

CALL FOR PAPERS

BalkanCom 2023

Sixth International Balkan Conference on Communications and Networking

Istanbul, Türkiye, June 5-8, 2023

Towards 6G at the Crossroads of Civilization: Connected Intelligence and Sensing



BalkanCom is a premier technical conference in communications and networking in the Balkan region. The goal of BalkanCom is to bring together researchers in academia, research labs and industry from all over the world to the historical region of the Balkans.

BalkanCom 2023, with the theme *Towards 6G at the Crossroads of Civilizations: Connected Intelligence and Sensing* continues the best tradition of scientific conferences of being completely not for profit. The sixth edition of the conference, technically sponsored by the IEEE ComSoc Turkey Chapter, will take place on 5-8 June 2023 in Istanbul, Türkiye.

We solicit technical papers describing original, completed, and unpublished work not currently under review by any other journal/magazine/conference.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
- 5G and beyond 5G/6G networks
- Next-generation networking and Internet
- Mobile and wireless networks
- IoT and sensor networks
- Artificial intelligence-enabled networks
- Machine learning for communications and networking
- Signal processing for communications
- Millimeter wave and Terahertz communications
- Reconfigurable intelligent surfaces and smart environments
- Full-duplex techniques
- Integrated sensing and communications
- Satellite and space communications
- Mobile edge computing and edge AI
- Wireless power transfer and energy harvesting communications
- Cloud computing, networking and storage
- Cross-layer modeling, design, and optimization
- Software defined networking
- Digital broadcasting and multimedia
- Communication and information system security
- Smart grid communications and power line communications
- Blockchain technology for communications
- Social networks
- Connected car, automotive, intelligent transportation
- Big Data
- e-Health
- Molecular, biological and multi-scale communications
- Quantum communications

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. Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.

Important Dates:

Paper submission deadline: 15 February 2023

Notification of acceptance: 20 April 2023

Camera-ready papers due: 1 May 2023

Best papers will be invited for a special issue of the ITU-JFET Journal and a special issue of the Elsevier Ad Hoc Networks Journal.

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