

Publication History

All the past PESA conference proceedings had been published by IEEE and indexed by Ei Compendex 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

Submission System

Submission Type:

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

Abstract (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

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

Key Dates

Submission Due: June 25, 2026

Notification Date: July 25, 2026

Early Bird Registration Due: August 30, 2026

Conference Committees

Honorary Chairs

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

Siew Hwa Chan, Nanyang Technological University, Singapore

General Chair

Yun Yang, Nanyang Technological University, Singapore (IEEE Senior Member & IEEE PELS Member)

General Co-Chairs

Chaoqiang Jiang, City University of Hong Kong, Hong Kong (IEEE Senior Member & IEEE PES Member)

Ching-Ming Lai, National Chung Hsing University, Taiwan (IEEE IAS Member)

Kris Kaiwen Chen, Ningbo University, China (IEEE/PELTS/VTS/IES Member)

Program Chair

King-Jet Tseng, Singapore Institute of Technology, Singapore (IEEE Fellow & IEEE PES/IAS/PELS Member)

Program Co-Chairs

Aaron Cai, Molex, Singapore

Christopher Lee, Nanyang Technological University, Singapore (IEEE/PELTS/IAS Member)

Yan Xu, Nanyang Technological University, Singapore (IEEE PES Member)

Yi Tang, Nanyang Technological University, Singapore (IEEE/PES/IAS Member)

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

Infiniteon, Singapore



Sanjib Kumar Panda

National University of Singapore, Singapore



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

Conference Awards



Best Paper Award

Contact Us

Conference Secretary:

Email: pesa_secretariat@bmail.org

Lynn S.L. Gong

Website: www.icpesa.net