

IEEE International Conference on Electrical Energy Conversion Systems and Control

Nov. 8-11, 2024 Shanghai, China

The IEEE International Conference on Electrical Energy Conversion Systems and Control, 2024 (IEEE IEEESC 2024) will be held in Shanghai, one of the biggest cities in China. The conference aims to provide an excellent platform for researchers in electrical and electronic engineering from academia and industry around the world to exchange their research findings.

The conference is sponsored by Tsinghua University, Shanghai Jiao Tong University and IEEE, organized by Shanghai Electrical Apparatus Research Institute(-SEARI), Electric Machines & Control Application, China Electrotechnical Society, Small & Medium Electric Machine Subassociation of China Electrical Equipment Industrial Association(SMEMS) and Chinese Society for Electrical Engineering(CSEE). IEEESC features keynote speeches, oral presentations, and other academic activities aimed at creating a more efficient electrical systems. The scopes includes electrical machines and drives, power, energy, controls.

Conference Topics

Electrical Machines and Drives

Electric Machines Design and Optimization
High-efficiency Motors and Drives
AC and DC Machines and Drives
Reluctance Machines and Drives
Permanent Magnet Machines and Drives
Advanced Control Strategies for Electrical Machines
Fault Diagnosis and Condition Monitoring
Electric Propulsion Systems
Electrical Vehicles
Electric Vehicle Charging Infrastructure

Power

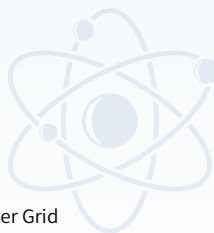
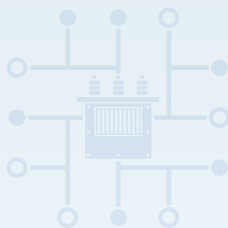
Transformer
Power Disaster and Protection
Wind Power Patrol Technology of UAV
Data Sciences Techniques in Power Engineering
AI/Machine Learning Application in Power Systems
Digital Twins
Big Data Application in Power Systems
Smart Grid
Power and Energy System Applications
Impact of Smart Grid on Distributed Energy
Deployable Microgrid
Large Scale Renewable Energy Integration and Consumption
Large Power Grid Flexible Interconnection

Energy

Energy IOT
Renewable Energy Sources
Energy Management and Environmental Issues
Wind Energy Systems
Solar Energy Systems
Hydrogen Systems and Fuel Cell
New Energy
Energy Transformation from New Energy System to Power Grid
Reliability, Maintenance and Safety of New Energy

Controls

Control Theory and Applications
Adaptive and Learning Control System
Fuzzy and Neural Control
Mechatronics
Manufacturing Control Systems and Applications
Process Control Systems



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Submission Guidelines

- 1) Manuscripts must be written in English;
- 2) The manuscript should be written in accordance with the standard of template;
- 3) The paper should be within FIVE Pages including all figures, tables, and references. If the paper exceeds 5 pages, extra pages should be paid at RMB 350 / USD 50 per page.
- 4) Your manuscript should be submitted as a PDF document in .pdf format.
- 5) Plagiarism is prohibited;
- 6) Duplicate submission is prohibited.
- 7) Innovation and scientific value is a must.

*Learn more through our webpage: <https://ieee-ieesc.net/sub.html>



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Submission Link

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Submission Due: Jul. 15, 2024

Notification of Acceptance: Aug. 15, 2024

Final Paper Due: Sept. 15, 2024

Conference Date: Nov. 8-10, 2024

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2024 IEEE国际电能转换系统与控制会议 (IEEE IEECS 2024) 旨在为世界各地的科学家、研究人员及工程师提供一个优秀的国际平台,与全球专家分享他们的研究成果,促进电气系统及能源领域的发展。

会议由清华大学、上海交通大学和IEEE主办,上海电器科学研究所、《电机与控制应用》期刊、中国电工技术学会中小型电机专委会、中国电器工业协会中小型电机分会、上海市电机工程学会承办。会议将邀请国内外电气、能源、控制等领域的知名院士和专家教授,就电气能源领域相关技术和发展方向进行交流。大会将设立主会场和多个专题论坛,展示专家学者们在全球电气技术和能源装备关键领域的最新研究成果,开展高水平、多维度、国际化的学术交流与合作。

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