

# ICPRE 2021

## 2021 The 6th International Conference on Power and Renewable Energy



Shanghai, China  
September 17-20, 2021

### Basic information

2021 The 6th International Conference on Power and Renewable Energy, the annual premier power and renewable energy development meeting, will be held from September 17-20, 2021 in Shanghai University of Electric Power, Shanghai, China. ICPRE 2021 is sponsored by Shanghai Jiaotong University and Shanghai University of Electric Power; technically co-sponsored by Power and Energy Society and Industrial Application Society.

ICPRE is an annual conference in the Asia-Pacific Region that attracts industry practitioners, policy makers and researchers to share and exchange the experiences, ideas and technologies on power and renewable energy. Interest in Power and Renewable Energy with novel achievements has remarkably increased in recent years. ICPRE welcome you to submit the papers that could be included in two main topics—Clean and Renewable Energy as well as Power and Energy Engineering by following general topics, but not limited to this.

### COMMITTEE

#### Advisory Chairs

Wei-Jen LEE	Dr. Prof.	University of Texas at Arlington, USA (IEEE Fellow)
Jian Sun	Dr. Prof.	Rensselaer Polytechnic Institute, USA (IEEE Fellow)
Changyun Wen	Dr. Prof.	Nanyang Technological University, Singapore (IEEE Fellow)

#### Conference Chair

Zhixin Wang	Dr. Prof.	Shanghai Jiaotong University, China
-------------	-----------	-------------------------------------

#### Conference Co-Chair

Daogang Peng	Dr. Prof.	Shanghai University of Electric Power, China
--------------	-----------	--

#### Program Chairs

Xuelai Zhang	Dr. Prof.	Shanghai Maritime University, China
Yi Wang	Dr. Prof.	North China Electric Power University, China
Guoqing Xu	Dr. Prof.	Shanghai University, China

#### Program Co-Chairs

Hui Chen	Dr. Assoc. Prof.	Shanghai University of Electric Power, China
Bernhard Hoppe	Dr. Prof.	Hochschule Darmstadt University of Applied Sciences, Germany
Axel Sikora	Dr. Prof.	Offenburg University of Applied Sciences, Germany (IEEE Senior Member)

#### Local Chairs

Chengbin Ma	Dr. Assoc. Prof.	University of Michigan-Shanghai Jiao Tong University Joint Institute, China (IEEE Senior Member)
Lei Wang	Dr. Prof.	Tongji University, China

#### Award Chairs

Kefu Liu	Dr. Prof.	Fudan University, China
Junye Wang	Dr. Prof.	Athabasca University, Canada

#### Publicity Chairs

Brahim Aïssa	Dr. Assoc. Prof.	Université du Québec, Canada
Hazlie Mokhlis	Dr. Prof.	University of Malaya, Malaysia
Katarzyna Świercz	Dr.	Military University of Technology, Poland
Enrico Zio	Dr. Prof.	Politecnico di Milano, Milan, Italy

#### Technical Program Committee

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

### KEYNOTE SPEAKERS



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



Prof. Saifur Rahman, IEEE Life Fellow  
Virginia Tech, Arlington, VA, USA  
Director, Virginia Tech Advanced Research Institute, USA  
President, IEEE Power & Energy Society, 2018 and 2019



Prof. Jian Sun, IEEE Fellow  
Professor, Department of Electrical, Computer and Systems Engineering  
Director, Center for Future Energy Systems  
Rensselaer Polytechnic Institute, USA  
Editor-in-Chief of IEEE Power Electronics Letters from 2008 to 2014

### PROCEEDINGS



Accepted papers will be included in IEEE conference proceedings, submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements and indexed by EI Compendex and Scopus, etc.

### INDEXING HISTORY

The proceedings of ICPRE2020 (ISBN:978-1-7281-9026-6) included in IEEE Xplore. Indexed by EI & Scopus.

The proceedings of ICPRE2019 (ISBN:978-1-7281-4574-7) included in IEEE Xplore. Indexed by EI & Scopus.

The proceedings of ICPRE2018 (eISSN: 2267-1242) included in E3S. Indexed by EI & Scopus.

The proceedings of ICPRE2017 (ISBN:978-1-5386-2156-1) included in IEEE Xplore. Indexed by EI & Scopus.

The proceedings of ICPRE2016 (ISBN:978-1-5090-3068-2) included in IEEE Xplore. Indexed by EI & Scopus.

### IMPORTANT DATES

- Submission Deadline:** April 15, 2021
- Notification Deadline:** May 10, 2021
- Registration Deadline:** May 30, 2021
- Listener Registration:** September 10, 2021

### TOPIC

#### 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

### SUBMISSION METHOD

Log in the EasyChair Submission System to upload your paper  
<http://www.easychair.org/conferences/?conf=icpre2021>

### Contact Us

Secretary: Zeng Xiaoli  
E-mail: [icpre@young.ac.cn](mailto:icpre@young.ac.cn)  
Website: <http://icpre.org/>  
Tel: +86-1348222225



Scan wechat to contact us

Co-sponsors

Patrons

