

The IEEE International Conference on Electrical Energy Conversion Systems and Control, 2024 (IEEE IEECS 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(C-SEE). IEECS 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.

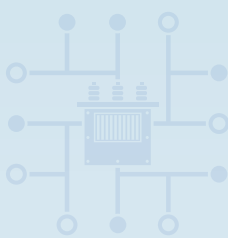
Shanghai, Hu for short, is a renowned international metropolis drawing more and more attention from all over the world. Situated on the estuary of Yangtze River, it serves as the most influential economic, financial, international trade, and cultural center in East China. Also it is a popular travel destination for visitors to sense the pulsating development of the country. In addition to its modernization, the city's multicultural flair endows it with a unique glamour. Here, one finds the perfect blend of cultures, the modern and the traditional, and the western and the oriental. New skyscrapers and old Shikumen together draw the skyline of the city.



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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Paper Submission

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.

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Important Dates

Submission Due: Jul. 15, 2024

Notification of Acceptance: Aug. 15, 2024

Final Paper Due: Sept. 15, 2024

Conference Date: Nov. 8-10, 2024

Registration

Registration Fee

| Category | Early Birds | Regular Registration | On-site Registration |
|----------------------------|----------------------|--------------------------|---------------------------|
| | Before Sept.16, 2024 | Sept.16,2024-Nov.1, 2024 | Nov. 2,2024-Nov. 10, 2024 |
| Regular Author | 500USD/3200 RMB | 550USD/3500 RMB | 650USD/4200 RMB |
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