BalkanCom 2025 -

Eighth International Balkan Conference on Communications and Networking
June 17-20, 2025, Piraeus, Greece

CALL FOR PAPERS – STUDENT SESSION

BalkanCom 2025 is pleased to host a dedicated student session, a vibrant forum where potential future researchers can showcase their cutting-edge research, network with renowned academics and industry experts, and immerse themselves in the latest innovations in the field – all in a friendly and professional setting. BalkanCom 2025 will take place on June 17-20, 2025 in Piraeus, Greece.

In order to submit a paper to the Student Session, **the first author and the presenter of the paper must be a student**. BalkanCom will support the students whose full student paper or extended abstracts are selected to be presented at the conference.

Student session accepts extended abstracts on but not limited to the following topics:

- Communication and information theory
- Optical wireless communication
- 6G and AI native networks
- Next-generation networking and Internet
- Aerial, mobile and wireless networks
- IoT and sensor networks
- Digital Twin
- Green Communication Systems & Networks
- Machine learning for communications and networking
- Molecular, biological and multi-scale communications
- Data-driven network design and optimization
- Quantum communications
- Signal processing for communications
- Mm-wave and Terahertz communications
- Reconfigurable intelligent surfaces and smart environments
- Integrated sensing and communications
- Satellite and space communications
- Cloud/edge/fog computing, networking, and data
- Computing continuum and communications
- Communications for e-Health, smart agriculture, etc.
- Communications for the metaverse

- Cross-layer modelling, design, and optimization
- Software-defined networking and network softwarization
- Open Radio Access Networks (O-RAN)
- Network Function Virtualization (NFV)
- Programmability for Time-Sensitive Networks
- Network slicing and slice management
- Network orchestration
- Methodologies for network softwarization (DevOps, NetOps, Verification).
- Localization, tracking, and context-aware wireless communication
- Communications for smart infrastructures
- Resilient communications for critical infrastructures
- Public safety communications
- Information and Communication Technologies for Disaster Management
- Security, Privacy and Blockchain technology for communications
- Communication in social networks
- Connected cars, intelligent transportation, smart grids
- Open research and experimentation facilities and testbeds

References and guidelines

Submissions to the student session can be **either full papers**, not exceeding 5 pages, **or extended abstracts** of up to 2 pages. Both should be formatted in IEEE double-column style, including figures and references, and submitted via **EDAS. Only the full 5-page papers will be considered for inclusion in IEEE Xplore, subject to meeting IEEE Xplore's scope and quality requirements**. Extended **abstracts** of 2 pages will be **presented exclusively** at the conference. BalkanCom reserves the right to exclude any paper from distribution after the conference if it is not presented during the event.

Student Session Chairs
Gordana Gardašević, University of Banja Luka, Bosnia and Herzegovina
Petros Nikopolitidis, AUTH, Greece

Important Dates
Paper submission deadline: April 4, 2025
Notification of acceptance: April 28, 2025
Camera-ready papers due: May 5, 2025