

EPE Newsletter May 2008

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1. EPE-PEMC 2008, Poznan, 1-3 September 2008 – !!On-line registration open !!

On-line registration is available on <http://www.epe-pemc2008.put.poznan.pl>

Contacts:

Poznan University of technology
Faculty of Electrical Engineering
EPE-PEMC 2008
Conference Secretariat
60-965 Poznan, Piotrowo 3A, Poland

Phone: + 48 61 665 2627, 2737
Fax: +48 61 665 2563
e-mail: pemc@put.poznan.pl
<http://www.epe-pemc2008.put.poznan.pl>

2. EPE 2009: 8-10 September 2009 Barcelona, Spain – Call for papers attached – Deadline for synopses: 3 November 2008 <http://www.epe2009.com>

3. 8th International Symposium on Advanced Electromechanical Motion Systems - ELECTROMOTION 2009 - EPE Chapter “Electric Drives” Joint Symposium - July 1 – 3, 2009 - Lille, France

Announcement and Call for Papers

www.electromotion2009.fr

LILLE, by far the largest city in the north of France, is the very symbol of French industry and working-class politics. The city has a lovely centre, Vieux Lille, some vibrant and obviously prosperous commercial areas, modern residential squares, large universities and numerous high schools, a brand-new metro system, and a very serious attitude to its culture and restaurants. Thanks to Eurostar train and the international extension of the TGV network, Lille has become the transport hub of northern Europe (1 hour from Paris, 35 minutes from Brussels and 1 hour 25 minutes from London). The Lille-Lesquin Airport offers mainly domestic flights but also some international flights.

ELECTROMOTION 2009, the **8th International Symposium on Advanced Electromechanical Motion Systems**, will take place on 1- 3 July 2009 in Lille, France, on the HEI High School site created in 1885 in the centre of the City. It is organized jointly by L2EP, Laboratory of Electrotechnics and Power Electronics, involving researchers from following establishments:

- HEI (Hautes Etudes d'Ingénieur)
- ECLille (Ecole Centrale de Lille)
- ENSAM (Ecole Nationale des Arts et Métiers)
- USTL (Université des Sciences et Technologies de Lille)

ELECTROMOTION Symposium is a major biennial event bringing together scientists, engineers, manufacturers and users from all over the world in order to provide an exchange of information and creative ideas concerning recent developments and future trends in analysis, design and applications of

- Electromechanical energy converters

- Advanced electric motors
- Electric vehicles and traction drives
- Electromechanical actuators
- Electromechatronic components and systems
- Electric transducers for mechanical quantities
- Renewable sources of energy and cogeneration
- Electric power systems

PROGRAMME AND LANGUAGE

The Symposium programme will offer plenary as well as decoupled oral and poster sessions. The official Symposium language for all printed materials, presentations and discussions will be English.

SUBMISSION OF FULL PAPERS

Prospective contributors are invited to submit by e-mail (as a Word .doc attachment) to the **ELECTROMOTION 2009 Symposium Scientific Secretary** (electromotion@utcluj.ro) a full paper of a maximum of six pages (IEEE two columns format) of their original, previously unpublished paper, typewritten in English, and giving full names, institutional affiliations, addresses, phone, fax and e-mail for all authors. Instructions for papers submission are available on the conference website.

ACCEPTANCE OF PAPERS

Papers accepted for presentation at **ELECTROMOTION 2009** and accompanied with paid registration will be published on a CD-ROM distributed to all participants at the beginning of the Symposium. The papers presented at the conference and accepted in a further peer review process will be published in special issues of Electromotion Journal and of EPE Journal.

DEADLINES

- Receipt of full papers : **December 15, 2008**
- Acceptance notification : **January 31, 2009**
- Receipt of registration fees and final papers : **March 15, 2009**

Information: www.electromotion2009.fr

4. 3rd European Symposium on Supercapacitors and Applications (ESSCAP'08), 6-7 November 2008, Roma, Italy – Call for Papers

Organized at the University of Roma “La Sapienza”, the ESSCAP symposium will present contributions on materials, technologies, diagnosis, reliability and safety. There will be also papers in the important and associated area of power electronics and converters, together with others describing new applications.

ESSCAP'08 is open for contributions and participations from all over the world and invites all competent and interested people to submit their work and to join the symposium. An exposition is also being planned.

