

Special Issue

Emerging Smart and Intelligent Wearable/Implantable Sensors for IoT and Biomedical Applications

Message from the Guest Editors

Rapid advancements in sensor and integrated circuit technologies in the recent years have facilitated widespread use of smart and intelligent sensor instruments in wide range of applications including wearable and implantable biomedical sensors and Internet of Things (IoT). Smart networks architectures and technologies have been adopted in mobile device technologies facilitating a revolution of IoT. In addition, incorporation of machine learning/artificial intelligence on-chip have led to the realization of smart and intelligence sensors. The purpose of this special issue is to address on-going research activities in the design of smart and intelligent sensors focusing on the applications in the areas of IoT and biomedical implantable and wearable sensor instruments. Potential topics include but are not limited to the following:

- Emerging smart wearable and implantable sensors and devices
- Novel design, manufacturing, technology, and architecture for smart sensors
- Machine Learning, deep Learning, and artificial intelligence on-chip
- Smart sensor network architectures
- Real-time and low-power signal processing for smart sensors

Guest Editors

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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.

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