Edge AI & AI-Native for Space–Air–Ground Networks in 6G: Consumer-Centric, Resilient, and Trustworthy Communications

This workshop provides a multidisciplinary forum bridging communications, consumer electronics, AI, optimization, and security, focusing on QoE-driven, trustworthy, and adaptive networking for real-world applications.

TOPICS OF INTEREST

AI, Edge Intelligence & Autonomous Networking: Edge AI for SAGIN/NTN; AI-native network architectures; federated and split learning; TinyML and on-device AI; edge LLMs and agentic AI for networking; autonomous and self-organizing systems; AI-driven optimization and control

Consumer-Centric Communication: QoS/QoE-aware networking; context-aware and personalized services; smart homes, IoT, AAL systems; wearable and personal communications

NTN & Space-Air-Ground Integrated Systems: Satellite–terrestrial integration; UAV/HAPS-assisted networks; hybrid indoor–outdoor–space connectivity; seamless mobility, handover and multi orbit coordination

Emerging 6G Technologies & Architectures: AI-driven ISAC; semantic communications; AI-RAN; mmWave/THz communication; AR/VR/xR applications; edge/cloud-native architectures; ultra-low latency and high data-rate systems

Resilience, Sustainability & Thursworthy Networking: Resilient and fault-tolerant networks; energy-efficient and green communications; cybersecurity for consumer networks; privacy-preserving AI/ML; zero-trust IoT and secure communication system

HONORABLE CHAIRS

Shigeru Shimamoto *(Waseda University, Japan)* & ***Ohtsuki Tomoaki*** *(Keio University, Japan)*

GENERAL CHAIRS

Octavia A. Dobre *(Memorial University, Canada).* Tel: +1-709-864-8000. Email: odobre@mun.ca

Haejoon Jung *(Kyung Hee University, South Korea).* Tel : +82-31-201-2114. Email : haejoonjung@khu.ac.kr

Zhenni Pan *(Waseda University, Japan).* Tel: +81-3-5286-3000. E-Mail: zhenni.pan@aoni.waseda.jp

Tu Dac Ho *(NTNU, Norway).* Tel : +47-9300 6185. Email : tu.d.ho@ntnu.no

IMPORTANT DATES

Submission: 19 October 2026 | Notification: 10 November 2026 | Camera-ready: 23 November 2026
Workshop: Jan 9 or 12, 2027 (IEEE CCNC 2027)

SUBMISSION GUIDELINES

Authors are invited to submit original unpublished papers (max 6 pages, IEEE format). All submissions will undergo peer review. Accepted papers will be presented and published in IEEE CCNC 2027 Proceedings and IEEE Xplore.