Topic Areas

1. Materials and technologies
2. Diagnosis, reliability & safety
3. Power electronics and converters
4. Applications

Authors Deadlines

Submission of synopsis: June 20th, 2008

Notification of acceptance: July 18th, 2008

Submission of full paper: September 26th, 2008

Contributions

Authors interested to submit a paper are kindly requested to send a 10 lines summary and a three A4 pages synopsis to the Symposium secretariat (esscap08@uniroma1.it) before June 20th, 2008. The works should be sent by e-mail according to the .pdf or .doc file formats. Names of the author(s), accreditations and address should be given only in the summary.

Contact: Prof. Fabio Giulii Capponi, ESSCAP'08 General Chair
University of Roma “La Sapienza”
Ph. ++39-06-44585308; Fax. ++39-06-4883235

e-mail: esscap08@uniroma1.it

web: <http://w3.uniroma1.it/esscap08>

5. Industrial/PhD Course in Switch-mode audio power amplifiers (class-D) August 18-22, 2008

Background and aim of the course

Linear (Class A/AB/B) amplification has been the standard for power amplification for many decades. During the last decade, interest in higher efficiency power amplification has increased, particularly in the audio industry.

The major driving force has been the need to provide fresh opportunities in audio design with the advantages that higher efficiency potentially offers, e.g. higher power with increased power density, savings in energy and battery life, potential cost savings and even potential performance improvement in audio reproduction. The interest in this new field is global and includes all major industrial segments, such as consumer electronics, cars, professional, mobile and/or portable audio fields. A paradigm shift seems to be on its way.

This course will present an overview and in-depth study of the current state-of-the-art in a broad perspective and address many of the new scientific disciplines involved in this emerging field.

Switch-mode audio power amplifiers are in more ways a combination of mixing otherwise complementary scientific fields as power electronics, analogue and digital signal processing, advanced analogue design, EMC and more.

The aim of the course is thus to address a new, complex and challenging era at an early stage.

Place

DTU Electrical Engineering
Technical University of Denmark
Elektrovej - Building 325 - room 007
DK-2800 Kgs. Lyngby
DENMARK
<http://www.elektro.dtu.dk/English/research/au/peg.aspx>

Language

English.

Literature

Electronic copies only of slides (PDF-files) will be available on-site. Please bring your own laptop PC.

Course Fee

The course fee is DKK 7,500 which also includes coffee, lunch and printed material.

For EU Ph.D. students the course fee will be DKK 1,500.

Registration is binding and no refund is possible.

Laptop PC's

Please bring your own laptop PC (preferably with PSpice evaluation version and Matlab/Simulink rel. 14 installed).

Credits

5 ECTS - upon passing this course (incl. the homework assignment). Technical University of Denmark will send out diplomas.

Registration

Preferably now and not later than June 13 2008 by e-mail to ma@elektro.dtu.dk and/or hw@elektro.dtu.dk.

Please note we have only a limited number of seats.

Organizer and further information

Henriette Wolff
DTU Electrical Engineering
Technical University of Denmark
Elektrovej, building 325
DK-2800 Kgs. Lyngby - DENMARK
Phone direct: (+45) 4525 3603 / Fax: (+45) 4588 6111
E-mail: hw@elektro.dtu.dk

Michael A. E. Andersen
DTU Electrical Engineering
Technical University of Denmark
Elektrovej, building 325
DK-2800 Kgs. Lyngby - DENMARK
Phone direct: (+45) 4525 3601
Mobile: (+45) 4059 5299 / Fax: (+45) 4588 6111
E-mail: ma@elektro.dtu.dk

6. Three open posts at CERN in the domain of electrical distribution and power electronics.

1. Senior Electrical Engineer in the Technical Support Department (TS), Electrical Engineering Group (EL) / Ingénieur supérieur (Electricité) dans le Département Support Technique (TS), Groupe Ingénierie Electrique (EL)

TS-EL-2008-15-LD [https://ert.cern.ch/browse www/wd_pds?p_web_page_id=6185](https://ert.cern.ch/browse/www/wd_pds?p_web_page_id=6185)

2. Electrical Engineer in the Technical Support Department (TS), Electrical Engineering Group, High Voltage Section (HT) / Ingénieur (Electricité) dans le Département Support Technique (TS), Groupe Ingénierie Electrique (EL), Section Haute Tension (HT)

