



## CALL FOR PAPERS

Bringing together the world's experts in renewable power and distributed generation, the 7th International Symposium on Power Electronics for Distributed Generation Systems (PEDG 2016) will take place from the 27th – 30th of June, 2016, in Vancouver, Canada.

This international symposium, sponsored by the IEEE Power Electronics Society and organized by the PELS Technical Committee on Sustainable Energy Systems, will allow experts on power electronics and distributed generation to meet, exchange ideas, and present on the latest technical advances.

The symposium will feature keynote speeches, tutorials and regular technical sessions on the theory, analysis, design, testing and deployment of power electronics for distributed generation and renewable energy systems.

## SUBMISSION OF PAPERS

Prospective participants are invited to submit an extended abstract of their work for peer review. The document should be in English, and should not exceed 5 pages double-spaced. Detailed submission instructions are available at [www.pedg2016.org](http://www.pedg2016.org). Technical papers are sought on the following topics:

### Track 1: Power Electronics in Distribution Systems

- Wind farms, PV farms, wave energy systems, co-generation
- Ac vs. dc distribution, smartgrid, micro/nano-grid
- Power devices, inverters, power quality, control
- Highly efficient power conversion for DG and renewable power systems

### Track 2: Power Electronics for Sustainable Sources

- PV, wind, CHP, wave, fuel cells, others
- Power components, dc-dc & dc-ac converters
- Control, communication and monitoring of renewable energy systems

### Track 3: Power Electronics for Energy Storage Systems (stationary and mobile)

- Batteries, ultracapacitors, fuel cells, hybrid storage
- Bidirectional dc-dc converters, charge controllers
- Plug-in hybrid electric vehicle applications



## PUBLICATION AND AWARDS

All papers presented at PEDG 2016 will appear in IEEE Xplore and will be listed in the Ei Compendex. There will be three Best Paper awards, as selected from the full paper submissions

## LOCATION

Located on Canada's Pacific coast, Vancouver is a popular tourist destination. The University of British Columbia, the host institution, has a 400-acre campus in Vancouver, and is consistently ranked among the top 40 universities worldwide. The conference will take place in downtown Vancouver, and attendees will have opportunities to visit facilities at the University of British Columbia campus and other local sites.

## SOCIAL PROGRAM

Social events will include a banquet on scenic Grouse Mountain and a chance to visit the unique viewing platform of the Grouse Mountain Eye of the Wind turbine.

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IEEE Power Electronics Society (PELS)

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## DEADLINES

Extended abstract submission:

**26<sup>th</sup> FEBRUARY 2016**

Notification of acceptance:

**4<sup>th</sup> APRIL 2016**

Final manuscripts:

**9<sup>th</sup> MAY 2016**