

2025 IEEE International Conference on Power and Integrated Energy Systems

ICPIES 2025 is sponsored by IEEE China Council and Zhejiang University, hosted by Sanya Global Energy Research Institute and Hainan Institute of Zhejiang University.

Keynote Speakers



Prof. Yusheng Xue

State Grid Electric Power Research Institute, China
Academician of Chinese Academy of Engineering



Prof. Sri Niwas Singh

Director, ABV-Indian Institute of Information Technology and Management,
Gwalior (MP), India
Fellows of IEEE, IET, INAE, IE(I), AAIA, AIIA, IETE, AvH

Organizing Committee

Advisory Chairs

Gerard Ledwich, Queensland University of Technology, Australia
Zhaoyang Dong, City University of Hong Kong, Hong Kong, China
S. N. Singh, India Institute of Technology-Kunpur, India

Conference Chair

Fushuan Wen, Zhejiang University, China

Conference Co-chairs

Donglian Qi, Zhejiang University, China
Wenhu Tang, South China University of Technology, China
Ping He, Zhengzhou University of Light Industry, China
Zhenzhi Lin, Zhejiang University, China
Junhua Zhao, Chinese University of Hong Kong-Shenzhen, China

Technical Program Committee Chairs

Yan Xu, Nanyang Technological University, Singapore
Guo Chen, The University of New South Wales, Australia
Qifang Chen, Beijing Jiaotong University, China
Jin Qiu, The University of Sydney, Australia
Yanli Liu, Tianjin University, China

Technical Program Committee Co-chairs

Weijia Liu, National Renewable Energy Laboratory, USA
Tao Niu, Chongqing University, China
Yaowen Yu, Huazhong University of Science and Technology, China
Chongyu Wang, Illinois Institute of Technology, USA

Local Organizing Chairs

Qin Wang, Hong Kong Polytechnic University, Hong Kong, China
Chunyu Zhang, Taizhou University, China
Zhipeng Liu, Hainan Power Grid Company, China

Local Organizing Committee

Yunfeng Yan, Hainan Institute, Zhejiang University, China
Yulin Chen, Hainan Institute, Zhejiang University, China
Xianbo Wang, Hainan Institute, Zhejiang University, China

Publicity Chairs

Farhad Shahnia, Murdoch University, Australia
Yunhe Hou, The University of Hong Kong, Hong Kong, China
Siqu Bu, Hong Kong Polytechnic University, Hong Kong, China
Jiajia Yang, James Cook University, Australia

IEEE Conference Proceedings



The accepted regular full papers will be published by **IEEE Conference Proceedings**, which will be included in **IEEE Xplore**, and submitted for **Ei Compendex & Scopus** index.

Call for Papers

Power System

- ▶ Power Generation, Transmission and Distribution
- ▶ Distributed Generation and Microgrids
- ▶ Power System Stability, Reliability and Flexibility
- ▶ Trends in Power Electronics and applications
- ▶ Power Electronics and Power Drive
- ▶ Inverter Technology
- ▶ Smart Power Grid

Energy Systems

- ▶ Modelling and Analysis of Multi-vector Energy Systems
- ▶ Energy Internet Architecture and Design
- ▶ Energy Internet AI
- ▶ Combined Heat and Power Generation
- ▶ distributed PowerGeneration
- ▶ Hybrid Energy System
- ▶ Energy Control and Storage
- ▶ Emerging Technologies in Energy System

For more topics: <https://icpies.org/sub.html>

Call for Special Sessions

Special Sessions will be evaluated according to the following criteria: 1. Relevance 2. Timeliness 3. Technical content 4. Novelty 5. Overall Recommendation.

For detailed information: <https://icpies.org/ss.html>

Submission

Online Submission System:

<https://easychair.org/conferences/?conf=icpies2025>

Word Template Download:

https://icpies.org/file/Final_Template.docx

Latex Template Download:

<https://icpies.org/file/conference-latex-template.zip>

Submission Deadline: December 30th, 2024

Conference Awards 🏆🏆🏆🏆🏆

Young Scientist Award
Outstanding Organization Award
Outstanding Reviewer Award
Best Student Paper Award
Best Oral Presentation Award
Best Poster Presentation Award

April 7th, 2025	
10:00-16:00	Registration and Materials Collection
14:00-16:00	Tutorials
16:00-18:00	Committee Meeting
April 8th, 2025	
09:30-12:00	Opening Ceremony & Keynote Speeches
13:30-15:30	Social Event-Sports
16:00-18:00	Best Student Competitions & Oral Sessions
18:00-20:00	Gala Dinner & Award Ceremony
April 9th, 2025	
9:30-12:00	Invited Speeches
13:30-15:00	Social Event-Cultural Experience in Haikou
15:30-18:00	Oral Flash Sessions & Poster Session



Haikou's nickname, "Coconut City" Its coconut tree-lined streets are just the start. Its tropical appeal is further boosted by idyllic beaches, stunning natural landscapes, inviting outdoor bars and eateries, and a balmy climate. Like all old port cities, Haikou

has a long and interesting history. Travellers seeking sun, sand and surf can take their pick. Stretching more than six kilometres, the glorious Holiday Beach is a popular choice for swimming, kayaking and soaking up some rays, while nearby Xixiu Beach is great for windsurfing and sailing.

