

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(C-SEE). 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.

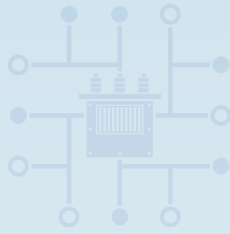
Shanghai, Hu for short, is a renowned international metropolis drawing more and more attention from all over the world. Situated on the estuary of Yangtze River, it serves as the most influential economic, financial, international trade, and cultural center in East China. Also it is a popular travel 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

Conference Committee

Honorary Chairs

Renyuan Tang, Academician of Chinese Academy of Engineering, China
Guobiao Gu, Academician of Chinese Academy of Engineering, China
An Luo, Academician of Chinese Academy of Engineering, China

General Chairs

Xi Xiao, Tsinghua University, China
Qiang Gao, Shanghai Jiao Tong University, China

Technical Program Chair

Youtong Fang, Zhejiang University, China

International Steering Committee Chairs

Ion Boldea, University Politehnica of Timisoara, Romania
Zi-Qiang Zhu, University of Sheffield, UK
Fred Wang, University of Tennessee- Knoxville, USA
Fang Z. Peng, Florida State University, USA
Jian Sun, Rensselaer Polytechnic Institute, USA
Jian Guo (Joe) Zhu, The University of Sydney, Australia
Jose Rodriguez, Universidad San Sebastian, Spain
Ayman El-Refaie, Marquette University, USA
Pat Wheeler, University of Nottingham, UK
Faz Rahman, University of New South Wales, Australia
Vladimir Terzija, Newcastle University, UK
Huai Wang, Aalborg University, Denmark
Liangzhong Yao, Wuhan University, China
Fushuan Wen, Zhejiang University, China
Qinghua Wu, South China University of Technology, China
Ming Cheng, Southeast University, China
Jinjun Liu, Xi'an Jiaotong University, China
Zhigang Liu, Southwest Jiaotong University, China
Zheng Xu, Zhejiang University, China
Chi K. Michael Tse, City University of Hong Kong, China
Ronghai Qu, Huazhong University of Science and Technology, China
Bo Zhang, South China University of Technology, China
Wei Xu, Institute of Electrical Engineering, Chinese Academy of Sciences

Publication Chair

Mengqi Zhou, IEEE Beijing Section, China

Technical Program Committee

Shoudao Huang, Hunan University, China
Wenxiang Zhao, Nanjing Institute of Technology, China
Wensheng Song, Southwest Jiaotong University, China
Xiaohua Bao, Hefei University of Technology, China
Yongchang Zhang, North China Electric Power University, China
Lingzhi Yi, Xiangtan University, China
Hui Li, Chongqing University, China
Yunyue Ye, Zhejiang University, China
Hongbo Qin, Shanghai Energy Efficiency Center, China
Weinong Fu, SIAT of Chinese Academy of Sciences, China
Xiaojie Wu, China University of Mining and Technology, China
Lei Chen, Wuhan University, China
Shunle Tan, Xi'an Micromotor Research Institute, China
Xu Liu, Hebei University of Technology, China
Chaohui Zhao, Shanghai Dianji University, China
Liyi Li, Harbin Institute of Technology, China
Xi Zhang, Shanghai Jiao Tong University, China
Xiuhua Wang, Shandong University, China
Yanling Lyu, Harbin University of Science and Technology, China
Xuemei Zheng, Harbin Institute of Technology, China
Jing Ma, North China Electric Power University, China
Lei Wang, Harbin University of Science and Technology, China
Yigang He, Wuhan University, China
Qunjing Wang, Anhui University, China
Yongdong Li, Tsinghua University, China
Xu Cai, Shanghai Jiao Tong University, China
Jiwen Zhao, Hefei University of Technology, China
Aiyuan Wang, Shanghai Dianji University, China
Jian Luo, Shanghai University, China
Zheng Li, Hebei University of Science and Technology, China
Mengqi Zou, Shanghai Electrical Apparatus Research Institute, China
Weihua Chen, Shanghai Electrical Apparatus Research Institute, China
Yutian Sun, Harbin Institute of Large Electric Machinery, China
Qiming Cheng, Shanghai University of Electric Power, China
Hongfa Zhou, Shanghai Electrical Apparatus Research Institute, China
Lawu Zhou, Changsha University of Science and Technology, China
Shuying Yang, Hefei University of Technology, China
Shuangxia Niu, The Hong Kong Polytechnic University, China
Anwen Shen, Huazhong University of Science and Technology, China
Xiaoyuan Wang, Tianjin University, China
Gang Lu, Northwestern Polytechnical University, China
Haisen Zhao, North China Electric Power University, China
Zhuoran Zhang, Nanjing University of Aeronautics and Astronautics, China
Jianhui Wang, Shanghai Electrical Apparatus Research Institute, China
Xuxing Zhang, China Electric Institute, China
Weiwei Jin, Shanghai Electrical Apparatus Research Institute, China

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.

*for more details, please click the following links: <https://ieeesc.net/sub.html>

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
Student / Committee Author	400USD/2600 RMB	450USD/2900 RMB	550USD/3500 RMB
IEEE Member Author	450USD/2900 RMB	500USD/3200 RMB	600USD/3900 RMB
IEEE Student Member Author	350USD/2300 RMB	400USD/2600 RMB	500USD/3200 RMB
Regular Listener	300USD/2000 RMB	350USD/2300 RMB	400USD/2600 RMB
Additional Page		50USD/350 RMB	



*Check the detail registration information through: <https://ieeesc.net/reg.html>

Submission Links:



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

<https://easychair.org/conferences/?conf=ieeesc2024>

Important Dates

Submission Due: **Aug. 15, 2024**

Notification of Acceptance: **Sept. 15, 2024**

Final Paper Due: **Oct. 15, 2024**

Conference Date: **Nov. 8-10, 2024**

Contact Us

Conference Website: <https://ieeesc.net/>
Telephone: +86-18981930974
Email: ieeesc@youngac.cn

Sponsors



Organizers



Co-organizer



Supporting Media

