



IEEE PEAC 2026

The 4th IEEE International Power Electronics and Application Conference

November 5–8, 2026 Suzhou, China

Call for Papers

Honorary Chairs

Fred C. Lee, *Virginia Tech.*

Dehong Xu, *Zhejiang Univ.*

General Chair

Jinjun Liu, *Xi'an Jiaotong Univ.*

Sponsored by



China Power Supply Society

IEEE Power Electronics Society

Technical Sponsors

Jiangsu Power Supply Society

Secretariat of PEAC 2026

Email: peac@cpss.org.cn

Phone: +86-22-83575728、27686709

Fax: +86-22-27687886

Address: China Power Supply Society

10th Floor, Datong Building, No.467 Huanghe

Road, Nankai District, Tianjin, 300110, China

IEEE International Power Electronics and Application Conference (PEAC) is an international symposium for presentation and discussion of the state-of-the-art in power electronics, energy conversion and its applications. The IEEE PEAC 2026 is the fourth meeting of PEAC, which will be held in Suzhou, China, during November 5-8, 2026. The 5th China Power Electronics and Energy Conversion Congress and Exposition & The 29th China Power Supply Society Conference will be held during the PEAC 2026.

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 symposium 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 Data Centers, Consumer Electronics, Energy Harvesting, Power ICs, etc.**
- **Power-to-X and Green Hydrogen Energy Systems**
- **Big Data, Artificial Intelligence, and Security in Power Electronics Systems**
- **Invited Topics and Emerging Topics in Power Electronics**

■ Paper Submission

The working language of the symposium 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: <https://www.peac-conf.org/>. 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 symposium proceedings, and submitted to the IEEE Xplore on-line digital library and EI Compendex.

International students may apply for travel grants.

■ Important Deadlines

Submission of digests	Jun. 30th, 2026
Submission of Industry Session	Jul. 15th, 2026
Submission of Tutorial	Jul. 15th, 2026
Notification of paper acceptance	Aug. 15th, 2026
Submission of final papers	Sept. 15th, 2026



Welcome to Suzhou China

Suzhou, a graceful historic city in eastern China near Shanghai, is celebrated as the “Venice of the East” and the “City of Classical Gardens”. From an ancient water town to a cultural and industrial center, its splendid evolution embodies China’s harmony of tradition and modernization. As a picturesque city, Suzhou blends classical elegance with modern vitality. Stone bridges and quiet canals contrast with classic gardens and modern districts. Must-visit spots include Humble Administrator’s Garden, Tiger Hill, Pingjiang Road, Zhouzhuang and Suzhou Museum, where history meets art and nature.

Suzhou is also a culinary paradise, offering delicate Suzhou pastries, Huaiyang flavors, fresh lake food and local snacks. Don’t miss its signature sweet dishes and handmade traditional delicacies.

Beyond its role as a cultural and industrial hub, Suzhou carries timeless heritage and urban innovation. During your symposium, we invite you to explore its poetic scenery and gentle charm. Welcome to this “Heaven on Earth”!

■ More Participation Opportunities

Tutorials

Several high-quality tutorials will be offered on Thursday, November 5, 2026.

Prospective lecturers are invited to send a proposal before July 15, 2026 to the Tutorial Chair: Xinbo Ruan, on <https://jsj.top/f/g0KPIX>

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, PEAC 2026 will arrange industry sessions during the symposium. Speakers are invited to make a presentation only without submitting a formal paper. These presentations will be included in the PEAC 2026 symposium proceeding. Each presentation should be limited within 20 minutes (15 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, 2026 to <https://jsj.top/f/rOWGsw> 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:** The 5th China Power Electronics and Energy Conversion Congress and Exposition & The 29th China Power Supply Society Conference, the 12th 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 PEAC 2026.