

Title: CFP for 1st IEEE Conference on Energy Internet and Energy system Integration (EI² 2017)

The 1st IEEE Conference on Energy Internet and Energy system Integration (EI² 2017) will be held from November 26 to 28 in Beijing, China.

EI² 2017 embraces innovative technologies and practical implementations about 2 EIs (EI² in abbreviation)-- “**Energy Internet**” and “**Energy System Integration**”, which can be interpreted as multiple energy-supplies (heating, cooling, electricity, gas, transportation, *etc*) coupling system or energy system deeply enrolled with information technology (especially the Internet) and the concept of sharing economy. The conference aims to promote the interconnection, openness, sharing and coordination of various energy resources and shaping a green, low-carbon, efficient and low-cost energy ecosystem.

Topics

The technical topics within the scope will include, but are not limited to:

- Modelling, simulation and design of EI²
- Planning, operation and control of EI²
- Energy management of EI²
- Emerging key facilities of EI²: energy router, energy Hub, energy storage, electrical vehicles, wireless energy transfer, DC networks, etc
- Enable techniques on information and communication for EI²: cloud computing, big data, Internet of things, artificial intelligence, blockchain, etc
- Cyber-physical system and cyber security for EI²
- Global energy interconnection
- Urban energy transition, energy internet supporting smart cities
- Business model, market and corresponding energy policies for EI²
- Demonstrations of EI²

Paper submission

Papers are invited from research scholars, academicians and industry personnel. The manuscript should contribute original research ideas, development areas, result analysis, research based findings, etc.

Papers submitted to the conference should be in English. Authors should submit papers reporting original work that have not been published earlier, accepted for publication, or presently be under consideration for publication elsewhere. Papers submitted to the conference should be written as per the IEEE double column format and not exceed 6 pages. Submission will be electronic in both PDF and Word format through the Easy Chair system at: <https://easychair.org/cfp/IEEE-EI2>. For further information, please refer to conference web site: <http://www.ieee-ei.org>.

Accepted and presented papers will be submitted for inclusion in the **IEEE Xplore online digital library** and EI index. The program committee will recommend some high-quality papers to CSEE Journal of Power and Energy Systems (<http://www.csee.org.cn/data/CSEE JPES/>).

Important dates

Submission deadline: **Oct 20, 2017**

Notification of acceptance: **Oct 25, 2017**

Early registration closes: Nov 5, 2017

Contact

For additional information, please visit the website for the conference: www.ieee-ei.org.

Please contact us via email: info@ieee-ei.org or ieee-ei@tsinghua.edu.cn.

Looking forward to seeing you all in Beijing in November 2017.

Conference Chairs

Hongbin Sun (General Chair, China)

Jinyue Yan (Co-Chair, Sweden)

Jianhui Wang (Co-Chair, USA)