

Special Issue

Wireless Communication and Networking for IoT

Message from the Guest Editors

The proliferation of the Internet of Things (IoT) is fundamentally transforming industries, smart cities, and daily life. This paradigm hinges on the ability of countless devices to communicate reliably and efficiently. However, the unique constraints of IoT deployments—including massive scalability, severe energy limitations, heterogeneous traffic patterns, and stringent security demands—continue to pose significant challenges for existing wireless communication and networking protocols. This Special Issue seeks to explore groundbreaking research and innovative solutions that address these challenges, pushing the boundaries of what is possible in IoT connectivity. We invite contributions on novel architectures, advanced protocols, and cutting-edge signal processing techniques designed to create more robust, efficient, and intelligent IoT ecosystems.

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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.

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