



The 12th IEEE International Conference on Power Electronics and Drive Systems

12 – 15 December 2017, Honolulu, Hawaii, USA



CALL FOR PAPERS

The 12th IEEE International Conference on Power Electronics and Drive Systems (PEDS 2017) will be held in Honolulu, Hawaii, USA on 12 – 15 December 2017. The conference is a biennial event and is recognized as one of the major series of conferences in power electronics and drive systems. PEDS 2017 continues to retain its tradition of high quality conference and will open up an opportunity for academics and industrial professionals worldwide to exchange their knowledge of the state-of-the-art power electronics and drive technologies and applications. The 4-day programme will feature tutorials and technical paper presentations. Papers presented in conference will be submitted to the IEEEExplore Digital Library and indexed by EI Compindex.

The range of technical topics includes but not limited to:

- Power semiconductors, Power integrated circuits (PIC), passive components and packaging technologies
- Wide bandgap semiconductor technologies
- Motor drives and motion control
- Analysis and design of electrical machines
- Hard-switching and soft-switching static power converters and UPS
- Applications of power electronics in power system
- Power quality issues, harmonic problems and solutions
- EMI/EMC issues
- Traction and automotive systems
- Applications of power electronics in home appliance, industry and aerospace
- Renewable energy technologies
- Distributed generation and smart-grid
- Modelling and simulation in power electronics
- Power electronics related education/professional development
- Bio-medical power electronics
- Telecommunications power supplies
- Micro-electromechanical systems (MEMS)
- Power electronic emerging technologies

Prospective authors are invited to submit an extended summary in single column text font size 11pt of no more than 3 pages including figures. The submission must clearly state: the purpose of the work; the manner and degree to which it advances the art; and specific new results that have been obtained and their significance.

Author's Schedule

Prospective authors should note the following deadlines. Please mark these dates in your calendar.

- **Digest submission deadline: 30 March 2017**
- **Notification of paper acceptance: 30 May 2017**
- **Final paper submission deadline: 15 July 2017**

Conference website URL: <http://www.ieee-peds.org>

Conference facebook URL: <http://www.facebook.com/peds.conferences>

