



会议指引 | Conference Guidelines

尊敬的各位领导、专家、学者们：

大家好！欢迎来到美丽的广州参加由华南理工大学主办的第四届能源与电力系统国际学术会议（ICEEPS 2025）！

为了您更好地掌握会议信息，敬请认真阅读会议手册。

◆ 注意事项

1. 报到时领取的胸牌为您参会的重要凭证，请您在会议期间佩戴并妥善保管。
2. 报告PPT的播放比例建议为16:9。参加报告的学者，请在会议开始前将您的PPT文件交给相应负责人，并确保能够正常播放。为保护知识产权，本次会议不提供PPT复制服务，如有需要，请直接与报告人联系。
3. 在会议报告进行期间，请将手机调至关闭、静音或震动状态，避免在会场内接听电话；会场内禁止吸烟。同时，请妥善保管个人贵重物品、证件和房卡，自觉遵守法律法规及酒店相关规定，与酒店工作人员保持良好合作。如有任何问题或需要帮助，请随时向佩戴“工作证”胸牌的会务组工作人员咨询。祝您生活愉快，工作顺利！

◆ 会议地点信息

会议酒店：南洋长胜酒店(广州东站天平架地铁站店)
酒店地址：广东省广州市天河区广州大道北兴华路38号
签到地点：会议中心（1楼）
会场地点：会议中心（3楼锦绣厅）
用餐地点：酒店大堂（1楼西餐厅）



◆ 联系我们

会议秘书：陈秘书 13922150143/13711322672
酒店住宿：温经理 15102063952



扫码查看会场指引



会议议程 | Conference Agenda

2025年7月17日 | July 17, 2025

签到地点: 南洋长胜酒店-会议中心 (1楼)

Venue: 1/F Conference Center, Nanyang King'S Gate Hotel

14:00-17:00

签到 | Registration

2025年7月18日 | July 18, 2025

会议地点: 南洋长胜酒店—会议中心 (3楼锦绣厅)

Venue: 3/F Jinxiu Hall, Nanyang King'S Gate Hotel

09:00-09:05

开幕致辞 | Opening Ceremony & Welcome Speech

主讲嘉宾报告环节 | Keynote Speeches

09:05-09:40

刘承锡 教授, 武汉大学

Prof. Chengxi Liu, Wuhan University

Speech Title: Impact and Mitigation of Distribution Network Unbalance on Grid-Connected Converters

09:40-10:15

朱继忠 教授, 华南理工大学

Prof. Jizhong Zhu, South China University of Technology

Speech Title: AI Based Optimal Operation of Power Systems with Renewable Energy

10:15-10:20

会议合照 | Photography

10:20-10:30

茶歇&海报展示 | Tea Break & Poster Session

10:30-11:05

马静 教授, 上海电力大学

Prof. Jing Ma, Shanghai University of Electric Power

Speech Title: Key Technologies and Applications of Dynamic Steady-State Control for High Penetration New Energy Power Systems

11:05-11:40

张昊春 教授, 哈尔滨工业大学

Prof. Haochun Zhang, Harbin Institute of Technology

Speech Title: Artificial Intelligence-Based Optimization of Integrated Nuclear Energy Utilization Systems

11:40-12:15

王飞 教授, 华北电力大学

Prof. Fei Wang, North China Electric Power University

Speech Title: AI-Powered Critical Technologies for Renewable Energy Forecasting and Electricity Market Trading

12:15-13:30

午餐 | Lunch (1楼西餐厅)



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2025年7月18日 | July 18, 2025

会议地点：南洋长胜酒店—会议中心（3楼锦绣厅）

口头分会场 1 | Oral Presentation 1

13:30-13:40	毛田，南方电网科学研究院有限责任公司 Tian Mao, Electric Power Research Institute, China Southern Power Grid Title: Design and Implementation of a Virtual Power Plant Technical Support System Considering Electricity-Carbon Collaboration
13:40-13:50	吕国梁，北京交通大学 Guoliang Lv, Beijing Jiaotong University Title: Study on Adaptive Overcurrent Protection for Distribution Network With Distributed Generations
13:50-14:00	王贺嘉，北京理工大学 Hejia Wang, Beijing Institute of Technology Title: Simulation and Experimental Study on Thermal-Electrical Characteristics of Flexible Thermoelectric Generator
14:00-14:10	朱昌祖，上海交通大学 Changzu Zhu, Shanghai Jiao Tong University Title: Investigation on the Correlation Mechanism Between the Acidity-basicity Scale of Molten Salt and its Properties and Structure During Pyroprocessing
14:10-14:20	陆雨森，上海电力大学 Yusen Lu, Shanghai University of Electric Power Title: A Frequency Active Support Method for Offshore Wind Power System Based on Grid-following Virtual Inertia Control
14:20-14:30	朱兴壮，北京理工大学 Xingzhuang Zhu, Beijing Institute of Technology Title: Modeling and Energy Analysis of Stepped-configuration Thermoelectric Generator System
14:30-14:40	宋佳，上海交通大学 Jia Song, Shanghai Jiao Tong University Title: Full Atomistic Reaction Mechanism with Kinetics for LiCl Reduction on Liquid Sb from Deep Learning Molecular Dynamics
14:40-14:50	休息 Break



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2025年7月18日 | July 18, 2025

会议地点: 南洋长胜酒店—会议中心 (3楼锦绣厅)

口头分会场 2 | Oral Presentation 2

14:50-15:00	彭穗, 广东电网有限责任公司 Sui Peng, China Southern Power Grid Company Limited Title: Reserve Planning for Multi-Area Interconnected Power Systems Using Three-Stage Decomposition-Coordination Based Fast Time-Series Production Simulation
15:00-15:10	崔永东, 哈尔滨工程大学 Yongdong Cui, Harbin Engineering University Title: Adaptive Control of Rail Pressure in High-Pressure Common Rail System Based on RBF-LADRC
15:10-15:20	王雅斤, 北京交通大学 Yajin Wang, Beijing Jiaotong University Title: Modular Multilevel Converter Submodule Protection Scheme Based on Pulse Signal Accumulation Values
15:20-15:30	王城喻, 上海交通大学 Chengyu Wang, Shanghai Jiao Tong University Title: O ² - Affected Corrosion of Nickel-based Alloy in LiCl-KCl Molten Salt for Pyroprocessing of Spent Nuclear Fuel
15:30-15:40	丁晨, 杭州电子科技大学 Chen Ding, Hangzhou Dianzi University Title: Bistable PT-symmetric WPT Relay Systems with Detuned Coupling
15:40-15:50	董嘉陶, 西安交通大学 Jiatao Dong, Xi'an Jiaotong University Title: Research on Signal Polarity Characteristics in Multi-Terminal High-Frequency Pulse Current Detection for Power Transformers
15:50-16:00	杨晨阳, 长安大学 Chenyang Yang, Chang'an University Title: Inverse-Time Overcurrent Protection Algorithm for Solid-State Power Controllers Based on FPGA
16:00-16:10	刘林, 南方电网数字电网集团有限公司 Lin Liu, China Southern Power Grid Digital Grid Group Co., Ltd. Title: Research on Comprehensive Evaluation Weights of Metering Asset Operation Benefits Based on AHP-Entropy Method
16:10-16:30	优秀颁奖&会议落幕 Award Ceremony & Closing Ceremony