

EPE Newsletter June 2005

Newsletter contents:

1. EPE 2005: 11-14 September in Dresden, Germany - <http://www.epe2005.com>
Register Now! Deadline for early bird registration fee is 21 June 2005.
Provisional programme available from <http://epe2005.cborg.net/programme.html>

Sponsoring and Exhibition information are available from the Internet site.

2. 12 vacancies under the Marie Curie Network in Power Electronics and Drives (Deadline 30th June).
3. INNOVATIONS, COMMERCIAL APPLICATIONS AND REGULATORY FRAMEWORK OF DISTRIBUTED GENERATION November 30, December 1 - 2, 2005 • Boston, MA
4. Contents of Vol. 15 of EPE Journal: <http://www.epe-association.org>
5. Future issues of EPE Journal:
To receive a copy of the issues: become a member of the EPE Association: epe-association@vub.ac.be
6. Technically sponsored conferences

Advertisement:



Ansoft offers an advanced and fully integrated simulation solution for **electric motors and drive systems**. Engineers can easily increase motor efficiency, match motors with drives, reduce field failures and deliver them to market faster.

SIMPLORER[®] is the ideal **multi-domains simulator for power-electronic system** design applications.

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Most recent and additional information:

!!!!See for our special industrial sessions, the workshops, the tutorials and the regular sessions of course !!!!!

EPE Association: <http://www.epe-association.org>

The conference : <http://www.epe2005.com>

Also Hotel reservation and a survey of tourism possibilities are offered using the EPE 2005 homepage:
<http://www.epe2005.com>

2. 12 vacancies under the Marie Curie Network in Power Electronics and Drives (Deadline 30th June)

There are currently 12 vacancies under the Marie Curie Network in Power Electronics and Drives. These opportunities are for researchers currently undertaking a PhD in Power Electronics and Drives in a University within the EU and Associated States.

Please could you bring these opportunities to the attention of your PhD students. Full details are available at the Marie Curie site <http://hermes.eee.nottingham.ac.uk/mcf/> (click vacancies) All applications are very welcome.

3. INNOVATIONS, COMMERCIAL APPLICATIONS AND REGULATORY FRAMEWORK OF DISTRIBUTED GENERATION November 30, December 1 - 2, 2005 • Boston, MA

NOW ACCEPTING CALL FOR PAPERS

ABSTRACT DEADLINE IS July 5, 2005!

Authors are invited to submit new research results on the following tracks of interest:

1. Renewable and Alternative Energy Sources and Devices

Microturbines, Photovoltaic Cells, Electric Generators, Wind Energy Conversion Systems, Hydropower, Fuel Cells, Reciprocating Engines, Stirling Engines

2. Storage and Heat Management

Combined Heat and Power Systems, Energy Storage Systems, Cogeneration Systems, On-site Generation Systems

3. Systems Integration and Impact of DG on the Transmission Grid

Hardware, System Management, System Control, Real Time Pricing

4. Interconnection and Islanding Operation

Standards, Grid Interconnection, Distributed Generation Technologies

5. Economics, Market Structure

Economics, Market Infrastructure, Cost Analysis

6. Developers and Users

Case Studies, Market Analysis, Commercial Products

7. Policy Drivers

Legislation, National and International Issues, Governmental Role

For more details visit: www.tfi.learning.com

4. Contents of Vol. 15 of EPE Journal

Vol 15 no 3 : a series of peer reviewed papers

A new robust experimentally validated phase locked loop for power electronic control, M. C. Benhabib and S. Saadate, Groupe de Recherches en Electrotechnique et Electronique de Nancy (GREEN) CNRS-UMR 7037, Université Henri Poincaré, Nancy 1, France

Optimisation of low voltage power MOSFET components for high current applications, Andreas Lindemann, Chair for Power Electronics, Otto-von-Guericke-Universität Magdebourg, Germany

Robust speed control of a low damped electromechanical system: application to a four mass experimental test bench, Serge Poullain, Patrick Latteux, Jean-Luc Thomas, AREVA T&D, Power Electronics Activities, France; Jocelyn Sabatier, Alain Oustaloup, LAP, ENSEIRB, Université Bordeaux 1, France

An integrated single-stage quasi-resonant power factor correction converter with active clamp circuit, Jun-Young Lee and Gun-Woo Moon, Samsung SDI Co. LTD

A four-level inverter scheme with reduced common mode voltage for an induction motor drive, R. S. Kanchan, P. N. Tekwani, M. R. Baiju, K. Gopakumar, CEDT, Indian Institute of Science, Bangalore, India

