# **Special Issue**

### IoT Sensor Systems: Design, Interfaces, Signals, Processing, and Applications

### Message from the Guest Editors

Internet of Things (IoT) sensor systems have already been conceptually established in the scientific world. However, this area of study continues to transform its design, interfaces, and process. IoT sensor systems envisage smart techniques that foster the research and development of real-time, scalable and reliable networks, and pave the way to bringing about future research paradigm towards next-generation computation technology. The objective of this Special Issue is to provide an excellent platform for this field's academicians, researchers, engineers, and industrial participants to share their research findings with other global experts. In this Special Issue, both original research articles and reviews are welcome. Research areas may cover (but are not limited to) the following:

- Design space exploration techniques for IoT devices and systems
- Power, energy, efficient resource management, and energy harvesting
- Things to cloud: computation and communication gateways
- Miniaturization: Sensors, CPU, and network
- Design principles and best practices for IoT application development
- Green IoT: sustainable design and technologies

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### Deadline for manuscript submissions

30 November 2025



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### 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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