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**1. Awards Ceremony at EPE 2011 – ECCE Europe**

The following awards have been presented in Birmingham, on 31 August 2011

**2011 EPE Outstanding Achievement Award to Joan Peracaula**

For his carrier, his contributions to the research in the field of electrical engineering and power electronics and his role in EPE 2009 conference in Barcelona

**2011 EPE Outstanding Achievement Award to Rex Mountford Davis**

For his carrier and activities as an academic and an entrepreneur in the domain of power electronics, for his role as a one of the founding members of EPE and as the organiser of EPE 1993 in Brighton.

**2011 EPE Outstanding Service Award to Pierre Aloisi**

For his carrier in industry, in teaching, for his books on power semi-conductors, his contribution to EPE-2003 in Toulouse and his support to EPE activities

**EPE Gaston Maggetto Medal to Michel Crappe**

For his carrier in the field of power electronic applications in the domain of networks and energy, for his strong support to EPE since its foundation and for his activities in SRBE and as an organiser of many conferences in France and in Belgium.



Left to right: Jean-Luc Thomas, President of EPE Association, Rex Davis, Pierre Aloisi, Joan Peracaula, Michel Crappe, Marcel Jufer, Past president and chairman of the Awards Committee

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## 2. New EPE Executive Council

During the General Assembly meeting held on 31<sup>st</sup> August 2011 in Birmingham, the following EC-members came out of charge:

- Prof. Domenico Casadei, University of Bologna, Italy,
- Prof. Braham Ferreira, Delft University of Technology, The Netherlands,
- Dr. Edwin Kiel, Lenze GmbH, Germany
- Prof. Leonids Ribickis, Riga Technical University, Latvia, representative of EPE-PEMC Council, Conference Chairman EPE-PEMC 2004
- Dr. Sami Siala, Converteam, France
- Prof. Patrick Wheeler, University of Nottingham, United Kingdom
- Prof. Krzysztof Zawirski, Poznan University of Technology, Poland, representative of EPE-PEMC Council, Conference Chairman EPE-PEMC 2008

The following candidates were elected by the General Assembly:

- Prof. Mark Sumner, University of Nottingham, UK
- Prof. Mario Marchesoni, University of Genova, Italy
- Prof. Elena Lomonova, Technical University of Eindhoven, The Netherlands
- Prof. Pavel Bauer, Delft University of technology and Technical University of Kosice, Slovak Republic
- Prof. Abdelkrim Benchaib, CNAM and ALSTOM, France
- Dr. Lennart Harnefors, ABB, Sweden
- Prof. Yves Perriard, EPFL, Switzerland

The EPE Executive Council for 2011, 2012 and 2013 is now as follows:

Officers:

President:	Prof. Jean-Luc Thomas, Conservatoire National des Arts et Métiers and SUPELEC, France
Vice-president:	Dr. Leo Lorenz, Infineon Technologies, Germany
Vice-president:	Prof. Enrique Dede, GH ELECTROTERMIA S.A., Spain, EPE 2009 Conference Chairman
Treasurer:	Dr. Philip C. Kjaer, Vestas Wind Systems A/S, Denmark, EPE 2007 Conference Co-chairman
Secretary:	Prof. Philippe Lataire, Vrije Universiteit Brussel, Belgium

Members:

Prof. Pavel Bauer, Delft University of technology and Technical University of Kosice, Slovak Republic  
Prof. Abdelkrim Benchaib, CNAM and ALSTOM, France  
Dr. Lennart Harnefors, ABB, Sweden  
Prof. Marcel Jufer, Ecole Polytechnique Fédérale de Lausanne, past-president, Switzerland  
Prof. Elena Lomonova, Technical University of Eindhoven, The Netherlands  
Prof. Mario Marchesoni, University of Genova, Italy  
Dr. Colin Oates, AREVA, UK  
Prof. Yves Perriard, Ecole Polytechnique Fédérale de Lausanne, Switzerland  
Prof. Mark Sumner, University of Nottingham, UK

## 3. Aalborg University is organizing for fall 2011 the following PhD/Industrial courses:

Industrial/Ph.D. Course in "Power Electronics for Renewable Energy Systems - in theory and practice" that will be held at Aalborg University, October 4-6 by Remus Teodorescu, Aalborg University, Marco Liserre Polytechnic of Bari and Pedro Rodriguez. This successful course is the foundation for any applications of grid connected converters with in depth analysis of topologies, current control, harmonics compensation, active damping, synchronization and control under unbalanced grid. The course is published in the book "Grid Converters for Photovoltaic and Wind Power Systems", ISBN-10: 0-470-05751-3, Wiley 2011 which will be included in the course materials

Industrial/Ph.D. Course in "Photovoltaics Power Systems - in theory and practice" that will be held at Aalborg University, October 10-13 by Remus Teodorescu, Aalborg University, Vitezslav Benda, Technical University in Prague, Pedro Rodriguez, Technical University of Catalonia, Dezso Sera and Tamas Kerekes Aalborg University. This course is covering 2 main topics that can be taken separate or together: Solar Cells and PV Plants (part 1) and PV Inverters and Grid Integration (part 2, also included in book "Grid Converters for Photovoltaic and Wind Power Systems", ISBN-10: 0-470-05751-3, Wiley 2011 included in the course materials ).

