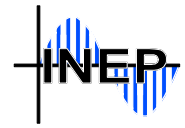


PEDG 2017

Florianópolis
Brazil

April 17-20, 2017

pedg2017.ufsc.br



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DEADLINES

Extended abstract submission:
31st October 2016

Notification of acceptance
6th February 2017

Final Manuscripts
13th March 2017

CALL FOR PAPERS

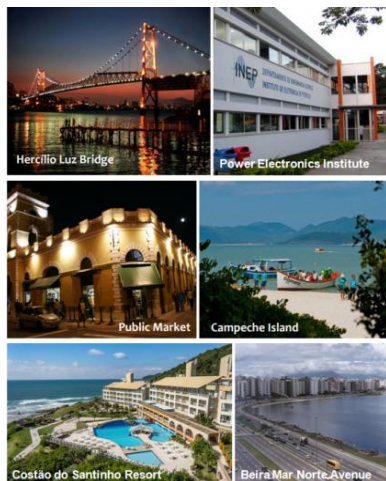
Bringing together the world's experts in renewable power and distributed generation, the 8th International Symposium on Power Electronics for Distributed Generation Systems (PEDG 2017) will take place from the 17th – 20th of April, 2017, in Florianópolis, Brazil.

This International Symposium, sponsored by the IEEE Power Electronics Society and organized by PELS Technical Committee on Sustainable Energy Systems, will allow experts on power electronics and distributed generation to meet, exchange ideas and present on their ground-breaking work.

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 will be available at pedg2017.ufsc.br Technical papers are sought in the following topics:



Track 1: Power Electronics in Distributed Systems

- Wind farms, PV farms, wave energy systems, co-generation
- Ac vs. dc distribution, smartgrids, micro/nano-grids
- Power components, inverters, power quality, control
- Solid state transformers, medium voltage dc distribution

Track 2: Power Electronics for Sustainable Sources

- PV, wind, CHP, wave, fuel cells, others
- Power components, dc-dc, ac-ac & dc-ac converters, control
- High efficiency power converters for sustainable sources

Track 3: Power Electronics for Energy Storage Systems

- Batteries, supercapacitors, fuel cells, hybrid storage systems
- Bidirectional dc-dc converters, charge controllers
- Charging infrastructure for EVs, wireless charge systems

PUBLICATION AND AWARDS

All papers presented at PEDG 2017 will appear in IEEE Xplore and will be listed in EI Compendex. There will be two Best Paper and a Young Engineer awards, selected from the full paper submissions.

LOCATION

PEDG 2017 will take place at [Costão do Santinho Resort](http://www.ufsc.br/costao), Florianópolis, Brazil. With a population of around 400,000, the city is known for having a high quality of life. The city is located in a lovely island with over 520 km² (200 sq. mi) of green hills, blue lagoons and 42 white sand beaches. On the island is the Federal University of Santa Catarina, with its 12 centers, including the Technology Center that hosts the Department of Electrical and Electronic Engineering, where the Power Electronics Institute (INEP) is located. Technical visits will be promoted.

SOCIAL PROGRAM

A social program will be provided for participants and accompanying persons as an opportunity to get better acquainted with Florianópolis. A full program for accompanying persons is in planning.

