

Scan Wechat to follow



Shanghai Jiaotong University,  
Shanghai, China

September 12-14, 2020  
<http://icpre.org/>

2020 The 5th International Conference on Power and Renewable Energy, the annual premier power and renewable energy development meeting, will be held from September 12-14, 2020 in Shanghai Jiaotong University, Shanghai, China again. ICPRE 2020 is organized by Shanghai Jiaotong University, China; co-organized by Shanghai University of Electric Power, China, and technically sponsored by Ginlong(Ningbo) Technologies Co., Ltd. and Shanghai Gcevolution Information Tech., Co., Ltd.. Many universities will also offer the assistant support which is an annual conference in the Asia-Pacific Regions.

**Proceedings:** Accepted papers will be collected in the **IEEE Conference Proceedings**, and then included in **IEEE Xplore**, indexed by **Ei Compendex**, and **Scopus**, etc major databases. The proceedings of ICPRE2016-2019 have been published online and indexed by Ei Compendex and Scopus already.

Co-Sponsored by



## Important Date

- ◆ Submission Deadline: July 30, 2020
- ◆ Abstract Submission: July 15, 2020
- ◆ Notification Deadline: August 13, 2020
- ◆ Camera Ready: September 1, 2020
- ◆ Registration Deadline: August 24, 2020
- ◆ Listener Registration: Sept.10, 2020

## Organizing Committee

### Advisory Chair

Changyun Wen Dr. Prof. Nanyang Technological University (IEEE Fellow)

### Conference Chairs

Zhixin Wang Dr. Prof. Shanghai Jiaotong University  
Daogang Peng Dr. Prof. Shanghai University of Electric Power

### Program Chairs

Kefu Liu Dr. Prof. Fudan University  
Xuelai Zhang Dr. Prof. Shanghai Maritime University

### Program Co-chairs

Axel Sikora Dr. Prof. Offenburg University of Applied Sciences  
Bernhard Hoppe Dr. Prof. Hochschule Darmstadt University of Applied Sciences  
Chengbin Ma Dr. Assoc. Prof. University of Michigan-Shanghai Jiao Tong University Joint Institute (IEEE Senior Member)

### Local Chairs

Lei Wang Dr. Prof. Tongji University  
Guoqing Xu Dr. Prof. Shanghai University

### Award Chairs

Junye Wang Dr. Prof. Athabasca University  
Yi Wang Dr. Prof. North China Electric Power University

### Technical Program Committee

Chengcheng Shao Dr. Assoc. Prof. Xi'an Jiao Tong University  
Chengmin Wang Dr. Prof. Shanghai Jiao Tong University  
Guozhu Chen Dr. Prof. Zhejiang University  
Huaqiang Zhang Dr. Prof. Harbin Institute of Technology (Weihai)  
Jian Yang Dr. Prof. Shanghai University of Engineering Science  
Jun Hu Dr. Prof. Donghua University  
Lie Xu Dr. Prof. University of Strathclyde  
Lin Chen Dr. Prof. Institute of Engineering Thermophysics, Chinese Academy of Sciences  
University of Chinese Academy of Sciences  
Liqun Liu Dr. Prof. Taiyuan University of Science and Technology  
Lixin Ma Dr. Prof. Shanghai University of Science and Technology  
Lizhen Zhang Dr. Prof. Shanghai Ocean University  
Mazhar Hussain Dr. Assoc. Prof. Mehran University of Engineering and Technology  
Rajan Sharma Dr. Prof. Chandigarh University  
Shengyong Liu Dr. Prof. Guangxi University of Science and Technology (Vice Dean)  
Xuefeng Yan Dr. Prof. East China University of Science and Technology  
Yaodong Zhu Dr. Assoc. Prof. Jiaxing University (Vice Dean)  
Yigang Kong Dr. Prof. Taiyuan University of Science and Technology  
Yimin Wang CEO Ginlong(Ningbo) Technologies Co., Ltd.  
Yuan Yuan Dr. Prof. Chongqing University  
Yuanjun Hou CTO Shanghai Gcevolution Information Tech., Co., Ltd.  
Zheng Li Dr. Prof. Hebei University of Science and Technology (Dean)

## Submission Link

Log in the EasyChair Submission System to upload your paper.  
<http://www.easychair.org/conferences/?conf=icpre2020>

## Contact

Conference Secretary: Zeng Xiaoli

Email: [icpre@young.ac.cn](mailto:icpre@young.ac.cn)

Tel: +86-(0)28-87777577

## Keynote Speakers



Prof. Wei-Jen LEE, IEEE Fellow  
University of Texas at Arlington, USA  
President Elect of the IEEE Industry Application Society (IAS)  
Vice Chair, IEEE Power Africa Steering Committee  
Registered Professional Engineer in the State of Texas



Prof. Changyun Wen, IEEE Fellow  
Nanyang Technological University, Singapore  
Associate Editor of Automatica and IEEE Control Systems Magazine  
Distinguished Lecturer of IEEE Control Systems Society.



Prof. Dr.-Ing. Kai Strunz,  
Technical University of Berlin, Germany  
Chairman of the IEEE PES (Power & Energy Society) Subcommittee on Distributed Energy Resources

## Invited Speaker



Assoc. Prof. Chengbin Ma, IEEE Senior Member  
University of Michigan-Shanghai Jiao Tong University Joint Institute, China  
Chair, IEEE Industrial Electronics Society (IES) Shanghai Chapter



Prof. Enrico Zio,  
Politecnico di Milano, Italy  
Associate Editor of IEEE Transactions on Reliability



Prof. Hazlie Mokhlis,  
University of Malaya, Malaysia  
Chair for IEEE Power Energy Society, Malaysia Chapter

## Topic I: Clean and Renewable Energy

- Distributed Generation (DG)
- Energy-Saving Technology
- New Energy Applications
- New Energy Materials and Devices
- Photovoltaic Systems and Solar Energy Engineering
- Renewable Energy Utilizations
- Wind Energy Systems

## Topic II: Power and Energy Engineering

- Active Distribution Networks Technology
- Electric Grid of the Future
- Energy Interconnection, Integrated Energy System
- Energy Storage Technologies and Devices
- Fault Monitoring and Predictive Maintenance
- Power Systems and Automation
- UHV AC/DC Transmission
- Virtual Power Plant
- VSC-HVDC