

### O Chengdu, China

**6** March 28-31, 2024

The 6th Asia Energy and Electrical Engineering Symposium (AEES 2024) will take place in Chengdu, China again from March 28 to 31, 2024
Asia Energy and Electrical Engineering Symposium (AEEES), initiated in 2019, stands as a significant platform that resonates with this dynamic landscape. Sponsored by the University of Electronic Science and Technology of China (UESTC) and co-sponsored by esteemed institutions such as Chengdu University of Technology (CDUT) and Southwest University of Science and Technology (SWUST), AEEES fosters the exchange of ideas and advancements in the realm of energy and electrical engineering.



# **Organizing Committees** •

### International Advisory Committee



Prof. Marco Liserre Kiel University, Germany (IEEE FELLOW)



Frede Blaabjerg Danish Academy of Technical Sciences Aalborg University, Denmark (IEEE FELLOW)



Alberto Borghetti University of Bologna, Italy (IEEE FELLOW)



Atsuo Kawamura Yokohama National University, Japan (IEEE FELLOW)



Zhe Chen Aalborg University, Denmark (IEEE FELLOW)



Prof. Chris Mi San Diego State University, USA (IEEE & SAE FELLOW)



Soteris Kalogirou Cyprus University of Technology, Cyprus (IEEE FELLOW)



Jinjun Liu Xi'an Jiaotong University, China (IEEE FELLOW)



Nikos Hatziargyriou National Technical University of Athens, Greece (IEEE FELLOW)



C.Y. Chung University of Saskatchewan, Canada (IEEE FELLOW)

### > Steering Committee



Junyong Liu Sichuan University, China (IEEE Member)



Jian Li University of Electronic Science and Technology of China, China (IEEE Senior Member)



Hongzhong Ma Hohai University, China



S. M. Muyeen Curtin University, Australia (IEEE Senior Member)

### Special Session Chairs



Chongqing University, China (IEEE Member)



Jinrui Tang Wuhan University of Technology, China (IEEE Member)



Chuan He Sichuan University, China (IEEE Member)



Siyang Liao Wuhan University, China



Bo Yang Kunming University of Science and Technology, China



SBowen Zhou Northeastern University, China (IEEE Senior Member)

### > General Chairs



Southwest University of Science and Technology, China (President of SWUST, IEEE FELLOW)



Weihao Hu

University of Electronic Science and Technology of China, China (Director of the Intelligent Power and Energy Research Institute, IEEE Senior Member)

### Local Chairs



Jianbo Yi University of Electronic Science and Technology of China, China



Youbo Liu Sichuan University, China (IEEE Member)



Jichun Liu Sichuan University, China

### General Co-Chairs



Adam Waldemar Skorek
University of Quebec at Trois-Rivieres, Canada
(IEEE FELLOW)



Zhenglin Yang China Electric Power Research Institute, China

## > Publicity Chairs



Guangning Wu Southwest Jiaotong University, China (IEEE Fellow)



Farhad Shania Murdoch University, Australia

Mansoura University, Egypt (IEEE Senior Member)



Zhou Liu Aalborg University, Denmark (IEEE Senior Member)

Xihua University, China

Xiucheng Dong

### > Program Chairs



Shandong Univeristy, China (Vice President of Shandong Energy Research Association, IEEE Senior Member)



Zhi Cai China Electric Power Research Institute, China



## > Student Program Chairs

Sayed Abulanwar



Dongsheng Cai Chengdu University of Technology, China (IEEE Member)



Olusola Bamisile Chengdu University of Technology, China (IEEE Member)



### **Publication**

#### 1.Conference Proceedings

Accepted papers will be published in Conference Proceedings, to be included into main data base.

#### 2.SCI Journal:

Renewable Energy

#### Renewable Energy (ISSN: 0960-1481)

Editor-in-Chief: Prof. Soteris Kalogirou

Impact Factor: 8.001

Indexing: SCIE, El Compendex, SCOPUS, etc

Delegates are encouraged to submit their papers abstracts to the conference. Good quality papers will be selected by the organizing committee and Prof. Soteris Kalogirou, the editor in chief.

#### 3.El Journal:



#### **Energy Engineering**

ISSN: 0199-8595 (print) ISSN:1546-0118 (online) Editor-in-Chief: Prof. he Chen and Prof. Wenming Yang Indexing: Ei Compendex; Scopus; WorldCat (OCLC), etc Special Issue: Key Technology for New-Type Power System

Only papers presented at the conference will be considered to the special issue. One excellent paper will be selected to publish for free and others can enjoy special discount with 600 USD/per one.

### **Special Sessions**

Session 1: Risk Assessment and Planning of Power Systems Integrated with High Penetration of Renewable Energies

> Organizer: Bo Hu, Chongqing University, China Co-Organizers: Tao Niu, Chongqing University, China

Changzheng Shao, Chongqing University, China

The Electricity Market and the Utilization of Clean Energy Session 2:

Organizer: Zhi Cai, China Electric Power Research Institute, China

Artificial Intelligence Application in Energy Systems Session 3:

Organizer: Bo Yang, Kunming University of Science and Technology,

Internet of Things Applications in Power Distribution Systems Session 4:

Organizer: Jinrui Tang, Wuhan University of Technology, China

Intelligent Control and Management of Modern Power and Energy Session 5:

Organizer: Bowen Zhou, Northeastern University, China

Co-Organizer: Guangdi Li, Northeastern University, China

Demand Response and Direct Load Control for Renewable Energy Session 6:

Integration into Power Grid

Organizer: Siyang Liao, Wuhan University, China

Optimization and Market of Integrated Electricity and Natural Gas Session 7:

Systems

Organizer: Chuan He, Sichuan University, China

Condition Monitoring and Intelligent Diagnosis Session 8:

Organizer: Hongzhong Ma, Hohai University, China

Session 9:

Statistical Machine Learning for Uncertainty Modelling of Renewable

Organizer: Xueqian Fu, China Agricultural University, China

### > Submission Methods

1.Please log in the Easychair Submission System to submit vour paper

(http://www.easychair.org/conferences/?conf=aeees2024)

2.Or send E-mail to aeees conference@163.com

### > Important Dates

Submission Deadline November 5, 2023 Notification Deadline December 5, 2023 Registration Deadline December 20, 2024

### **Awards**

Young Scientist Awards Best Student Paper Award **Best Oral Presentation Award Best Poster Award** 



### Scopes

**Energy Conservation** 

**Energy Conversion** 

Fuel Cell Technology

Plasma Technology

Renewable Energy Sources Solar Energy

Water Energy

Wind Energy

POWER TRANSMISSION AND GENERATION

Converters and Inverters

Fault Diagnosis

Grounding and Protection Systems

**HV Power Lines** 

**Network Harmonics** 

Nuclear Energy

Power Distribution

For more please visit: http://www.aeees.org/cfp.html

#### Co-sponsored by











Supported by





















