implies willingness to register and present the work if the paper is accepted for presentation at the Workshop.

Important deadlines

April 24, 2011

June 26, 2011

notification of authors on the acceptance or

July 31, 2011

submission of camera-ready

submission of extended abstracts

rejection of extended abstracts

full-text papers