TS-EL-2007-88-LD https://ert.cern.ch/browse_www/wd_pds?p_web_page_id=6001

3. Engineer (Power electronics) in the Accelerators and Beams Department (AB), Power Converter Group (PO), Pulsed and High-Voltage Converters Section (PH) / Ingénieur (Electronique de puissance) dans le Département Accélérateurs et Faisceaux (AB), Groupe Convertisseurs de Puissance (PO), Section Convertisseurs Pulses & Convertisseurs Haute Tension

AB-PO-PH-2008-17-LD https://ert.cern.ch/browse_www/wd_pds?p_web_page_id=6220

7. Call for papers for EPE journal, included in ISI and Compendex

EPE Journal is included in the Science Citation Index as well as in the Compendex. Send your best technical papers for publication to bsnevers@vub.ac.be (pdf file, without any mention of authors, full coordinates in the mail message)

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

8. Technically sponsored conferences

NORPIE 2008

9-11 June 2008, Espoo, Finland

Nordic Workshop on Power and Industrial Electronics
Helsinki University of Technology Faculty of Electronics,
Communications and Automation Espoo, Finland
Deadline for summaries: February 29, 2008

Contact: Mrs. Anja Meuronen

Power Electronics, Helsinki University of Technology
02015 TKK, Finland

Phone: +358 90 451 2436, Fax: +358 90 451 2432

e-mail: anja.meuronen@tkk.fi

http://powerelectronics.tkk.fi/current_info/files/norpie2008.pdf

3rd European Symposium on Supercapacitors and Applications (ESSCAP'08)

6-7 November 2008, Roma, Italy

Contact:

Prof. Fabio Giulii Capponi, ESSCAP'08 General Chair
University of Roma "La Sapienza"

Ph. ++39-06-44585308, Fax. ++39-06-4883235

e-mail: esscap08@uniroma1.it

web: <http://w3.uniroma1.it/esscap08>

2nd EPE Wind Energy Seminar
The Royal Institute of Technology
23-24 April 2009
Stockholm, Sweden
<http://etec.vub.ac.be/EPE/03-EPE-WE-Seminar-2009.htm>

ELECTROMOTION 2009

Lille, France

1-3 July 2009

Information: www.electromotion2009.fr

September 8-10, 2009 Barcelona, Spain
EPE 2009

Call for papers attached

Deadline for receipt of synopses: 3 November 2008

<http://www.epe2009.com>

9. ECPE Calendar of Events 2008

Full programmes are available from http://www.ecpe.org/education/seminars_e.php

Date	Location	Event	Topic
27-29 May 2008	Nuremberg (D)	Conference and Exhibition	PCIM Europe Conference & Exhibition <ul style="list-style-type: none"> ECPE Round Table Discussion on Passives in Power Electronics, PCIM Conference ECPE Joint Stand, PCIM Exhibition
18-19 June 2008	Itzehoe (D)	ECPE Tutorial	Reliable Soldering in Power Electronics Manufacturing (with practical training) Course instructor: Dr. Ahrens, Dr. Poech (FhG ISIT)
25-26 June 2008	Toulouse (F)	ECPE Workshop	Built-in Reliability into Power Electr. Systems Techn. Chairman: Prof. E. Wolfgang (ECPE) Co-Chairman: Dr. M. Mermet-Guyennet (PEARL)
7-8 Oct. 2008	Stuttgart (D)	ECPE Seminar	Automotive Power Electronics (w. EC Projects) Techn. Chairman: Dr. M. Maerz (Fraunhofer IISB) Co-Chairman: Prof. E. Wolfgang (ECPE)

Oct./Nov. 2008	Nuremberg (D)	ECPE Tutorial	Power Electronics Packaging Course instructor: Prof. R. Eisele (UAS Kiel)
Nov. 2008	TBD	ECPE Workshop	Advanced Cooling Techniques (1 st day) Techn. Chairman: Prof. E. Wolfgang (ECPE) Power PCBs and Busbars (2 nd day) Techn. Chairman: NN
Nov./Dec. 2008	Nuremberg (D)	ECPE Tutorial	Power Semiconductor Devices & Technologies Course instructor: Prof. D. Silber (Univ. Bremen)

Further Power Electronics Events of the Bavarian Cluster: www.cluster-bayern-leistungselektronik.de (in German language).