

作者是 系統管理員

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IEEE PEDG 2010 ( <http://www.pedg2010.org/>) abstract and digest summition deadline extention to Jan. 31, 2010.

Topics of PEDG210:

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