



The Sixth IEEE International Conference on Power Electronics and Drive Systems

28 Nov – 1 Dec 2005, Kuala Lumpur, Malaysia



Organiser: Universiti Teknologi Malaysia

Co-organisers: IEEE PELS/IAS/IES Joint Chapter, Malaysia Section & IEEE IAS/PELS Joint Chapter, Singapore Section

Technical Co-Sponsors: IEEE Industry Applications and Power Electronics Societies

First Announcement and Call for Papers

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The 6th International Conference on Power Electronics and Drive Systems (PEDS'05) will be held in Kuala Lumpur, Malaysia from 28 November to 1 December 2005. The conference is a biennial event and is considered to be one of the most successful and popular series of conferences in power electronics and drive systems, which brought the experts from all over the world to exciting destinations in Asia. The 4-day program will feature tutorials, technical paper presentations and an exhibition. The conference theme is "Exploring New Frontiers in Power Conversion Technologies for Sustainable Development".

Technical Papers

The range of topics includes, but not limited to:

- Power semiconductors, passive components and packaging technologies
- Hard-switching and soft-switching static power converters
- Switch-mode power supplies and UPS
- Application of power electronics in power system and generation
- Power quality issues, harmonic problems and solutions
- Analysis, design, control, and applications of electrical machines and drives
- Aerospace applications
- Power electronics education/professional development
- Test, measurement and instrumentation
- Bio-medical power electronics
- Telecommunications power supplies
- Power electronics in traction, automotive and shipping propulsion
- Renewable energy technologies
- Micro-electromechanical systems (MEMS)
- Power integrated circuits (PIC)
- Consumer power electronics
- Bearingless drive technologies
- Modelling and simulation
- Power engineering related technologies

Prospective authors are invited to submit an extended summary of not more than 5 pages including figures. The authors must not indicate their name and affiliations in the body of the extended summary. They only give their personal information during on-line submission process. The extended summary must be submitted in PDF format, with A4 paper size and font size not less than 10. A peer review process will be used to evaluate all papers submitted for consideration. The submission is web-based at <http://www.ieee.org/peds05/>. For more information please contact the PEDS'05 Secretariat.

Author's Schedule

Prospective authors should note the following deadlines:

- **Deadline for extended summary** 15 May 2005
- **Notification of acceptance** 1 July 2005
- **Deadline for final paper submission** 15 September 2005

Tutorials

Several tutorials will be held prior to the technical presentations. Authors, who are interested in delivering a tutorial, please contact the PEDS'05 Secretariat.

Exhibition

A comprehensive exhibition will be held during the conference. Exhibitors will include participants from commercial firms and organizations involved in the manufacturing, sales or distribution of power electronics equipment and professional or technical services. If interested in exhibiting, please contact PEDS'05 Secretariat.

International Steering Committee

PEDS'05 Secretariat

Energy Conversion Department
Faculty of Electrical Engineering
Universiti Teknologi Malaysia
81310 UTM Skudai
Johor, Malaysia
Tel: (+607) 5535341
Fax: (+607) 5566272
Email: peds05@ieee.org
Web: <http://www.ieee.org/peds05/>

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