



14th IFIP Wireless and Mobile Networking Conference

October 17-19, 2022 - Sousse, Tunisia

Call for Papers

<https://wmnc.dnac.org/2022/>

[IFIP WMNC 2022](#) will provide a discussion forum for researchers, practitioners, and students interested in novel developments in mobile and wireless networks, services, and applications and mobile computing. IFIP WMNC combines PWC (Personal Wireless Communications conference), MWCN (Mobile and Wireless Communication Networks conference), and WSN (Wireless Sensors and Actor Networks conference) into one event. It is Technically Sponsored by IFIP.

Accepted papers will be published in the IFIP Digital Library. Authors of selected papers will be invited to submit an extended version for a fast-track review in a Special Issue of Annals of Telecommunications or Journal of Network and Service Management.

Authors are invited to submit their original and unpublished research. The following contributions are welcome: research papers reporting on new trends and developments, application papers reporting on academia developments of technologies, products, services, systems and solutions, Performance evaluation and experimentation papers and Industry practice papers.

Tracks and Topics of Interest

Track 1: Wireless and Mobile Communications and Networks, Internet Wireless Access

- Wireless and mobile communications and networks
- 5G and beyond networks
- Wireless technologies design and evaluation
- Handoff and location management
- Resource management
- Network and service management
- Energy management and efficiency of protocols and devices
- Cognitive radio networking
- Device-to-device communications
- Routing and scheduling in mobile and wireless networks
- Transport layer issues in mobile and wireless networks
- Network security solutions and protocols
- Subscriber privacy
- Authentication, Authorization, Accounting
- Traffic and network modeling
- Analysis and simulation in wireless/mobile networks
- Virtualized and cloud-based wireless environment

Track 2: Wireless Sensor and Actor Networks, Ad hoc and Opportunistic Networks, Vehicular Networks, Internet of Things

- Wireless Sensor and Actuator Networks
- Ad hoc and Opportunistic Networks
- Low-Power Wide Area Networks
- Vehicular Networks Cyber-Physical
- Machine to Machine communications (M2M)
- Communication Technologies for the IoT
- Delay tolerant networking
- Cross layer design and optimization
- In-network processing and aggregation of information
- Energy efficient protocols and power management
- Localization and tracking
- Middleware for WSN and M2M
- Self-organization and reconfiguration
- Security for WSN and M2M
- Multimedia communications in WSN
- Vehicular networks
- Robots as actor networks
- Nano networks
- Fog Networking

Track 3: Applications and Services over Wireless and Mobile Networks

- Wireless multimedia networking
- Mobile cloud computing and applications
- Multicasting and broadcasting issues
- Multimedia session signaling in mobile/wireless environments
- Digital radio and TV broadcasting
- Protocols and platforms for convergence
- QoS and QoE in wireless/mobile networks
- Mobile and wireless applications: health, environmental protection, etc.
- ITS (Intelligent transportation systems)
- Infotainment
- Pervasive systems
- RFID
- Location based services
- Mobile services
- Content management and distribution
- Context-aware services
- Information centric networking
- Social networking

WMNC 2022 technical program committee invites authors to submit manuscripts with original research results that have not been previously published or that are not currently under review by another conference or journal. All submissions should be written in English and uploaded in EDAS. Technical papers can be of two types, full papers (up to 8 pages) and short papers (up to 5 pages), in Two-Column IEEE Conference Format, including text, figures and references. Demo papers of length of 3 pages are also solicited. For more information please check <https://wmnc.dnac.org/2022/>

Important Dates

Paper Submission: July 10, 2022
 Acceptance Notification: September 10, 2022
 Camera-Ready due: September 20, 2022
 Conference: October 17-19, 2022

General Chair Mohamed Faten Zhani, ETS Montreal, Canada
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