

Track 13. Green Communication Systems & Networks

The goal of this track is to promote significant theory and technology advances in green communication systems and networks. The papers in this track may includes new technologies, concepts and principles toward the energy-efficient, power-saving and sustainable communication systems and networks.

Topics

- ▶ Energy-efficient communications, computing and networking for 6G and beyond
- ▶ Energy harvesting, reconfigurable intelligent surfaces, backscatter communication and simultaneous wireless information and power transfer technologies
- ▶ Green AI and machine learning for communications and networks
- ▶ Energy efficiency and power minimization optimization in communications and networks
- ▶ Environmentally-aware designs of communications and networking
- ▶ Green storage, cloud and edge computing, and data centers
- ▶ Green optical communications, switching and networking
- ▶ Renewable power at the service of data centers, edge, fog and cloud computing and networking
- ▶ Energy-efficient IoT and aerial communication systems
- ▶ Experimental test-beds and field trials for green communications and computing

Track Chairs**Fuliang Li***Northeastern University, China***Wei Quan***Beijing Jiaotong University, China***Jianhua Tang***South China University of Technology, China***Submission Instruction****Submission Link:**

<https://easychair.org/conferences/?conf=icct2025> and select *Track 13*

Template Paper (Word):

<https://www.ieee-icct.org/IEEEtemplate-word.doc>

Template Paper (LaTeX):

<https://www.ieee-icct.org/ieee-conference-latex-template.zip>

Important Dates

Paper Submission Deadline: May 25, 2025

Notification of Acceptance: June 25, 2025

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