

6G-SATCOM 2027

2027年6G与卫星通信国际会议

主办单位：北京交通大学、雄安空天信息研究院

河北 · 雄安

2027年8月

2027 International Conference on 6G and Satellite Communication

Xiong'an, China
August, 2027

Organized by Beijing Jiaotong University, and Xiong'an Aerospace Information Research Institute, the 2027 International Conference on 6G and Satellite Communication (6G-SATCOM 2027) is a leading international forum dedicated to advancing innovation and integration in next-generation terrestrial and non-terrestrial networks. Focusing on the synergy between 6G networks and satellite systems, 6G-SATCOM 2027 will cover topics such as integrated terrestrial-satellite architectures, Space-Ground Integrated Networking and Protocols, spectrum sharing, and emerging applications in remote sensing, maritime connectivity, disaster recovery, and broadband access. By fostering cross-sector collaboration, the conference aims to bridge research, industry, and policy—promoting scalable, secure, and inclusive solutions that enhance network performance, spectral efficiency, and digital equity in the 6G era.

PAPER PUBLICATION

Registered and presented full papers will be included in the 6G-SATCOM 2027 digital conference proceedings and submitted to major citation databases (including, but not limited to Ei Compendex and Scopus) for review and indexing.

Compendex on Engineering Village Scopus

IMPORTANT DATES

- Abstract Submission Due: February 7, 2027
- Full Paper Submission Due: February 21, 2027
- Author Notification Due: April 18, 2027
- Registration Due: June 2, 2027
- Camera-ready Submission Due: July 2, 2027

CALL FOR PAPERS

Topics of Interest include but are not limited to:

6G STIN Architecture and Technologies

- SDN/NFV Space–Ground Integration Architectures
- Satellite–Terrestrial Air Interface Optimization

Space-Ground Integrated Networking and Protocols

- Dynamic Inter-Satellite Routing Protocols
- Delay-Tolerant Networking (DTN) Architecture

Advanced Air Interface Transmission

- OTFS High-Mobility Waveform Design
- Massive MIMO Beamforming RIS SatCom

PNT and ISAC Integration

- Integrated Communication Navigation Technologies
- Satellite–Terrestrial Joint Communication Sensing

Resource Mobility Network Optimization

- LEO Mobility Handover Service Continuity
- Network Slicing Differentiated Services

Security Standardization Policy Applications

- Cybersecurity Privacy Trust Management
- Quantum-Resistant Cryptography Quantum Communication

ORGANIZED BY:

北京交通大学 BEIJING JIAOTONG UNIVERSITY 1896

雄安空天信息研究院
Xiong'an Aerospace Information Research Institute

SUBMISSION

Online Submission System

1. Manuscripts submitted to the conference should be written in English only.
2. Manuscripts submitted to the conference should follow the template provided: Full Paper Template, Abstract Template
3. Manuscripts can be submitted in Doc, Docx and PDF format.
4. Oral or Poster presentations should be nominated while submitting an abstract.
5. The ordinary length is suggested no less than 5 pages, including all figures, tables, references, and appendices. If the paper exceeds 5 pages, the additional pages will be charged at the time of registration.

Committee

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Email: contact@6g-satcom.org (for registration or submission)