# IEEE EI² 2024

# IEEE EI²

**THE 8TH IEEE CONFERENCE ON ENERGY INTERNET AND ENERGY SYSTEM INTEGRATION**

NOV. 29 - DEC. 02, 2024 | SHENYANG, CHINA

## ⚡ ABOUT CONFERENCE

The IEEE EI² has been successfully held for seven times so far in Beijing, Changsha, Wuhan, Taiyuan, Chengdu, Hangzhou, etc. IEEE EI² has been widely recognized by the global academic and industrial communities in the field of energy, and has received more than 1,000 academic papers from more than 20 countries and regions around the world, attended by more than 1,000 experts and scholars. It is the most influential annual academic event in the field of global Energy Internet.

The 8th IEEE Conference on Energy Internet and Energy System Integration (IEEE EI² 2024), organized by IEEE Power and Energy Society, Chinese Society for Electrical Engineering, Shenyang University of Technology, and Tsinghua University, will be held in Shenyang, during November 29-December 2, 2024. EI² 2024 focuses on innovative technologies and practical applications in the fields of Energy Internet and Energy System Integration (ESI), aiming at the integration of multiple energy sources such as electricity, gas, heating, cooling and transportation to shape a green, low-carbon, smart and efficient ecosystem. The theme of the conference is "Towards Green and Intelligent Energy Internet", which explores artificial intelligence technologies for the Energy Internet, zero-carbon and low-carbon energy interconnection system, new quality productivity construction for the energy sector, energy big data processing, new energy technologies and system integration, control and optimization of the Energy Internet, energy market and energy trading, energy security and risk, electric motor technologies and intelligent drive systems, and key support technologies for new-type power systems, etc. The goal is to push forward the process of AI-enabling of the energy system, to improve the efficiency of energy and to achieve sustainable development of energy and resources.

## ⚡ CONFERENCE THEME

Towards Green and Intelligent Energy Internet

## ⚡ ORGANIZERS



## ⚡ CONFERENCE COMMITTEE

**General Chair**
Yinbiao Shu, Academician of the Chinese Academy of Engineering, Chairman of the Chinese Society for Electrical Engineering, Chairman of the Chinese Electrotechnical Committee

**Conference Chairs**
Hongbin Sun, Taiyuan University of Technology, Tsinghua University, China
Qiuye Sun, Shenyang University of Technology, China

**Conference Co-Chairs**
Jianming Liu, Chinese Society for Electrical Engineering, China
Jinyue Yan, Hong Kong Polytechnic University, China
Jianzhong Wu, Cardiff University, UK

**Organization Committee Chair**
Zhijia Zhang, Shenyang University of Technology, China

**Technical Program Committee Chairs**
Yuxian Zhang, Shenyang University of Technology, China
Bin Liu, Shenyang University of Technology, China
Haiwen Feng, Shenyang University of Technology, China

## ⚡ CONFERENCE TOPICS *(including but not limited to the following)*

- Artificial Intelligent Technology for Energy Internet
- Zero- and Low-Carbon Energy Interconnection Systems
- New Quality Productivity Construction for Energy Sector
- Energy Big Data Processing
- New Energy Technologies and Systems Integration
- Control and Optimization of the Energy Internet
- Energy Market and Energy Trading
- Energy Security and Risk
- Electric Motor Technology and Intelligent Drive Systems
- Key Supporting Technologies for New-type Power Systems

For more detail information, please visit our conference website: https://attend.ieee.org/ei2-2024

## ⚡ PAPER SUBMISSION

1. All submissions should be written in **English**.
2. The paper must be an original, published scientific research result for the first time, and the content should meet the scope of the call for papers, or belong to the field of power system and related interdisciplinary disciplines.
3. The papers will be reviewed by the review committee, and the review committee will notify the authors to make an oral presentation or poster presentation at the conference according to the review results.

Scan the QR code on the left or copy the following link to sumbit your paper.

https://easychair.org/conferences/?conf=ei22024

## ⚡ PUBLICATION

Accepted and presented papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements. The proceedings will be submitted to be indexed by EI Compendex and Scopus.

## ⚡ IMPORTANT DATES

○ **Full Paper Submission Deadline**
Sept. 15, 2024

○ **Notification of Acceptance**
Oct. 15, 2024

○ **Conference Date**
Nov. 29 - Dec. 02, 2024

**CONTACT US**

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