PSET
Power Systems and Electrical Technology

Tokyo, Japan August 5-8, 2024 www.pset.org

PSET 2024 is co-sponsored by Beijing CAS Industrial Energy and Environment Technology Institute and North China Electric Power University, hosted by The University of Tokyo (Japan) and Chongqing University (China)

The three-day exciting program will consist of keynote and invited talks by international experts, as well as plenary sessions. Meanwhile, an array awards will be awarded to inspire researchers, scholars and students to strive for excellence in the fields.

Conference Chairs

Akiko Kumada
The University of Tokyo, Japan

Ruijin Liao
Chongqing University, China

Publication

*IEEE Conference Proceedings
Accepted and presented full papers will be published by IEEE Conference Proceedings, included in IEEE Xplore, and submitted for Ei Compendex and Scopus, etc.

IEEE

IEEE Transactions on Industry Applications (E-ISSN: 1939-9367)
JCR: Q1   CiteScore:9.9   Impact Factor: 4.4
Index: SCI, Ei Compendex, Scopus, etc.
Up to 30% excellent PSET 2024 proceedings papers will be selected and recommended to IEEE Transactions on Industry Applications.

IAS IEEE INDUSTRY APPLICATIONS SOCIETY *Linking Research to Practice*

Conference Awards

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

Venue

The University of Tokyo
The University of Tokyo is a public research university in Bunkyō, Tokyo, Japan which is founded in 1877. And the Department of Electrical Engineering and Information Systems has inherited the history and tradition of being the first university department in the world to specialize in electrical technology (1873), values the frontier spirit that has always created new concepts and cutting-edge technologies that open up new eras.

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Important Date

Submission Deadline: May 15th, 2024

* For full paper, abstract and invited presentation submission. And special session, tutorial proposal.
* If you need an invitation letter, please contact the conference email.

Topics

Power Engineering and Management
Power System and Automation
Electric Machinery and Power Electronics
Electrical Facilities
Electrophysics and Electronic Materials
System Control and Information Management
For more topics: http://www.pset.org/cfp.html

Special Sessions

Session I: Application of Artificial Intelligence in Electric Power Systems
Organizer: Sohrab Mirsaeidi, Beijing Jiaotong University (BJTU), China
https://www.pset.org/ss1.html

Session II: Advances in Electric Charge Phenomena in Power Equipment Insulation
Organizers: Zhonglei Li, Tianjin University, China
　　　　　　Xiaolong Li, Shenyang University of Technology, China
https://www.pset.org/ss2.html

Session III: High Performance Dielectric Materials
Organizers: Masahiro Sato, University of Tokyo, Japan
　　　　　　Kumada Akiko, University of Tokyo, Japan
　　　　　　Takahiro Umemoto, University of Tokyo, Japan
　　　　　　Haoou Ruan, University of Tokyo, Japan
https://www.pset.org/ss3.html

Session IV: Virtual Power Plant with Enormous Flexible Distributed Energy Resources
Organizers: Hongchao Gao, Tsinghua University, China
　　　　　　Xuguang Hu, Northeastern University, China
https://www.pset.org/ss4.html

Tutorial

"Virtual Power Plants: Modelling, Control and Operation"
Part 1- A Taxonomy of Virtual Power Plants
Federico Milano, University College Dublin, Ireland

Part 2- Dynamic VPP Realization for Multi-time Scales Integration
Bogdan Marinescu, Ecole Centrale de Nantes, France

Part 3- Optimal Bidding of Renewable-based VPPs in Energy and Ancillary Service Markets
Álvaro Ortega, Comillas Pontifical University, Spain

Submission

Online Submission System: https://www.zmeeting.org/submission/pset2024
Paper Template: http://www.pset.org/PaperTemplate.docx
Latex Template: http://www.pset.org/latex-template.zip

▲ Call for Tutorials & Special Sessions
We welcome tutorials & special sessions proposals on topics within the scope of PSET 2024.

Contact

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