



March 20 – 23, 2012
Chemnitz, Germany

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IEEE SSD '12 Conference on Power Electrical Systems

March 20-23, 2012, Chemnitz - Germany

First Call For Papers

organised by

Chemnitz University of Technology (Germany), University of Sfax (Tunisia) and Philadelphia University (Jordan)

with the technical support of



IEEE



CHEMNITZ UNIVERSITY
OF TECHNOLOGY

Venue

Chemnitz, more than 800 years old, is situated in the heart of Saxony. The city is the third-largest in Saxony and is designated as "City of Modernity". Developed at the time of Classical Modernism, it became the "Manchester of the Continent", giving impetus to the development of business and science. The influences of the cultural and architectural modernism are visible so that today Chemnitz is a city with many interesting facets.

Aims & Scope

The International Conference on Power Electrical Systems is a forum for specialists to present their research results and to share experiences with other attendees coming from all over the world. It is the 9th conference since the founding of SSD in 2001 which is supported by international organizations such as IEEE, TSS and different scientific journals.

SSD-PES will include keynote lectures by eminent scientists as well as oral and poster sessions. All papers will be peer reviewed on the basis of full manuscripts and acceptance will be based on quality, originality and relevance. SSD-PES participants will have the possibility to attend all SSD conferences taking place in parallel, such as: Systems Analysis and Automatic Control (SAC), Communication and Signal Processing (CSP) and Sensors, Circuits and Instrumentation Systems (SCI).

Presented conference papers will be published in referred conference proceedings and in the IEEE Xplore. Best presented papers at SSD conferences will be selected for the international journal: Transactions on Systems, Signals and Devices (ISSN 1861-5252) by Shaker-Verlag (Germany).

Topics

The International Conference on Power Electrical Systems will cover topics related to electrical machines, drives and power systems, including (but not limited to) the following:

- Electric machines: design, modelling, control
- Monitoring and diagnostics
- Special machines
- Power electronic systems
- Power electronic converters
- Renewable energy systems
- Variable speed drives
- High voltage DC transmission
- Automotive power systems
- Electromagnetic compatibility

Paper Submission

Papers submitted to SSD-PES should be written in English and limited to six pages. Paper format and styles (LaTeX and MS-Word) are available for download at the conference website www.ssd-conf.org. Paper submission should be done electronically through the EDAS website <http://edas.info/N10633>.

Important Dates

- **November 15, 2011:** submissions of full papers
- **January 10, 2012:** notifications of acceptances/rejections
- **January 30, 2012:** submissions of accepted paper final versions

Conference

Emails: info@ssd-conf.org; pes@ssd-conf.org
URL: www.ssd-conf.org