

EPE Newsletter July 2005

Newsletter contents:

1. EPE 2005: 11-14 September in Dresden, Germany - <http://www.epe2005.com>

See for our outstanding keynotes: **Register Now!**

Provisional programme available from <http://epe2005.cborg.net/programme.html>

2. Contents of Vol. 15 of EPE Journal: <http://www.epe-association.org>

3. Future issues of EPE Journal:

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4. Technically sponsored conferences

1. EPE 2005: 11-14 September in Dresden, Germany – <http://www.epe2005.com>

Do not miss the outstanding keynotes:

- POWER SEMICONDUCTORS STATE-OF-THE-ART AND FUTURE DEVELOPMENT TRENDS

Reinhard Ploss, Dr.-Ing., Corporate Senior Vice President, Business Group Automotive, Industrial & Multimarket, Infineon Technologies AG

- THE STATE-OF-THE-ART OF ACTIVE FILTERS FOR POWER CONDITIONING

Hirofumi Akagi, Fellow, IEEE, Department of Electrical and Electronic Engineering, Tokyo Institute of Technology

- EMI FILTER DESIGN TO ENHANCE ITS HIGH-FREQUENCY PERFORMANCE

Fred C. Lee, Center for Power Electronics Systems, Virginia Polytechnic Institute and State University

- POWER CONVERTERS FOR PARTICLE ACCELERATORS

Frédéric BORDRY, Dr., European Organization for Nuclear Research

- SEAMLESS INTEGRATION OF RENEWABLE ENERGIES INTO THE ELECTRICAL SUPPLY SYSTEM?

Wolfgang Schröppel, Prof. Dr.-Ing., President of the German Power Engineering Society, Germany

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Organisation of tutorials depends on number of participants:

Register Now!

Provisional programme available from <http://epe2005.cborg.net/programme.html>

Most recent and additional information:

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>

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

2. 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) Sloopweg, , 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

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4. Technically sponsored conferences

11-14 September 2005, Dresden, Germany
EPE 2005, 11th European Conference on Power Electronics and Applications

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EPE Association

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<http://www.epe2005.com>

Avda. Los Castros s/n

39005- Santander (SPAIN)

<http://www.saei.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>

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

17-19 October, 2005, Warsaw, Poland

International Conference on POWER ELECTRONICS AND INTELLIGENT CONTROL FOR ENERGY CONSERVATION

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Warsaw University of Technology
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00-662 Warszawa POLAND
tel.: (+48 22) 628 06 65
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<http://pelincec.isep.pw.edu.pl>

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

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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>

2-3 November, 2006, Lausanne, Suisse

ESSCAP 2006

Authors Deadlines:

Submission of synopsis: May 15th, 2006
Notification of acceptance: July 5th, 2006
Submission of full paper: September 30th, 2006

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Secretariat

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30 August – 1 September, 2006, Portoroz, Slovenia

EPE-PEMC 2006

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URL: <http://www.ro.feri.uni-mb.si/epe-pemc2006/>

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

<http://www.epe2005.com>