Qilou Old Street



Qilou Old Street is not just one street, but a clutch of them, famous for their historic 'arcade houses' (qilou). This is the largest area in Haikou where old buildings are preserved, giving rise to an authentic atmosphere. It features a fusion of Asian and European architecture, qilou have ground floors which are set back to make room for an open-air storefront at street level. The storeys above, extending over the sidewalk, provide shelter from the elements. You can walk into some of the old courtyard style buildings and see the original wood work and details.

Hainan Museum



The Hainan Museum is a symbol of the diversity and cultural environment synonymous of the Chinese island of the same name. Home to thousands of objects, countless relics and multimedia elements, the museum opened in November 2008. Once the second phase of the project was concluded, in May 2017, the museum building, considered one of the six most beautiful in Hainan, is divided into different floors that present different content to visitors.

Volcanic Cluster Global Geopark



It's been about 13,000 years since the most recent eruption in Haikou's Rocky Mountains but even without molten lava, the remaining volcanic cluster is mighty impressive. There are around 40 craters (the highest of which clocks in at 223m), amazing lava tunnels, and heaps of caves – all surrounded by lush tropical greenery. This massive park is only 15km from the city centre, yet it feels like a world away.

Temple of Five Lords



One of Haikou's oldest cultural sites, the Temple of Five Lords is a sprawling memorial complex with some eye-catching historic architecture. It was designed as a tribute to five officials from the Tang and Song dynasties who were banished to Hainan after power struggles in their respective imperial courts. Dating back to the 16th century, the Five Lords Ancestral Hall is a striking red building which houses statues of the five lords.

Sponsored by



Hosted by



Contact

Ms. Maggie Xu

▲ E-mail: icpies-conf@outlook.com ▲ Tel: 180 8007 5398 ▲ WeChat: iconf-ee-1

2025年电力与综合能源系统国际会议

ICPIES 2025会议由IEEE, 浙江大学海南研究院、三亚纵横能源研究院联合主办。

报告人



薛禹胜 教授

国网电力科学研究院名誉院长
中国工程院院士

Sri Niwas Singh 教授

印度信息技术与管理学院
IEEE, IET, INAE, IE(I), AAIA, AIIA, IETE, AvH 会

组委会

顾问主席

Gerard Ledwich, 澳大利亚昆士兰科技大学
董朝陽, 香港城市大学
S. N. Singh, 印度坎普爾理工學院

会议主席

文福拴, 浙江大学

会议联合主席

齐冬莲, 浙江大学
唐文虎, 华南理工大学
和萍, 郑州轻工业大学
林振智, 浙江大学
赵俊华, 香港中文大学(深圳)

程序委员会主席

Yan Xu, 新加坡南洋理工大学
Guo Chen, 澳大利亚新南威尔士大学
陈奇芳, 北京交通大学
Jin Qiu, 悉尼大学
刘艳丽, 天津大学

程序委员会联合主席

Weijia Liu, 美国国家可再生能源实验室
牛涛, 重庆大学
俞耀文, 华中科技大学
王崇宇, 美国伊利诺伊理工大学

本地组织主席

Qin Wang, 香港理工大学
Chunyu Zhang, 台州学院
Zhipeng Liu, 海南电网

本地组织委员会

闫云凤, 浙江大学海南研究院
Yulin Chen, 浙江大学海南研究院
Xianbo Wang, 浙江大学海南研究院

宣传主席

Farhad Shahnia, 澳大利亚莫道克大学
Yunhe Hou, 香港大学
Siqi Bu, 香港理工大学
Jiajia Yang, 澳大利亚詹姆斯库克大学

投稿指南

投稿要求: <https://icpies.org/sub.html>在线投稿链接: <https://easychair.org/conferences/?conf=icpies2025>

投稿截止日期: 2024年12月30日



2025年4月7日

10:00-16:00	签到, 领取会议资料
14:00-16:00	讲座
16:00-18:00	组委会会议

2025年4月8日

09:30-12:00	大会开幕式, 主旨报告
13:30-15:30	会议社交活动
16:00-18:00	优秀学生论文竞赛, 口头报告分会场
18:00-20:00	颁奖晚宴

2025年4月9日

9:30-12:00	邀请报告
13:30-15:00	海口文化体验活动
15:30-18:00	口头快报分会场, 海报展示会场

会议奖项



青年科学家奖

最佳学生论文奖

优秀组织奖

最佳口头报告奖

优秀审稿人奖

最佳海报展示奖

IEEE 会议论文集

接受并注册的全文, 完成参会报告后将出版到IEEE会议论集, 收录至IEEE Xplore, 并于会后提交EI核心和Scopus检索。

征稿主题

电力系统

- ▶ 发电、输电和配电
- ▶ 分布式发电和微电网
- ▶ 电力系统稳定性、可靠性和灵活性
- ▶ 电力电子和应用趋势
- ▶ 电力电子和电力驱动
- ▶ 逆变器技术

能源系统

- ▶ 多向量能源系统建模与分析
- ▶ 能源互联网架构与设计
- ▶ 能源互联网人工智能
- ▶ 热电联产
- ▶ 分布式发电
- ▶ 混合能源系统

更多主题, 请参考: <https://icpies.org/sub.html>

专题征集

为促进电力与综合能源系统相关领域的交流, 会议热忱欢迎各位专家学者组建专题, 提案请发送至邮箱: icpies-conf@outlook.com
更多信息, 请访问: <https://icpies.org/ss.html>