

Special Issue

Internet of Things and Sensors Network in 5G Wireless Communications

Message from the Guest Editors

The purpose of this Special Issue is to provide a platform for the discussion of the major research challenges, latest developments, and recent advances on IoT and sensors network in the 5G ecosystem. Potential topics include, but are not limited to, the following:

- Experimental testbeds and measurements of 5G systems;
- Energy management of 5G-enabled IoT systems and devices;
- Resource allocation and scheduling algorithms in 5G-enabled IoT systems;
- Communication algorithms, protocols, and architectures for 5G-enabled IoT systems;
- SDN and NFV solutions for IoT and sensor networks in 5G scenarios;
- Device and network virtualization in 5G-enabled IoT scenarios;
- Integration of 5G and LP-WAN technologies;
- Edge, fog, and cloud computing architectures for 5G-enabled IoT systems;
- Security, privacy, and trust management in 5G-enabled IoT systems;
- Integration of robotic systems and UAVs in 5G IoT scenarios;
- Artificial intelligence and machine learning-based approaches in 5G IoT scenarios;
- Novel IoT application and use-cases enabled by high-speed cellular networks.

Guest Editors

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Dr. Sara Pizzi

Prof. Dr. Marco Di Felice

Deadline for manuscript submissions

closed (31 May 2021)



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About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

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