



IEEE PEAS 2025

The 3rd IEEE International Power Electronics and Application Symposium

November 7–10, 2025 Shenzhen, China

Call for Papers

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IEEE International Power Electronics and Application Symposium (PEAS) is an international symposium for presentation and discussion of the state-of-the-art in power electronics, energy conversion and its applications. The IEEE PEAS 2025 is the third meeting of PEAS, which will be held in Shenzhen, China, during November 7-10, 2025. The 4th China Power Electronics and Energy Conversion Congress and Exposition & The 28th China Power Supply Society Conference will be held during the PEAS 2025.

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: <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 symposium proceedings, and submitted to the IEEE Xplore on-line digital library and EI Compendex.

■ Important Deadlines

Submission of digests

Jun. 30th, 2025 Jul. 21st, 2025

Submission of Industry Session

Jul. 15th, 2025

Submission of Tutorial

Jul. 15th, 2025

Notification of paper acceptance

Aug. 15th, 2025

Submission of final papers

Sept. 15th, 2025

For more information: peas.cpss.org.cn



Welcome to Shenzhen China

Shenzhen, a dynamic metropolis in southern China adjacent to Hong Kong, is celebrated as the “Silicon Valley of China” and the “Window of Reform”. From a humble fishing village to a global innovation powerhouse, its meteoric rise mirrors China’s modernization miracle.

As a vibrant metropolis, Shenzhen blends modernity with natural beauty. Skyscrapers like Ping An Finance Centre contrast with lush parks and coastline. Must-visit spots include Window of the World, Shenzhen Bay Park, OCT-LOFT Creative Culture Park, Dapeng Ancient Fortress, and Lianhua Mountain Park, where innovation meets history and greenery.

Shenzhen is also a culinary hotspot, offering Cantonese delicacies, international cuisine, and bustling night markets. Don’t miss its iconic seafood and innovative fusion dishes.

Beyond its role as an economic powerhouse, the city hosts cultural gems like Design Society and Shenzhen Museum, showcasing its pioneering spirit. While engaging in symposium activities, we encourage you to explore Shenzhen’s dynamic culture, cutting-edge tech scene, and coastal charm. Welcome to experience the energy of this "City of the Future"!

■ More Participation Opportunities

Tutorials

Several high-quality tutorials will be offered on Friday, November 7, 2025.

Prospective lecturers are invited to send a proposal before July 15, 2025 to the Tutorial Chair: Xinbo Ruan, on <https://jsj.top/f/Ztxd8O>

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 2025 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 PEAS 2025 symposium 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, 2025 to <https://jsj.top/f/tqdMih> 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 4th China Power Electronics and Energy Conversion Congress and Exposition & The 28th China Power Supply Society Conference, the 11th 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 2025.