

May 23-25, 2025 Chongging, China



# **IEEE International Conference on Electrical Energy Conversion Systems and Control**

2025 IEEE International Conference on Electrical Energy Conversion Systems and Control (IEEE IEECSC 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. IEECSC features keynote speeches, oral presentations, and other academical 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 Engineering Technology** 

Transportation Electrification

**Aviation Electrical** 

Converter and Inverter

Extreme Environmental Electrical Equipment **Efficient Energy Conversion** 

Integrated Energy System

**Electrical Control Science and Control Engineering Electrical Energy Materials and Devices** 

Electric Vehicle Technology

Power Electronics and Industrial Applications

**Electrical Materials and Processes Electric Traction System and Control** 

Computational Intelligence in Electrical Engineering Operation and Planning of New Power Systems

Smart Power Distribution & Utilization Systems

Transformer Power Disaster and Protection

High Voltage and Insulation Technology Wind Power Patrol Technology of UAV Data Sciences Techniques in power engineering

Al/Machine Learning 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

Large Scale Power Grid Safety Control

Renewable Energy Grid

Urban Photovoltaic Applications and Microgrids

Power Transmission and Distribution System and Equipment

Computer and Artificial Intelligence Applications in Power Industry

**Electricity Market and Power System Economics** Power Quality and Electromagnetic Compatibility

Power System Planning and Scheduling

Power System Protection, Operation, and Control

Reliability and Safety of Power System

Planning, Operation, and Control of Transmission and Distribution Networks

Fault Diagnosis and Status Monitoring of Power System

Electric Machines Design and Optimization

High-efficiency Machines 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 Vehicle Drivers and Applications** Electric Vehicle Charging Infrastructure

Global Energy Interconnection Renewable Energy Sources

**Energy Management and Environmental Issues** 

**Energy Transmission** Wind Energy Systems

Solar Energy Systems

Hydrogen Energy Systems Fuel Cell

**New Energy** Energy Transformation from New Energy System to Power Grid

Reliability, Maintenance and Safety of New Energy

**Energy Storage and Distributed Energy** 

**Energy Technology** Electrical and Power Energy-Saving Technology

**Energy Storage Technology** Renewable Energy Thermal Energy and Power Engineering

**Energy Engineering and Environmental Engineering** 

Nuclear Energy Engineering and Nuclear Power Technology Clean Energy Development

Thermal Engineering and Thermodynamics **Energy Conversion and Energy Efficiency** 

Hydroelectric Power Generation, Geothermal and Tidal Solar Power Generation

Special Session 01: Energy Conversion Techniques in Transportation Electrification Special Session 02: Improving Power Density of Electrical Machines by Application of Advanced Materials

## PAPER SUBMISSION

The accepted papers after registration and presentation will be included into IEEE IEECSC 2025 Conference Proceedings. The proceedings will be submitted for inclusion in the IEEE Xplore Digital Library and El indexing.

Additionally, outstanding conference papers will be recommended for publication in journals, including CSEE Journal of Power and Energy Systems, Protection and Control of Modern Power Systems (PCMP), Chinese Journal of Electrical Engineering (CJEE), and Energy Conversion and Economics (ECE) and other journals.

### **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

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### • IMPORTANT DATES

Submission Deadline: Feb. 17, 2025

Notification of Acceptance Deadline: Mar. 20, 2025

Final Paper Submission Deadline: Apr. 30, 2025

Conference Dates: May 23-25, 2025

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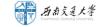


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