

# 2009 IEEE 6th International Power Electronics and Motion Control Conference — ECCE Asia

MAY17-20, 2009, Wuhan, China



The launching spot of the Asian track in the global Energy Conversion Congress and Expo (ECCE) series  
The first implementation of the long-expected power electronics conference rotating among China, Japan and Korea

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## CALL FOR PAPERS

The 6th International Power Electronics and Motion Control Conference (IPEMC 2009) is sponsored by China Electrotechnical Society (CES), IEEE Power Electronics Society (PELS), and National Science Foundation of China (NSFC). It is also for the first time in cooperation with The Institute of Electrical Engineers of Japan (IEEJ)-Industry Application Society and Korea Institute of Power Electronics (KIPE). This conference will be held in Wuhan, China on May 17–20, 2009. With a history of 3500 years, Wuhan is the 3rd biggest science and education center in China. The Yangtze River and its largest branch Han river meet here. East Lake, the China's biggest downtown lake with an area of 33 km is also located in Wuhan. The conference will include regular sessions on major aspects of the theory, analysis, design, and applications of power electronics and motion control, the following catalogs provide you referenced, but not limited topics:

### **Devices, Packaging and System Integration**

- Active devices
- Passive components, system integration and packaging
- Power system integration

### **Power Converters and Their Control**

- DC/DC, DC/AC, AC/AC, AC/DC converters
- Soft switching converters
- Power factor correction and harmonic mitigation
- Modulation and control strategies
- EMI reduction for power electronic systems

### **Motor Drive and Motion Control**

- Induction motor drives
- Permanent magnet motor drives
- Synchronous and reluctance motor drives
- Special motors and electromechanical actuators
- Applications of motor drive systems

### **Renewable Energy Generation**

- Photovoltaic power sources
- Wind generation
- Fuel cell
- Energy storage systems

### **Power Electronics in Power Engineering**

- Static shunt compensators (SVC, STATCOM, APF, etc.)
- Static series compensators (TCSC, SSSC, DVR, etc.)
- Combined compensators (UPFC, UPQC, etc.)
- Power quality analysis and enhancement
- Distributed generation and utility interface issues

### **Other Applications of Power Electronics**

- Uninterruptible power supplies
- Lightning engineering
- Induction heating
- Others

**Paper Submission:** All authors worldwide are invited to submit their digests through the conference website [www.ipemc2009.com](http://www.ipemc2009.com).

-An abstract of 300 words maximum. The abstract should contain the title, author's name(s), affiliation(s), contact author and his/her mailing address, and telephone and fax numbers. Abstracts exceeding the maximum length will not be considered.

-Digest requirements: five-page length, A4 size, 1.5 space, Times Roman of font size 10, one column, pdf format, outlining the work to be presented, the objectives of the paper and the goals achieved. Key equations, figures, tables and references should be included within the page limit (reference list should be submitted as a separate page).

Paper submissions will be accepted electronically. Detailed instructions will be available on the IPEMC2009 website: <http://www.ipemc2009.com>.

### **Important Dates:**

Deadline for abstract and digest submission: **December 10, 2008**

Notification of acceptance: **January 10, 2009**

Deadline for final manuscripts submission: **March 10, 2009**



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- The Institute of Electrical Engineers of Japan (IEEJ)-Industry Applications Society
- Korea Institute of Power Electronics (KIPE)

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