

RPG 2025

Invited Session Call for Papers

The 14th International Conference on
Renewable Power Generation

24-26 October 2025 | Shanghai, China

Full Paper Submission Deadline: 05 June 2025 | <https://rpg2025.theiet.org.cn/>

Session Chair:

- Session Chair: Ying HUANG, Zhejiang University
- Co-Session Chair: Yuanyuan SUN, Shandong University
- Co-Session Chair: Jie YAN, North China Electric Power University

Invited Session on:

08. Grid Integration Control of Wind Turbine Generators --- A dedicated session tribute to the women in renewable power sector

Renewable energy is crucial for global energy supply as it provides a clean and sustainable source of energy that helps reduce greenhouse gas emissions and protect the environment. Wind power is a key renewable energy source. Studying the grid connected control of wind turbines is of great significance for improving wind energy utilization efficiency, ensuring stable operation of the power grid, and promoting the widespread application of clean energy. It is the key to achieving energy structure transformation and promoting sustainable development. In the rapidly advancing wave of technology in the field of renewable energy, the power of female engineers is becoming increasingly prominent. The aim of this conference is to create an inclusive environment that promotes communication and collaboration among female engineering scholars, enabling them to share experiences, exchange knowledge, and access resources that promote professional growth.

Topics of the Session include, but not limited to:

- Wind farm operation control strategy
- Grid access control technology for wind power generation
- Technology and Challenges of Wind Energy Grid Integration
- The role and function of female engineers in the development of renewable energy

Session Chair: Ying HUANG, Zhejiang University

Chair's Bio:

Ying Huang, professor and Vice Dean at the Electrical Engineering college of Zhejiang University. She is a Chair of IEEE PCCC WIP, an IET licensed engineer, a senior member of IEEE, a member of the National Technical Committee for Standardization of DC Transmission Equipment. Her research focuses on the analysis of new AC/DC power systems, new transmission technologies, and active support technologies for new energy. Received one special prize and one first prize of the National Science and Technology Progress Award; Received multiple provincial and ministerial level science and technology awards, China Electric Power Science and Technology Progress Award, and first prize of China Machinery Industry Science and Technology Award; published more than 60 scientific papers and more than 60 invention patents and software copyrights. Awarded honors such as National Women's Merit Model, China Electric Power Science and Technology Outstanding Contribution Award, Outstanding Young Engineer Award, etc..

BENEFITS OF SUBMITTING

- Successful Authors will receive **10% off the Adult Registration Fee** (early bird or standard registration) Please use code **INVITED25** during registration
- Accepted paper will be published in the RPG 2025 conference proceeding
- Accepted paper will be published on **IET Digital Library** and indexed by **IET Inspec, Scopus, IEEE Xplore and Ei Compindex**
- Around 30 papers from the conference will be awarded the Best Conference Paper prize and will be invited to submit an extended version to IET renewable Power Generation Journal (open access journal, APC fee applies)