

Call for Papers – IEEE ICCET 2025

Theme: Space–air–ground–sea integrated network techniques for 6G

In the coming sixth generation (6G) communication era, space–air–ground–sea integrated networks (SAGSIN) are envisioned to connect satellite, aerial, ground, and sea networks to provide seamless and ubiquitous connections. However, the challenges posed by the SAGSIN including large-scale scenarios, highly dynamic channels, limited device capabilities, secrecy, user privacy, and the data transmission timeliness requirements —demand continuous research efforts.

The goal of this theme is to advance SAGSIN research by combining diverse expertise and fostering collaboration to promote the SAGSIN technologies. The track aims to foster cross-disciplinary collaboration and promote the development of innovative, ethically sound, and domain-specific solutions that can enhance the design and development of SAGSIN techniques for 6G system.

Topics of Interest

We welcome submissions that address, but are not limited to, the following areas:

- UAV-based IoT Networking Techniques for 6G.
- Energy-Efficient Design Issue in SAGSIN.
- Physical-Layer Security Techniques in SAGSIN.
- Distributed Data Computing and Storing Techniques in SAGSIN.
- Resource Management and Allocation Techniques in SAGSIN.
- AI-driven Resource Allocation, Management, Optimization and Decision-making.
- Massive Access Schemes for Satellite-enabled IoT.
- Sensing and Communication for Integrated Ground-Space Networks.
- Mobility and handover management for Integrated Ground-Space Networks
- Low-Altitude Economy Oriented SAGSIN Design.

Submission Guidelines

Papers should present original interdisciplinary research work, practical innovations, or theoretical developments that address the challenges in multi-scale communication systems. Submissions must adhere to IEEE’s standard conference template and should not exceed 9 pages in double-column format, including figures, tables, and references.

Track Chairs

Dr. Qingchun Chen, Guangzhou University

Dr. Mingquan Cheng, Guangxi Normal University

Dr. Yue Li, Guangzhou University