Industrial/Ph.D. Course in "MicroGrids - in theory and practice" that will be held at Aalborg University, October 31- November 2 by Remus Teodorescu and Tamas Kerekes, Aalborg University, Josep Guerrero and Juan C. Vasquez Technical University of Catalonia. This course is analysis control of converters for both dc and ac microgrids. Power system stability and hierarchical control are also covered.

For more information and registration for all courses please visit <http://www.et.aau.dk/events/>. All three courses will provide hands-on experience in the Green Power Laboratory with 10 experimental setups controlled by dSpace where around half of the course time will be spent on practical control design and experimentation of converters.

#### **4. Faculty positions at the Université catholique de Louvain, Louvain la Neuve, Belgium**

The Louvain School of Engineering, the Institute of Information and Communication Technologies, Electronics and Applied Mathematics (ICTEAM) and the Institute of Mechanics, Materials and Civil Engineering (IMMC) invite applications for tenure track positions of Professors in "Electrical energy".

The successful candidate will develop and supervise research in the fields of systems or components for the production and/or conversion and/or management of electrical energy; at small scale in mobile and/or autonomous systems (cars, aircrafts, robots, satellites, ...), or at large scale in power plants and in distribution networks. Systems for energy storage and energy recovery can also be concerned.

The successful candidate will have to collaborate with the various teams active in the related areas in the Institute of Mechanics, Materials, and Civil Engineering (IMMC) and in the Institute for Information Technology, Communication, Electronics and Applied Mathematics (ICTEAM) ,

He/she will have teaching assignments in the above-mentioned fields within the various degree programmes organised by EPL, in particular in the master program in electromechanical engineering. More information about the teams can be found at <http://www.uclouvain.be/en-icteam.html> and <http://www.uclouvain.be/en-immc>. The information about the elements to be sent for application can be obtained from the main page of the university website: <http://www.uclouvain.be/>.

The application deadline is December 15, 2011.

Information can be obtained from Prof. F. Delannay, Dean of Louvain School of Engineering ([francis.delannay@uclouvain.be](mailto:francis.delannay@uclouvain.be)).

#### **5. 13th Edition of the European Ph.D. School: Power Electronics in Electrical Machine and Energy Control (PEeMEC).**

The Ph.D. School will be held in the town of Gaeta, Italy from May 28 to June 1, 2012. This year's guest lecturers will include:

- Prof. Andreas Steimel from Germany - "Power Electronic Circuits and Controls for Modern Electric Traction Vehicles"
- Dr. Volker Staudt from Germany - "Stator-flux-oriented control of induction machines"
- Dr. Chris Mi from the USA - "Power Electronics for EV, HEV and PHEV Applications" and "EV, HEV, and PHEV Battery Management Systems"
- Dr. Ernst-Karl Behr from Switzerland - "Value based design and energy efficiency in electric power train"
- Prof J. A. Peças Lopes from Portugal and Prof. N. Hatzargyriou from Greece "The role of e-mobility in smart grid development and its impact on the integration of renewables at distribution and transmission level"

This year's program will see the organization of an exhibition of all participating business companies where company representatives will interact with Ph.D. students to encourage industry research activities and future collaboration. Detailed information about the program, venue, enrollment fee, and application procedures can be found on the official web site of the School: [www.phd-school.org](http://www.phd-school.org)

All seminars, lectures, and activities will be held in English. Ph.D. students, doctors and young researchers in the field of Power Electronics, Electrical Machine and Systems are welcome to apply. Applications must be submitted electronically, by February 15th, 2012 for early bird registration.

#### **6. EPFL, Lausanne, Switzerland: Faculty Position in Energy Generation, Conversion and Storage**

The School of Engineering at EPFL invites applications for a **tenure-track assistant professor** position in the area of **Energy Generation, Conversion and Storage**.

Topics of interest include, but are not limited to, electrochemistry, ionic systems, fuel and electricity generation and storage, and energy harvesting. The candidate should have a strong background in materials and/or electrical engineering.

As a faculty member of the School of Engineering, the successful candidate will be expected to initiate an independent and creative research program and participate in undergraduate and graduate teaching. Internationally competitive salaries, start-up resources and benefits are offered.

The EPFL, located in Lausanne, Switzerland, is a dynamically growing and well-funded institution fostering excellence and diversity. It has a highly international campus at an exceptionally attractive location boasting first-class infrastructure. As a

technical university covering essentially the entire palette of engineering and science, EPFL offers a fertile environment for research cooperation between different disciplines. The EPFL environment is multi-lingual and multi-cultural, with English often serving as a common interface.

Applications should include a cover letter with a statement of motivation, curriculum vitae, list of publications and patents, concise statement of research and teaching interests, and the names and addresses of at least five referees. Applications must be uploaded in PDF format to the recruitment web site: <http://energy-search11.epfl.ch>

Formal evaluation of candidates will begin on **5 December 2011**.

