

2025 the 4th Asia Power and **Electrical Technology Conference**

Xiamen, China | December 26-28, 2025

2025 the 4th Asia Power and Electrical Technology Conference (APET) will be held in Xiamen, China from December 26-28, 2025. Hosted by Huagiao University, co-hosted by Fuzhou University, and patroned by Fujian University of Technology, China, Donghua University, Tianjin University, China, Hebei University of Technology, China, the APET conference provides a valuable platform for knowledge sharing, collaboration, and networking.

Organizing Committee

Advisory Chairs

Xinzhou Dong, Tsinghua University, China Dean Sharafi, Australian Energy Market Operator (AEMO), Australia **Conference Chairs** Ruiming Fang, Huagiao University, China

Xinhua Guo, Huagiao University, China Fengxiang Wang, Chinese Academy of Sciences, China **Conference Co-Chairs**

Tao Jin, Fuzhou University, China Liangzong He, Huaqiao University, China

Guoling Wang, Jimei University

Program Chairs

Jiliang Luo, Huaqiao University, China Xueqin Zheng, Xiamen University of Technology, China Rongyan Shang, Huagiao University, China

Program Co-Chairs

Guoyan Chen, Huaqiao University, China Damin Zhang, Xiamen University of Technology, China **Local Organizing Chairs**

Rongkun Wang, Huaqiao University, China Zhuoyun Nie, Huagiao University, China

Local Organizing Committee

Liaoyuan Lin, Huaqiao University, China Yulong Liu, Huaqiao University, China **WIE Chairs**

Qifang Lin, Huaqiao University, China Yuanyuan Xu, Huaqiao University, China **Publicity Chair**

Hui Shao, Huaqiao University, China

Call for Papers

Power System and Smart Grid

- Power Electronics and Key Technologies
- Advanced Power Semiconductors
- Semiconductor Technology
- **Diagnosis and Sensing Systems**
- MEMS-Micro Sensors and Structures
- Power Distribution
- Power System Design
- Electromagnetic And Applied Superconductivity
- **Electromagnetic Compatibility**
- **Electromagnetic Transients Programs**

Electrical Engineering and Automation

- Converters and Inverters
- **Electric Drivers and Application**
- Electric Vehicle Technologies
- **Electrical Machinery and Electrical Apparatus**
- Electrical Machines, Power Electronics and Industry Applications
- **Electrical Materials and Process**
- Electrical Traction Systems and Control
- Inverter and Converter Technology
- Materials for Electrotechnics
- Transmission and Distribution Systems and Apparatus
- High Voltage and Insulation Technology
- High Voltage Engineering and Insulation Technology
- More topics please check: www.apet.net/calls.html



Important Dates

Submission Deadline: July 30th, 2025

Notification Date: Aug. 30th, 2025

Registration Deadline: Sep. 20th, 2025

Publication

Conference Proceedings

Accepted and presented papers will be published into conference proceedings, which will be indexed by Ei Compendex and Scopus.

APET Awards

- Young Scientist Award **Outstanding Organization Award**
- Best Industrial Paper Award
- Best Poster Presentation Award
- Best Student Paper Award
- Outstanding Reviewer Award

- Best Oral Presentation Award

Special Session

Special Session 1

Advanced Control and Optimal Management of Cyber-Physical Smart Grids

Organizers:

Huashan Liu, Donghua University Yinghao Shan, Donghua University Jie Xing, Donghua University

Special Session 2

Control and Protection of Hybrid AC/DC Transmission Systems

Organizers:

Sohrab Mirsaeidi, School of Electrical Engineering, Beijing Jiaotong University Meng Li, School of Electrical Engineering, Beijing Jiaotong University Jinghan He, School of Electrical Engineering, Beijing Jiaotong University.

Special Session 3

Numerical Simulation of Partial Discharge, Online Insulation Monitoring and Fault Diagnosis for Electrical Equipment

Organizers:

Feng Bin, Changsha University of Science & Technology Fangwei Liang, Tsinghua University Zhi Zheng, Hunan University Xiao Zhong, Hunan University

Special Session 4

Advances in Eco-Friendly Electrical Materials And Its Application in High Voltage Power Equipment

Xiaolong Li, Shenyang University of Technology, China Zhonglei Li, Tianjin University, China Jian Hao, Chongqing University, China

Special Session 5

Advanced Key Theory and Technology for DC Breaking

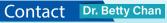
Organizers:

Jianning Yin, Xi'an University of Technology

Special Session 6

Operation and Planning of Energy Storage in Active Distribution Networks

Organizers: Yujie Sheng, State Grid Fujian Electric Power Co., Ltd., China Shiwei Xie, Fuzhou University, China



E-mail: apet_official@vip.163.com Wechat: iconf-ee