A simple stator flux oriented induction motor control, Francesco Cupertino, Giuseppe L. Cascella, Luigi Salvatore, Nadia Salvatore, Politecnico di Bari – DEE, Italy

Vol 15 no 4: a series of peer reviewed papers

Challenges in using the latest generation of IGBTs in traction converters, Mark M. Bakran, Hans-Günter Eckel, Martin Helsper, Andreas Nagel, Siemens AG

Transient and Steady States Thermal Analysis and Simulation of Asynchronous Machine at no-load Condition, Dr.-Ing. Ogbonnaya I. Okoro, Department of Electrical Engineering, University of Nigeria; Prof. Dr.-Ing. Bernd Weidemann, University of Kassel, Germany

Basic Operation Principles and Electrical Conversion Systems of Wind Turbines, Henk Polinder, Sjoerd W.H. de Haan, Johannes G. (Han) Slootweg, Delft University of Technology, The Netherlands; Maxime R. Dubois, Université Laval, Québec,

A Non-dissipative Reflex Charging Circuit, Yao C. Hsieh, Department of Electrical Engineering, Kao-Yuan Institute of Technology, Taiwan; Chin S. Moo, Chih K. Wu, Jung C. Cheng, Power Electronics Lab, Department of Electrical Engineering, National Sun Yat-sen University, Taiwan, ROC

Influence of repetitions of short-circuits conditions on IGBT lifetime, F. Saint-Eve, S. Lefebvre, SATIE, CNAM, ENS de Cachan; Z. Khatir, INRETS, France

Behavior of synchronous machines subjected to voltage sags of type A, B and E, Frederik Carlsson, Chandur Sadarangani, KTH, Stockholm, Sweden

5. Future issues of EPE Journal:

To receive a copy of the issues: become a member of the EPE Association: epe-association@vub.ac.be

6. Technically sponsored conferences

27 – 30 June 2005, St. Petersburg, Russia

POWERTECH 2005

Energy Systems Institute, Irkutsk

130, Lermontov str.

Irkutsk 664033, Russia

Fax: +7 3952 426796

E-mail: conf2005@isem.sei.irk.ru

<http://www.sei.irk.ru/PowerTech2005/>

11-14 September 2005, Dresden, Germany

EPE 2005, 11th European Conference on Power Electronics and Applications

Contact:

EPE Association

c/o VUB-TW

Pleinlaan 2

B-1050 Brussels

Tel: +32 2 629 28 19

Fax: +32 2 629 36 20

e-mail: epe-association@vub.ac.be

<http://www.epe2005.com>

28 – 30 September 2005, Santander (Spain)

SAAEI'2005 - XII Annual Seminar on Automatic Control, Industrial Electronics and Instrumentation

Contact: Grupo de Ingeniería Microelectrónica

Departamento TEISA

E.T.S.I.I.T. Universidad de Cantabria

Avda. Los Castros s/n

39005 - Santander (SPAIN)

<http://www.saaei.org>

13 & 14 October 2005, Paris/Versailles, France

Civil or Military All-Electric Ship – AES 2005

Contact: AES 2005

SEE

17, rue Hamelin

F-75783 Paris Cedex 16

France

Tel: +33 1 56 90 37 04

Fax: + 33 1 56 90 37 08

<http://www.aes2005.org>

17-19 October, 2005, Warsaw, Poland

International Conference on POWER ELECTRONICS AND INTELLIGENT CONTROL FOR ENERGY CONSERVATION

Contact: Institute of Control and Industrial Electronics, Warsaw University of Technology

ul. Koszykowa 75

00-662 Warszawa POLAND

tel.: (+48 22) 628 06 65

fax.: (+48 22) 625 66 33

<http://pelincec.isep.pw.edu.pl>

November 30, December 1 - 2, 2005 • Boston, MA

**INNOVATIONS, COMMERCIAL
APPLICATIONS AND REGULATORY
FRAMEWORK OF DISTRIBUTED
GENERATION**

ABSTRACT DEADLINE IS July 5, 2005!

Submission Guidelines:

Authors should submit two PDF files to
submissions@tfi learning.com with a subject heading
DG Conference indicating the track to be considered.

For more details visit: www.tfi learning.com

12-14 June, 2006, Lund, Sweden

NORPIE 2006

Contact: Lund University, Lund Institute of Technology
Department of Industrial Electrical Engineering and
Automation

Lund, Sweden

<http://www.iea.lth.se/norpie2006>

We will see you in Dresden, September 11-14, 2005!

<http://www.epe2005.com>