



**The 2<sup>nd</sup> International Symposium on Power Electronics  
for Distributed Generation Systems  
PEDG 2010  
Hilton Hefei, City of Hefei, China  
June 16~18, 2010**



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**CALL FOR PAPERS  
PEDG 2010**

<http://www.pedg2010.org>

Following the success of the first international symposium devoted to the technological advances in power electronics and distributed generation (DG), the 2<sup>nd</sup> International Symposium on Power Electronics for Distributed Generation Systems (PEDG2010) will be held during June 16 - June 18, 2010 in Hefei, a historic city of 2.7 million in Eastern China. The symposiums of PEDG will become a regular conference sponsored by IEEE Power Electronics Society.

*All papers in the PEDG2010 proceedings will be included in IEEE Xplore and EI Compendex*

This unique international symposium will provide a venue for experts to present the state-of-the-arts in power electronics and distributed generation systems. The symposium features keynote speeches and regular technical sessions on the theory, analysis, design, test and deployment related to power electronics for distributed generation and renewable energy systems:

- New power semiconductor devices and modules for DG and renewable energy converters
- Power electronic converters and controls, including high voltage and high power converters
- High efficient power conversion for DG and renewable power systems
- Integration and control of multiple power converters and systems
- DG and converter interfacing technologies for utility grids and power quality
- Ground current suppression, dc injection suppression and EMI filter design
- Islanding detection, safety protection and standards of DG systems
- Control, communication and monitoring of DGs and renewable energy systems
- Energy storage, energy management, microgrids and hybrid energy systems
- Applications of wind systems, photovoltaic systems, small hydro units, marine energy systems, fuel cells, microturbines, combined heat and power generators etc.
- Smart grids, demand response control and power system applications
- Technical challenges and barriers of power electronics for DG systems
- Plug-in hybrid electric vehicle applications

**Submission of Papers:** The working language of the symposium is English. Prospective participants are invited to electronically submit abstracts and subsequently full papers of their work in English. The submission instructions and symposium information are posted on the symposium website ([www.pedg2010.org](http://www.pedg2010.org)). Accepted papers will be included in IEEE Xplore and indexed by EI Compendex.

**Important Dates:**

Deadline for abstract and digest submission: ~~December 31, 2009~~ February 10, 2010  
Notification of acceptance: February 28, 2010  
Deadline for final manuscripts: April 15, 2010

