

Fuzhou, China
November 15-17, 2024

The 3rd Asia Power and Electrical Technology Conference

APET
2024
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The 3rd Asia Power and Electrical Technology Conference (APET 2024) will be held in Fuzhou, China from November 15-17, 2024. Co-sponsored by Fuzhou University and IEEE Power & Energy Society, hosted by Fuzhou University, co-hosted by Xiamen University, 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.



Prof. Kashem Muttaqi
University of Wollongong, Australia
Fellow of IEEE, IET, FIEAust, FAAIA



Prof. Concettina Buccella
University of L' Aquila, Italy
Fellow of IEEE



Prof. Wei Xu
Institute of Electrical Engineering,
Chinese Academy of Sciences, China
Fellow of IEEE

Keynote
Speakers

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Dewang Chen, Fujian University of Technology, China
Dean Sharafi, Australian Energy Market Operator (AEMO), Australia

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Local Organizing Chair

Yi Zhang, Fuzhou University, China

Local Organizing Committee

Yuzheng Xu, Fuzhou University, China
Xuehan Zhang, Fuzhou University, China
Jian Song, Fuzhou University, China

Award Chairs

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Xinwei Shen, Tsinghua University, China

Publicity Chairs

Shengwen Shu, Fuzhou University, China
Mingfa Yang, Fuzhou University, China
Huaiyuan Wang, Fuzhou 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

More topics please check: www.apet.net/calls.html

Important Dates

Submission Deadline	June 10th, 2024
Notification Date	July 10th, 2024
Registration Deadline	July 30th, 2024

Publication

▶ Conference Proceedings

Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements, and submit for Ei Compendex & Scopus index.

▶ SCI Journals

Excellent papers after extension will be recommended to special issues:

1. Protection and Control of Modern Power Systems (ISSN: 2367-2617).
Journal Rank: Q1; Impact Factor: 11; indexing: SCI, Ei, Scopus, etc.
2. Special Issue "Selected Papers from APET 2024 - Sustainable Electrical Energy Technologies II"
Journal Rank: Q1; Impact Factor: 3.252; Indexing: SCI, Ei, Scopus, etc.

APET Awards

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

Special Session

Session 1	Advanced Control and Optimal Management of Cyber-Physical Smart Grids
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Organizers:
Huashan Liu, Donghua University
Yinghao Shan, Donghua University
Jie Xing, Donghua University

Session 2	Control and Protection of Hybrid AC/DC Transmission Systems
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Organizers:
Sohrab Mirsaedi, 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

Session 3	Numerical Simulation of Partial Discharge, Online Insulation Monitoring and Fault Diagnosis for Electrical Equipment
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Organizers:
Feng Bin, Changsha University of Science & Technology
Fangwei Liang, Tsinghua University
Zhi Zheng, Hunan University
Xiao Zhong, Hunan University

Session 4	Advances in Eco-Friendly Electrical Materials And Its Application in High Voltage Power Equipment
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Organizers:
Xiaolong Li, Shenyang University of Technology, China
Zhonglei Li, Tianjin University, China
Jian Hao, Chongqing University, China

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