

Invitation to EPE-PEMC 2008 in Poznań (Poland) 13th International Power Electronics and Motion Control Conference September 1 – 3, 2008



On behalf of the Power Electronics and Motion Control Council, the EPE Association and the National Organising Committee it is my pleasure to invite the whole power electronics community to the 13th Power Electronics and Motion Control Conference, EPE-PEMC 2008, held in Poznań, Poland, from September 1 to September 3, 2008.

The established high quality of the EPE and EPE-PEMC conferences and the number of presented papers with a significant increase from industries, make each of these conferences the most important European meeting for specialists in the field. The EPE-PEMC Conference traditionally brings together outstanding professionals in the field of Power Electronics and Motion Control from the leading research centres around the world. We are determined to keep this good tradition alive and we are convinced that the conference in Poznań will create a unique opportunity to renew and strengthen our professional contacts.

Five tutorials, six parallel lecture sessions covering all areas related to Power Electronics and Motion Control, among them 12 special sessions organized by outstanding professionals, afternoon dialogue sessions allowing direct contact and discussion with the authors, six specialized panel discussions on state-of-the-art topics, industrial exhibition and technical tours.

More than 490 papers from 60 countries were accepted, all after careful selection carried out by the International Steering Committee. The conference starts with 5 tutorials on Sunday (August 31) with the following topics:

1. *Multilevel Converters Voltage Quality and Motor PWM Loss Time Domain Evaluation*
2. *General Problems of Electromechanical Energy Conversion and Some Special Electrical Machines*
3. *Global Stability Methodology for Switching Power Converters*
4. *Harmonic Distortion and Reactive Power Compensation*
5. *Newest SHARCs - rapidly prototyped high precision drives*

During the three days of conference about 150 papers will be presented in lecture sessions organized in the morning through six parallel tracks. In the afternoons papers will be presented in dialogue sessions. Many research fields like semiconductor devices, control of power electronic converters, electrical machines and actuators, motion control, adjustable speed drives, observing techniques, power electronics in transportation, power electronics in electrical energy generation and distribution, renewable energy sources and electromagnetic compatibility will be represented through highly interesting papers.

After the dialogue sessions, several round tables discussions will be organized as forums on some special subjects: integration technologies in power converters, the full speed range sensorless controlled permanent magnet synchronous motor, energy management of hybrid power system, modern educational methods for power electronics and motion control, analysis and design of electrical drives using field-circuit models and chattering problem in sliding mode control.

There will be free wireless internet connection during the conference so please bring your lap-top with you. The technical programme can be downloaded from conference website (also as PDF).

During EPE-PEMC 2008 an exhibition is organized. The exhibition provides a unique opportunity to present new achievements, products and offers. The exhibition will be opened during three days of the conference debates.

Venue

The Conference is taking place in the city of Poznań - the first capital of Poland. Poznań is recognised as a perfect venue for conferences and congresses thanks to a range of modern high-quality facilities including hotels of all categories, restaurants, cafés, and cultural and congress centres.

The advantage of Poznań as a conference venue is also its perfect location at the intersection of major European transport routes. The modern airport Ławica offers scheduled flights to a wide range of European destinations. Poznań is also the hub of a vast rail network and provides convenient and regular passenger services.

More information about conference program as well as cultural and tourist events, like technical and sightseeing tours, can be found on the conference website at:

<http://www.epe-pemc2008.put.poznan.pl>

I am looking forward to seeing you in Poznań.

Krzysztof Zawirski
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