



## 2018 International Conference on Smart Grid and Clean Energy Technologies

29 May – 1 June 2018, Universiti Tunku Abdul Rahman, Kuala Lumpur, Malaysia

<http://www.icsgce.com>

### Call for Papers

IEEE 2018 (7th) International Conference on Smart Grid and Clean Energy Technologies (**ICSGCE 2018**), with its Special Session on Energy Efficient Technology (SS-EET), will be held in 29 May – 1 June 2018 at Universiti Tunku Abdul Rahman (UTAR), Kuala Lumpur, Malaysia. **ICSGCE** is an annual conference which aims at bringing together participants from academia, industry, engineering, and administrative organizations around the world to exchange novel ideas, discuss innovative designs, explore enabling technologies and open problems, and share field trial experiences in smart grid and clean energy areas. **ICSGCE** has been an active platform since 2011, which provides participants to establish business or research relationships and to find the partners for future collaboration.

**ICSGCE 2018** is technically sponsored by IEEE (Malaysia Section PE Chapter). It is hosted and sponsored by Universiti Tunku Abdul Rahman (Malaysia). Also, the conference is supported by University of Electronic Science and Technology of China (China), CRES (China Renewable Energy Society), American University of Sharjah (UAE), and Offenburg University of Applied Sciences (Germany). **ICSGCE 2018** will deliver on brilliant keynote speeches and special sessions on smart grid and new energy evolution. All the activities will be announced at <http://www.icsgce.com>.

All papers submitted to **IEEE ICSGCE 2018** will be peer-reviewed by the Technical Program Committee and prospective colleagues actively in the fields. All papers presented at the conference will be included in the Proceedings of ICSGCE 2018, which will be submitted to IEEE and reviewed by the IEEE Conference Publication Program for publication in IEEE Xplore.

The Conference Organizing Committee invites prospective colleagues to submit papers in English, prepared by the conference templates. Authors are required to submit **both .doc files and .pdf files** of their papers via the Online Submission System.

IEEE ICSGCE 2018 scope covers, but not limited to, the following topics:

#### Smart Grid Architectures

- National/Global Energy Interconnection
- Smart Grid Strategy, Planning, and Standards
- Smart Grid Architectures and Models
- Smart Grid Security and Reliability Management
- Smart Grid Demand Response and Market Operations
- Integration of Distributed Resources
- Large-Scale Energy Storage
- Large Power Grid Safety Control
- Energy Transfer and Interactive Technology
- Smart Grid Cyber & Physical Security
- Smart Grid Networking and Communications
- Communication-Based Control and Protection
- Smart Grid Technologies and Equipment
- Smart Grid Implementation and Field trials
- Smart Grid Load and Energy Management
- Smart Grid Testing and Assessing Technologies
- Smart Sensors and Advanced Metering Infrastructure

#### Clean and Renewable Energy

- Photovoltaic Systems and Solar Energy Engineering
- Wind Energy Generation
- Renewable Energy Grid
- Renewable Energy Utilizations
- Electric Vehicles and Vehicle-to-Grid (V2G)
- Energy-Efficient Technologies
- New Energy Materials and Devices

#### Power and Energy Engineering

- Electricity Market and Power System Economics
- Power Generation, Transmission and Distribution
- Energy Storage and Distributed Energy Resources
- Intelligent Monitoring and Outage Management
- Fault Monitoring and Predictive Maintenance
- High Voltage Systems and HVDC and FACTS Devices
- Power Electronics and Drives
- Related Topics

#### Important Date Deadline

Full Paper Submission	31 Dec. 2017
Notification of Acceptance	20 Feb. 2018
Final Submission and Registration	20 Mar. 2018
Conference Dates	29 May - 1 June 2018

#### Conference Organizing Committee

Advisory Co-Chairs:	Prof. Danny Sutanto, University of Wollongong, Australian, ( <i>IEEE Senior Member</i> ) Prof. Chen-Ching Liu, Washington State University, USA ( <i>IEEE Fellow</i> )
Conference Co-Chairs:	Prof. Yun Seng Lim, Universiti Tunku Abdul Rahman, Malaysia ( <i>IEEE Senior Member</i> ) Prof. Qi Huang, Univ. of Electronic Sci. and Tech. of China, China ( <i>IEEE Senior Member</i> )
Local Committee	Dr Jianhui Wong, Universiti Tunku Abdul Rahman, Malaysia Dr. Kein Chua, Universiti Tunku Abdul Rahman, Malaysia
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