



IEEE Topical Conference on Wireless Sensors and Sensor Networks

22 – 25 January, 2023, Planet Hollywood Hotel, Las Vegas, NV USA



IEEE



<https://www.radiowirelessweek.org/>

Paper Deadline
25 July 2022

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Call For Papers

The 2023 IEEE Topical Conference on Wireless Sensors and Sensor Networks (WiSNet 2023) will be a part of 2023 IEEE Radio and Wireless Week (RWW 2023) which will be held during the week of 22 – 25 January, 2023 in Planet Hollywood Hotel, Las Vegas, NV USA.

RWW 2023 will also feature:

- IEEE Radio and Wireless Symposium (RWS)
- 22nd Topical Meeting on Silicon Monolithic Integrated Circuits in RF Systems (SiRF)
- IEEE Topical Conference on RF/Microwave Power Amplifiers for Radio and Wireless Applications (PAWR)
- IEEE Space Hardware and Radio Conference (SHaRC)
- Special Sessions, Short Courses, and a Design Competition

Each of these events will be organized separately, with their own call for papers found at <http://www.radiowirelessweek.org/>.

Wireless sensors and wireless sensor networks (WiSNet) are crucial components for manufacturing, structural health, security monitoring, environmental monitoring, smart agriculture, transportation, commercial applications, localization, tracking systems and other important and emerging applications. WiSNet 2023 is intended to stimulate discussion and foster innovation on these components and applications.

Papers featuring innovative work are solicited in (but not limited to) the following areas:

- Wireless Sensors for Communication, Radar, Positioning and Imaging Applications
- Wireless Sensors for Localization and Tracking
- Wireless Integrated Sensors, Front-Ends and Building Blocks
- Wireless Sensors for Harsh Environments, Environmental, Health, Home and Commercial Applications
- Wireless Sensors Networks, Smart Sensor Systems, and Autonomous Networking
- RFID Sensors and Sensor Tags
- Sensor Networks for Sensor Network Topologies and Sensor Network Communication Architecture
- Coexistence, Synchronization and Scheduling in Hybrid and Social Networks
- Cryptography, Security, Privacy Issues in Ad-Hoc, Sensor and Mesh Networks
- Six-Port and Multi-Port Technology
- Internet of Things Hardware, Protocols and Applications
- Wireless Sensors Applications in Wearable Computing and Body Area Nets
- QoS Aware Design: Energy Optimization and Deployment Techniques Large, Dense and Dynamic Network Topologies

WiSNet 2023 Chair

Rahul Khanna, *Intel*

WiSNet 2023 Co-Chair

Paolo Mezzanotte, *University of Perugia*

Paper submission instructions can be found at <http://www.radiowirelessweek.org/>. Submissions should be formatted according to the submission review template available on the RWW website. Authors should indicate preference for oral or poster presentation. All submissions must be received by **25 July 2022**. All accepted papers will be published in a digest and included in the IEEE Xplore® Digital Library. Submissions will be evaluated based on novelty, significance of the work, technical content, interest to the audience, and quality of writing.