

### Conference Publication

All submitted manuscripts will be carefully reviewed. Accepted papers, upon proper registration and presentation, will be published in the PESA 2026 conference proceedings, which will be included in **IEEE Xplore** and submitted for indexing in **Scopus** and **Ei Compindex**.

### SCI Journal

Up to 20% of the outstanding PESA 2026 papers will be selected and recommended for review and potential publication in **IAS Transactions** and **IAS Magazines (JCR-Q2)**.

### Publication History

All the past PESA conference proceedings had been published by IEEE and indexed by Ei Compindex and Scopus. The details are as below:

10th PESA - IEEE ISBN: 979-8-3503-6580-1	5th PESA - IEEE ISBN: 978-1-4799-3491-1
9th PESA - IEEE ISBN: 978-1-6654-8668-2	4th PESA - IEEE ISBN: 978-988-15581-2-1
8th PESA - IEEE ISBN: 978-1-7281-8890-4	3rd PESA - IEEE ISBN: 978-1-4244-3845-7
7th PESA - IEEE ISBN: 978-1-5386-1387-0	2nd PESA - IEEE ISBN: 962-367-544-5
6th PESA - IEEE ISBN: 978-1-5090-0063-0	1st PESA - IEEE ISBN: 962-367-434-1

More details about the conference history: <https://www.icpesa.net/history.html>

### Call for Papers

Track 1: Power Semiconductor Devices and Materials	Track 7: Smart Grids and Power Systems
Track 2: Power Converter Topologies and Control	Track 8: AI and Machine Learning in Power Electronics
Track 3: Renewable Energy Integration	Track 9: High-Frequency Power Conversion
Track 4: Energy Storage Systems	Track 10: Hydrogen and Sustainable Energy
Track 5: Electric Vehicle (EV) and Transportation	Track 11: Thermal Management and System Integration
Track 6: Wireless Power Transfer	Track 12: Emerging Applications and Interdisciplinary Frontiers

### PESA 2026 Special Sessions

#### Special Session 1: Lithium-Ion Battery Energy Storage: Multiphysics Modeling and Power-Electronics-Based Safe Charging Control

Chair: Yajie Jiang, Institute of Electrical Engineering, Chinese Academy of Sciences (IEE-CAS), China  
Co-Chair: Lei Zhang, Institute of Electrical Engineering, Chinese Academy of Sciences (IEE-CAS), China

#### Special Session 2: Advanced Energy Conversion and Charging Systems for Robotics and Electrified Mobility

Chair: Guiyi Dong, Toyota Motor Corporation, Japan  
Co-Chair: Shiqiang Liu, Tsinghua University, China  
Co-Chair: Yaohua Li, Nanyang Technological University, Singapore  
Co-Chair: Yong Ying, Kobe University, Japan

### Call for Special Sessions

The 11th PESA will be hosting a series of special sessions. Special sessions feature topics relevant to power electronics systems and applications. These events typically include invited papers and presentations to facilitate highly interactive special sessions.

Special Session Chair Duty

Invite paper submissions.

Invite oral presentations.

Host the special session.

More details: <https://www.icpesa.net/call-for-special-session.html>

### Call for Tutorials

The 11th PESA solicits proposals for 3-hour Tutorials that complement the regular program with clear and focused coverage in new and emerging topics within the scope of conference. Tutorials are an opportunity for researchers, developers and practitioners from academia and industry to learn about the state-of-the-art research.

More details: <https://www.icpesa.net/call-for-tutorial.html>

#### Tutorial 1: Control and Protection of Power Electronics-Dominated Power System

Speaker: Shan He, Hefei University of Technology, China

Speaker: Chao Wu, Shanghai Jiao Tong University, China

Speaker: Guoqing Gao, Aalborg University, Denmark

### Key Dates

Submission Due: June 25, 2026

Notification Date: July 25, 2026

Early Bird Registration Due: August 30, 2026

### Submission System

Submission Type: Full Paper (English, no less than 4 pages, including title, authors and affiliations, figures, and references)

Digest (English, not exceed 3 pages)

Submission Method: EC Online Submission System: <https://www.easychair.org/my2/conference?conf=pesa2026>

Email Submission: [pesa\\_secretariat@bmail.org](mailto:pesa_secretariat@bmail.org)

More details, please access: <https://www.icpesa.net/submit.html>

### Conference Committees

#### Honorary Chairs

Eric Ka-Wai Cheng, University of California, Merced, USA (IEEE Fellow)

Siew Hwa Chan, Nanyang Technological University, Singapore

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Yuanmao Ye, Guangdong University of Technology, China

More committee member: <https://www.icpesa.net/organizing-committee.html>

### Keynote Speakers



**C. K. Michael Tse**  
City University of Hong Kong, Hong Kong



**Akshay Kumar Rathore**  
National University of Singapore, Singapore



**Hoay Beng GOOI**  
Nanyang Technological University, Singapore



**Kwok Wai Ma**  
Infineon, Singapore



**Sanjib Kumar Panda**  
National University of Singapore, Singapore

### Invited Speakers



**Kerui Li**  
City University of Hong Kong, Hong Kong



**Yang Wu**  
Nanyang Technological University, Singapore



**Shuang Zhao**  
Hefei University of Technology, China



**Zhong Chen**  
University of Arkansas, USA



**Dawei Qiu**  
Nanyang Technological University, Singapore

### Conference Awards



Best Paper Award

### Contact Us

Conference Secretary: Lynn S.L. Gong

Email: [pesa\\_secretariat@bmail.org](mailto:pesa_secretariat@bmail.org) Website: [www.icpesa.net](http://www.icpesa.net)