



Power Electronics Specialists Conference

June 12 - 16, 2005
Mar Hotel, Recife, Brazil
Website: www.pesc05.org

Topics of Interest

- Power Semiconductor Devices
- Inverters (VSI and CSI)
- AC-AC and Matrix Converters
- Rectifiers
- DC-DC Converters
- Resonant Converters
- Converter Control Techniques
- System Power Factor Correction
- Modeling, Analysis and Simulation
- Integration, Packaging and Modules
- Motor Drives
- Power Quality and Utility Interface Issues
- Intelligent Systems
- Passive Components
- Energy Storage
- Distributed Generation and Renewable Energy
- Power Supplies and Consumer Applications
- Automotive Applications
- Aerospace Power Applications
- Other Power Electronic Applications

Special Session : Diagnostics and Fault-Tolerant Applications, organized by Dr. A.J. Marques Cardoso

Special Session : Very Large Power Drives and Converters, organized by Dr. Fei Wang

Tutorials : send your tutorial proposal to Dr. Jorge L. Duarte (j.l.duarte@tue.nl)

Power Electronics Education Workshop (PEEW) - Authors are invited to submit papers in power electronics education for both oral and poster sessions. A power electronics education workshop will be held in conjunction with PESC '05 (June 16-17, 2005). The workshop will discuss various delivery technologies available and how to implement them to power power electronics courses at both undergraduate and graduate levels. Keynote speakers and a luncheon will convene the participants. Discussions on industry needs, adaptation to modern university curricula, modern laboratories, use of simulation and web technology in education will be also a focus of this workshop. The workshop proceedings will be indexed by IEEE and published in a separate CD-ROM. For further information contact : Prof. Marcelo Godoy Simoes (mgsimoes@ieee.org)

Deadlines

Submission of Abstracts and Digests: October 29th 2004
Author's Notification of Acceptance: February 15th, 2005
Submission of Final Manuscripts: April 15th 2005

Paper Submission :

Authors should submit electronically, through www.webstracts.com a 300 words abstract plus a digest of 5 pages outlining the work. Further submission details are available at www.pesc05.org

PESC' 05 General Chair and Local Secretariat

Edison R. da Silva
PESC'05/DEE/CCT/UFCEG
CP 10.005
Campina Grande, PB, Brazil
E-mail : edison@dee.ufcg.edu.br

PESC'05 Conference Secretariat

Bob Myers
799 North Beverly Glen
Los Angeles, CA 90077, USA
Phone (310) 446-8280
FAX (310) 446-8390
E-mail : bob@myers-smith.com

PESC'05 Program Chair and PE EW' 05 Chair

Marcelo G. Simoes
Colorado School of Mines
1610 Illinois St.
Golden, CO, 80401-1887, USA
E-mail: msimoes@mines.edu