

Call for proposal

International Conference on Renewable Power Generation

Invited Session on Renewable Energy in Smart Cities Empowered by AI Technologies



International Conference on
Renewable Power Generation



About the conference

The International Conference on Renewable Power Generation (RPG) is one of the IET's most successful international events, with the 8th edition will be held on 24 & 25 October 2019 in Shanghai, China. Leaders in this field are invited as keynote speakers for the conference and shared their latest research findings and industry experience with the audience. A special issue of the IET Renewable Power Generation Journal will be published based on the best paper selected from the conference (enrich content by 30% from the proceeding paper).

About the invited session

The purpose of this invited session on Renewable Energy in Smart Cities Empowered by AI Technologies is to take the opportunity to introduce current developments, the progress, and the advancements of not only the technical elements of the renewable in smart cities but also the innovative artificial intelligence techniques combined with the domain knowledge of smart energy systems, from both theoretical and practical perspectives.

The invited session welcomes new studies of AI techniques related to renewable energy and smart cities in the following fields (but not limited to these fields):

- New smart energy system with high renewable penetration design and analysis
- Impact of AI technologies on smart renewable energy system and smart cities
- Renewable power generation modeling, prediction, management, and control
- Enhanced security and safety in smart renewable energy system and smart cities
- Sensors and sensing technologies
- Intelligent infrastructure for smart renewable energy system and smart cities

Technical scope of RPG 2019 is available at <http://rpg2019.events.theiet.org.cn/>

The IET guarantees that successful authors will:

- Presented at RPG 2019 in either oral presentation or poster display
- Published on IET Digital Library
- Indexed by IET Inspec, IEEE Xplore and submitted to Ei Compendex for consideration for indexing

How to submit

- Prospective participants and authors with papers published on RPG 2019 should submit paper abstract via the conference website
 - Prospective papers at the invited session should select *(Invited) Renewable energy in smart cities empowered by AI technologies* in the last step of submission
- Authors with paper abstracts accepted should submit the full paper for peer-reviewing via the conference website
- Authors with full papers accepted should register and present the research at the conference

Detailed submission guide is available at <http://rpg2019.events.theiet.org.cn/>

Important dates

- Abstract submission deadline 18 March 2019
- Notification of abstract acceptance 22 April 2019
- Submission of full papers 03 June 2019

Submission system and template is available at <http://rpg2019.events.theiet.org.cn/>

Invited session chair

- James Yu https://cse.sustc.edu.cn/cn/people/view/people_id/108/sort_id/9/pid/
- Yunhe Hou <https://www.eee.hku.hk/~yhhou/>