

Special Issue

Smart Sensors, Sensing Applications and IoT Instrumentation

Message from the Guest Editors

Cyber-physical systems and digital twins are spreading fast in both industrial and urban applications, but digital models become digital twins only if tuned with the reality they represent by means of sensors and sensor networks. This Special Issue focuses on smart sensors, sensing applications and Internet of Things (IoT) instrumentation, and tools capable of closing the loop of IoT through: measuring physical quantities related to natural phenomena (such as temperatures, vibrations, velocity, etc.) or events (such as collisions, malfunctions, presence, interactions, etc.) and transmitting them to a database that can be utilized to plan suitable actions and refine models. Authors are invited to contribute to this Special Issue of *Sensors* by submitting an original manuscript. Topics of interest include, but are not limited to:

- Sensors with smart interfaces;
- Smart sensors and sensors networks application in both industrial and smart city context;
- Industrial IoT sensors and sensors applications;
- Distributed sensing infrastructures.

Guest Editors

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Deadline for manuscript submissions

closed (15 June 2024)



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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.

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