



May 23-25, 2025
Chongqing, China



CALL FOR
PAPERS

IEEE International Conference on Electrical Energy Conversion Systems and Control

2025 IEEE International Conference on Electrical Energy Conversion Systems and Control (IEEE IECCSC 2025) will be held in Chongqing, 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 Chongqing University, Tsinghua University, Shanghai Jiao Tong University and IEEE, organized by Shanghai Electrical Apparatus Research Institute. IECCSC 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.

Located in southwest China, Chongqing, known as the 'mountain city', is renowned for its picturesque mountain-river landscapes and rich cultural heritage. A popular tourism destination, it boasts attractions like the Three Gorges and Dazu Rock Carvings. As a leading manufacturing center in western China, Chongqing seamlessly blends traditional Ba, Three Gorges, and Three Kingdoms cultures with modern urban development. Famous for its cuisine and hotpot, the city offers a delightful culinary experience. With its dynamic growth, historic charm, and cultural richness, Chongqing is a must-visit destination that beautifully combines history, culture, and modernity.

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

PAPER SUBMISSION

The accepted papers after registration and presentation will be included into IEEE IECCSC 2024 Conference Proceedings and submitted for inclusion in the IEEE Xplore Digital Library.

Submission Guideline

- Manuscripts must be written in English.
- The manuscript should be written in accordance with the standard of template.
- The paper should be at least **FIVE** Pages including all figures, tables, and references.
- Your manuscript should be submitted as a PDF document in .pdf format.
- Plagiarism is prohibited.
- Duplicate submission is prohibited.
- Innovation and scientific value is a must.



Scan the QR code or click the following links to submit your paper.

<https://easychair.org/conferences/?conf=ieecsc2025>

IMPORTANT DATES

- Submission Deadline:** Jan. 20, 2025
- Notification of Acceptance Deadline:** Feb. 20, 2025
- Final Paper Submission Deadline:** Apr. 30, 2025
- Conference Dates:** May 23-25, 2025

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