Enquiries may be addressed to: **Prof. John Thome** Search Committee Chair e-mail : [energy-search@epfl.ch](mailto:energy-search@epfl.ch)

For additional information on EPFL, please consult the web sites: [www.epfl.ch](http://www.epfl.ch), <http://sti.epfl.ch>, <http://iel.epfl.ch>, <http://imx.epfl.ch>

EPFL is committed to increasing the diversity of its faculty, and strongly encourages women to apply.

## **7. University of Illinois at Chicago, Department of Mechanical and Industrial Engineering - FACULTY POSITION, Industrial Engineering**

The Department of Mechanical and Industrial Engineering at the University of Illinois at Chicago (UIC) invites applications for a tenure-track faculty position in industrial engineering at the rank of assistant or associate professor with tentative starting date of August 16, 2012. Individuals with research interests in industrial virtual, augmented and mixed reality, industrial haptics, and advanced human-computer interaction for surgical applications are especially invited to apply. Individuals with research interests in healthcare systems, advanced manufacturing systems, production and service operations, financial engineering, and systems engineering are also encouraged to apply. We are seeking an individual with outstanding qualifications commensurate with the rank. The successful applicant is required to have an earned Ph.D. in industrial engineering, or a closely related field such as operations research, systems engineering, and computer science, and is expected to develop and maintain an active, externally-funded research program as well as teach at both the undergraduate and graduate levels. Individuals who have experience and training within an interdisciplinary group and a multi-investigator environment are especially encouraged to apply.

The department offers B.S., M.S., and Ph.D. degrees in mechanical engineering and industrial engineering, and currently has an undergraduate enrollment of 460 and a graduate enrollment of 200. More information about the Department can be found at <http://www.mie.uic.edu>. Applicants are required to send a letter of application indicating their qualifications, an up to date CV including the names and contact information of at least three references, and a separate one-page statement outlining their future teaching and research plans. For full consideration, please submit all your application materials electronically to the IE Search Committee Chair at [IEsearch@uic.edu](mailto:IEsearch@uic.edu) by January 2, 2012. Alternatively, hard copies can be sent by the same deadline to *Chair*, IE Faculty Search Committee, Mechanical and Industrial Engineering Department (MC 251), University of Illinois at Chicago, 842 West Taylor Street, Chicago, IL 60607-7022. Evaluation of applications will begin immediately. UIC is deeply committed to excellence, equity and diversity and welcomes applications from women, underrepresented minorities, persons with disabilities and others who can contribute to the enrichment of ideas and perspectives. UIC is an AA/EO employer and is responsive to the needs of dual career couples with extensive life-friendly policies in place.

## **8. Technically sponsored conferences**

**33rd International Telecommunications Energy Conference INTELEC2011 in Amsterdam, the Netherlands from 9 to 13 October 2011**  
<http://www.intelec2011.org/>

**EEVC, European Electric Vehicle Congress, 26th to 28th October 2011 in Brussels, Belgium**  
<http://www.eevc.eu>

**7th International Conference on Integrated Power Electronics Systems (CIPS 2012) - 6 - 8 March 2012 in Nuremberg / Germany in conjunction with the ECPE Annual Event 2012.**  
[www.cips-conference.de](http://www.cips-conference.de)

**PEMD 2012 - Power Electronics, Machines and Drives Conference - Tuesday 27 – Thursday 29 March 2012 | University of Bristol | UK**  
<http://conferences.theiet.org/pemd/index.cfm?origin=epe>

## 9. ECPE Calendar of Events 2011

Full programmes are available from [http://www.ecpe.org/education/seminars\\_e.php](http://www.ecpe.org/education/seminars_e.php)

Date	Location	Event	Topic
5 – 6 October 2011	Dusseldorf (D)	ECPE Tutorial	<b>EMC in Power Electronics</b> Course Instructors: Dr. E. Hoene (Fraunhofer IZM) Prof. J.-L. Schanen (G2ELab)
9 - 13 Oct. 2011	Amsterdam, The Netherlands	Conference	<b>INTELEC 2011 33<sup>rd</sup> Int. Telecommunications Energy Conf.</b> with ECPE Session ‘Power density vs. energy efficiency in power supplies’
17 – 18 October 2011	Nuremberg, Germany	ECPE Tutorial	<b>Thermal Engineering of Power Electronic Systems - Part II</b> (thermal management and reliability) Course Instructor: Prof. E. Wolfgang (ECPE)
30 Nov – 1 Dec 2011	Nuremberg, Germany	ECPE Workshop	<b>Robustness Validation in Power Electronics</b> Techn. Chairman: Prof. E. Wolfgang (ECPE)
26 (evening) - 27 January 2012	Zurich, Switzerland	ECPE Workshop	<b>Future Trends for Power Semiconductors</b> Technical Chairmen: Prof. J.W. Kolar, ETH Zurich, Switzerland and Prof. D. Silber, University of Bremen, Germany