

# CALL FOR PAPERS

# BalkanCom 2022

**Fifth International Balkan Conference on Communications and Networking**  
**Sarajevo, Bosnia and Herzegovina, August 22-24, 2022**  
**Era of Machine Intelligence in Communications**



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. The fifth edition of the conference, technically co-sponsored by IEEE, will take place on August 22-24, 2022 in Sarajevo, Bosnia and Herzegovina. The theme of the conference, "Era of Machine Intelligence in Communications," is fitting not only for the Balkan Peninsula, but globally, heralding a new decade of innovation and groundbreaking progress in the ICT domain. BalkanCom 2022 continues the best tradition of scientific conferences of being completely not for profit.

We seek original, completed and unpublished work not currently under review by any other journal/magazine/conference.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

- Wireless systems and networks
- Communication protocols (transport, routing, link, and physical layers)
- Optical communication systems
- Cross-layer design and optimization
- Information theory and coding
- Signal processing for communications
- Deployment scenarios and experiences
- Infrastructures, platforms, and testbeds
- Software
- Big data for communications
- THz communications
- Machine learning for communications
- Mobile edge computing
- Non-terrestrial communications
- 5G/6G wireless and 3D Cellular
- Wireless ad hoc, mesh, sensor and robot networks
- Green, cognitive, and intelligent communications and networks
- Communication in challenging environments (underwater, underground, space, disasters)
- Internet of Things and M2M communication
- Localization and sensing
- Nano-scale networks
- Integration of heterogeneous networks
- Software-defined networking
- Security and privacy in communication networks
- Augmented reality and holographic communications
- Semantic communications

### Submission Guidelines:

Full papers should be no longer than 5 pages in a double-column format including tables, figures and references.

Extended abstracts less than 2 pages are also accepted, provided that the camera ready is a full paper.

Accepted papers will be published in the conference proceedings and submitted to IEEE Xplore.

Short papers less than 2 pages are also accepted but will not be published in the conference proceedings.

To submit a paper, please use the instructions at [www.balkancom.info](http://www.balkancom.info).

### Important dates:

Paper submission deadline:

June 1, 2022

Notification of acceptance:

July 15, 2022

Camera-ready papers due:

August 1, 2022

Best papers will be invited for fast track to ITU Journal on Future and Evolving Technologies (ITU J-FET).

BalkanCom reserves the right to exclude a paper from distribution after the conference, if the paper is not presented at the conference.

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