

BalkanCom 2024 - AI-enabled Fluid Connectivity

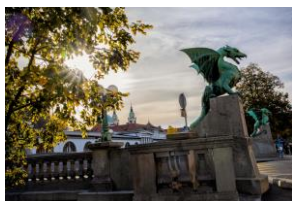
Seventh International Balkan Conference on Communications and Networking

3-6 June 2024 in Ljubljana, Slovenia



CALL FOR PAPERS

BalkanCom is a premier technical conference in communications and networking in the Balkan region. The goal of BalkanCom is to bring together researchers from academia, research labs and industry from all over the world to the geographical and historical region of the Balkans. BalkanCom 2024, with the theme AI-enabled Fluid Connectivity continues the best tradition of scientific conferences of being completely not for profit. The seventh edition of the conference will take place on 3-6 June 2024 in Ljubljana, Slovenia.



We solicit technical papers describing original, completed, and unpublished work not currently under review by any other journal/magazine/conference. Topics of interest include, but are not limited to:

- Communication and information theory
- 6G and AI native networks
- Next-generation networking and Internet
- Aerial, mobile and wireless networks
- IoT and sensor networks
- Green Communication Systems & Networks
- AI and 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
- Wireless optical computing and communications
- Cloud/edge computing, networking, and data
- Computing continuum and communications
- Cross-layer modeling, design, and optimization
- Software defined networking and network softwareization
- 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 softwareization (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 and Blockchain technology for communications
- Communication in social networks
- Connected car, intelligent transportation, smart grids
- Communications for e-Health, smart agriculture, etc.
- Communications for the metaverse
- Open research and experimentation facilities and testbeds

Submission Guidelines

Submissions must be full papers, no longer than 6 pages in **IEEE double-column format**, including figures and references, and submitted via **EDAS**. **The peer review is single blind, with minimum three reviewers assigned per paper and accepted papers will be submitted for inclusion into IEEE Xplore**. BalkanCom reserves the right to exclude a paper from distribution after the conference, if the paper is not presented at the conference.

Important Dates

Paper submission deadline: February 16, 2024 March 1, 2024

Notification of acceptance: April 8, 2024

Camera-ready papers due: April 26, 2024

Best papers will be invited for a special issue of the **ITU-JFET Journal**.

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