

(Hybrid mode: Physical and virtual)

THE 10TH INTERNATIONAL CONFERENCE ON WIRELESS NETWORKS AND MOBILE COMMUNICATIONS



26 - 28
October 2023



Istanbul Technical
University, Turkey

PAPER SUBMISSION

The 10th International Conference on Wireless Networks and Mobile Communications (WINCOM 2023) will be held in beautiful city of Istanbul, Turkey at the most prestigious university in Turkey Istanbul Technical University, from 26 to 28 October 2023. The conference will provide a forum for exchanging ideas, discussing solutions, and sharing experiences among researchers and professionals from both academia and industry interested in wireless networks and mobile communications. WINCOM is the flagship conference of the Mobitic Association, which will be themed "Smart Connectivity" for this year's edition. Papers delivered at WINCOM 2023 will be submitted to IEEEExplore for possible indexation by digital library. They will also be submitted to SCOPUS, ISI, DBLP and other leading indexing services. Papers of particular merit will be recommended for a possible special issue in international journals (discussions are underway with several international journals for publishing the accepted papers).

TOPICS OF INTEREST

- Wireless Mobile Networks
- Next-Generation Networks: 5G and 6G
- AI, Machine learning in Network applications
- AI-Enabled Networks
- Game theory applied to networking problems
- Learning theory to solve networking problems
- Big Data for wireless networks
- Federated learning applied to networking
- Intelligent vehicle technologies and vehicular networks
- Internet of thing and applications
- Internet of Thing use cases and their applications
- Artificial intelligence and machine learning for wireless communication systems
- Smart global connectivity
- Challenges and issues in designing AI-enabled wireless networks
- Deep learning techniques for wireless networks
- Cloud Computing, Networking and Storage
- Mobile slicing and Multi-homing
- Cooperative/non-cooperative communications
- Self-adaptation on the service layer
- Service discovery and portability
- Future Internet and Next-Generation Networking
- Green Communication Systems and Networks
- Modeling and performance evaluation
- Security and Cybersecurity
- Trust, Privacy & Blockchain Platforms
- Signal processing for Wireless communication
- Physical layer design
- Modulation, coding, and diversity techniques
- Channel capacity estimation, modeling and equalization
- Radio resource management, allocation and scheduling
- Congestion, load and admission control
- Smart antennas: MIMO, Massive MIMO and beamforming
- Reconfigurability, adaptivity in MAC and PHY layers
- Adaptive and cognitive MAC
- Cognitive radio networks, SDN and NFV
- Cross-layer design involving MAC layer
- Routing and QoS provisioning
- Multihop communications: Ad hoc, WSN, DTN, VANET
- M2M and MTC communications
- Mobility Issues and continuity of services
- Emerging Internet applications
- Context and location-awareness in pervasive systems
- Emerging wireless and mobile applications
- User interfaces, user-machine interactions
- P2P services for multimedia
- Service oriented architectures
- e-Health, Body area networks
- Mobile health care and medical applications
- Implementation, testbeds and prototypes
- Satellite Communications and Networking

PAPER SUBMISSION

Papers should contain original material, which is not currently under review in any other conference or journal and has not been previously published. All submissions should be written in English with a maximum paper length of six (devil) printed pages standard IEEE conference two-column format (minimum 10-point font) including figures, without incurring additional page charges (maximum 2 additional pages, with over length page fee). All submitted papers will go through a peer review process. Questions about paper submissions or the conference program can be addressed to any of the Program Chairs. Standard IEEE Transactions templates for Microsoft Word or LaTeX formats can be found at, http://www.ieee.org/conferences_events/conferences/publishing/templates.html Only PDF files will be accepted for the review process and all submissions must be done through EDAS online submission system, **EDAS**. You are invited to submit papers in all areas of wireless communications networks

DEMO-IP

Demonstrations showcasing working systems, innovative applications, ground-breaking ideas, and novel concepts related to field of WINCOM'23 conference are welcome. for more details, please see the website https://wincom-conf.org/WINCOM_2023/?page=demo-ip



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