



IEEE PEAS 2023

The 2nd IEEE International Power Electronics and Application Conference and Symposium

November 10–13, 2023 Guangzhou, China

Call for Papers

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Secretariat of PEAS 2023

Email: peas@cpss.org.cn

Phone: +86-22-27686839, 83575728

Fax: +86-22-27687886

Address: China Power Supply Society

16th Floor, Datong Building, No.467 Huanghe

Road, Nankai District, Tianjin, 300110, China

IEEE International Power Electronics and Application Conference and Symposium (PEAS) is an international conference for presentation and discussion of the state-of-the-art in power electronics, energy conversion and its applications. The IEEE PEAS 2023 is the second meeting of PEAS, which will be held in Guangzhou, China, during November 10-13, 2023. 2023 China Power Electronics and Energy Conversion Congress & The 26th China Power Supply Society Conference and Exhibition will be held during the PEAS 2023.

The worldwide power electronic industry, research, and academia are cordially invited to participate in an array of presentations, tutorials, and social activities for the advancement of science, technology, engineering education, and fellowship. Technical interests of the conference include, but are not limited to:

- **Advanced DC/DC converters and Power Factor Correction Converters**
- **Advanced DC/AC Inverter Topologies, Modulations, and Controls**
- **Advanced Control, Modeling, Simulation, and Stability of Power Electronics Systems**
- **Advanced Power Devices (Si, SiC, GaN devices etc) and Their Applications**
- **Magnetics, EMI, Passive Integration and Digital Manufacture Technology**
- **Reliability, Diagnosis, Prognosis and Protection of Power Electronics**
- **Conversion and Control Technologies for Renewable Energy and Storage Systems**
- **Power Electronics for Transmission and Distribution**
- **Power Electronics for Motor Drives and Transportations**
- **Power Electronics for Converter Dominated Grid-Forming Power System**
- **Power Electronics for Wireless Power Transfer**
- **Power Electronics for Power ICs, Lighting, Consumer Electronics, ICT, Medical, IoT and Energy Harvesting etc.**
- **Power-to-X Technologies**
- **Big Data, Artificial Intelligence, and Security in Power Electronics Systems**
- **Other Invited Topics and Emerging Topics in Power Electronics**

■ Paper Submission

The working language of the conference is English. Prospective authors are invited to electronically submit digests of their work in English (Maximum 6 pages in double space, in pdf format), following the instructions available on the website: <http://peas.cpss.org.cn/>. The digest is a summary of your paper including the digest title, abstract, digest text and references.

Accepted and presented papers will be published in the conference proceedings, and submitted to the IEEE Xplore on-line digital library and EI Compendex.

■ Important Deadlines

Submission of digests	Jun. 30th, 2023
Submission of Industry Session	Jul. 15th, 2023
Submission of Tutorial	Jul. 15th, 2023
Notification of paper acceptance	Aug. 15th, 2023
Submission of final papers	Sept. 15th, 2023

For more information: peas.cpss.org.cn



Welcome to Guangzhou China

Guangzhou - the China's 3rd largest city- is locating in the southern China, Neighboring to Hong Kong and Macao. Since flowers here blossom all year round, Guangzhou is also called "City of Flowers"

It is a popular tourist destination, peculiar Lingnan custom & Overall China Central Plains folklore, Oriental tone & Western touch, Vin-tage & modern are all available. Canton Tower, Yuexiu Mountain Park, Shangxiajiu Pedestrian Street, Shamian Island and Museum of Nanyue King are waiting for your visit.

It is also honored as "the paradise of food" in China as its plenty of delicious foods. Besides joining the activities of the conference please plan your time to visit the city and enjoy the culture and local food.



■ More Participation Opportunities

Tutorials

Several high-quality tutorials will be offered on Friday, November 10, 2023.

Prospective lecturers are invited to send a proposal before July 15, 2023 to the Tutorial Chair: Xinbo Ruan, on <https://jinshuju.net/f/PdTbJH>

The proposal should be including:

- Tutorial title
- Name, affiliation, and short bio(s) of the lecturer(s)
- Objectives and audience
- Synopsis

Industry Session Presentations

In order to strengthen the cooperation among industries with academics, PEAS 2023 will arrange industry sessions during the conference. Speakers are invited to make a presentation only without submitting a formal paper. These presentations will be included in the PEAS 2023 conference proceeding. Each presentation should be limited within 30 minutes (25 minutes for presentation, plus 5 minutes for Q&A). We seek technical presentations rather than marketing-oriented talks.

Please submit the proposal before July 15, 2023 to <https://jinshuju.net/f/BCsLJQ> including:

- Title of the presentation
- Summary of the presentation content
- Description of the target audience
- Short professional biography of the speaker

Other wonderful content

- **Plenary Session:** Leading experts from academia, industry, and research institutes will be invited to share their insights on technology developments and future trends.
- **Other Events:** 2023 China Power Electronics and Energy Conversion Congress & The 26th China Power Supply Society Conference and Exhibition, the 9th Student Design Competition on Power Electronics, Award ceremony of CPSS Science and Technology Award, Young Professional forum, Power supply Engineer in Women forum will be held during the PEAS 2023.