

## CALL FOR PAPERS

IEEE Power & Energy Society and CSEE (Chinese Society of Electrical Engineering) have reached an agreement on co-organizing the IEEE Sustainable Power & Energy Conference (iSPEC). Parallel with the IEEE PES General Meeting in North America every summer, iSPEC will be held every winter. The iSPEC 2019 will be held November 21-23, 2019 in Beijing, China. The theme of the meeting is: **“Grid Modernization for Energy Revolution.”**

We warmly invite the scholars, professors, engineers and students in the field of power & energy to submit your research papers to iSPEC 2019. The iSPEC will bring together practicing power engineers and academics from all over the world. The aim of the conference is to provide an international forum for experts to promote, share, and discuss various issues and developments in the field of power & energy.

**The conference organizing committee invites contributions in all areas related to power and energy technologies, including (but not limited to) the following:**

### High renewable energy penetration

- Uncertainty analysis, modeling, and forecasting for renewables and demands
- Planning and operation of power systems with renewables
- Stability, reliability, and resilience of power systems with high renewables and power electronics penetration
- Electricity market and business models,
- Evolution roadmap of power networks towards high renewables

### Cyber-physic-society coupling

- Information and Communication Technologies (ICT)
- Cyber-physical security
- Software defined power and energy systems
- Social behavior analysis for power system participators

### Flexible resources and end-user demand

- Distributed generation
- Distributed energy storage
- Demand response and electric vehicle charging/discharging
- Micro-grids and nano-grids
- Distributed energy market

### Emerging technologies applications

- Machine learning and big data analytics
- Blockchain for distributed applications
- 5G network and communication
- Cloud computing and edge computing

### Multiple energy systems (MES) integration

- Power-heat-gas systems integration
- Power-transportation system integration
- Energy-water-environment nexus
- Advanced methods for MES modeling, planning, and operation

# 2019 iSPEC Information for Paper Submission, Presentation & Publication

## 1. Conference Paper Submission Requirements

Papers (maximum length 6 pages) must be prepared in accordance with the IEEE templates (word or latex), available on the Conference Website. Full papers must be submitted to the on-line submission and review site. The papers must include the detailed contact information of authors, especially the name, affiliation, telephone, fax, email and correspondence address of the first author.

Full paper submission	Jul 01, 2019
Notification of acceptance/ rejection	Aug 01, 2019
Presentation submission	Sep 20, 2019

Conference Website : <http://www.ieee-spec.com/2019>

## 2. Presentation of Conference Papers

The accepted conference papers will be scheduled for presentation at the oral/ poster session. Presentation of an accepted paper at the conference is a requirement of publication. Any paper that is not presented at the conference will not be included in IEEE Xplore and indexed by Ei Compendex.

A few of the accepted conference papers will be selected to be presented in the Best Conference Paper Sessions. Author(s) will be notified if their papers are selected for this presentation and allowed to present their paper(s) in given time. (Please note: No questions or discussion will immediately follow the presentations. The authors will be available for questions on their papers at the poster session. Authors must prepare a poster for the session.) Some additional conference papers will be selected to be presented in Paper Forum Sessions. Author(s) will be allowed to present their paper(s) in given time. A poster session in the same room will immediately follow the presentations where the authors will be available for discussion on their paper. Authors must prepare a poster. Authors will be notified if their papers are selected for this presentation.

**Guidelines for preparing PowerPoint slides can be found on the Conference Website:** <http://www.ieee-spec.com/2019>.

## 3. Prize Conference Paper

A few of the best conference papers will be chosen and recognized as iSPEC Prize Papers. These papers and authors will be identified at the specified poster session and the authors will receive a letter of recognition.

## 4. Conference Registration

At least one author of each accepted conference paper for presentation must register for the meeting and pay the appropriate fee. Conference papers will not be released for publication in the 2019 iSPEC Proceedings or scheduled for presentation unless the fee is paid. Note: Registration deadline for authors may be earlier than the general registration deadline. Additional information about the meeting will be posted as it becomes available on the Conference Website at <http://www.ieee-spec.com/2019>.

## 5. Panel Sessions

Panelists will not be required to write summary papers to participate in panel sessions. Only PowerPoint presentations are required; they must be on the PES PPT template. Information on submitting PowerPoint presentations and the PES PPT Template will be provided to panelists closer to the meeting.

## 6. Secretariat of iSPEC 2019 Conference

**Secretariat :**

**Energy Internet Research Institute, Tsinghua University**

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