

## Special Issue

# Smart Sensing Technology for Industry and Environmental Applications

### Message from the Guest Editors

Smart sensing technology enables real-time data collection, analysis and decision making. These advanced sensors, often equipped with AI and machine learning algorithms, can detect changes in the physical environment and provide feedback in real time. In this context, this Special Issue welcomes the submission of original papers that address all aspects of smart sensor technology in general, as well as in wearables. The scope of this Special Issue includes, but is not limited to, the following topics:

- IoT-based monitoring systems;
- Sensors and sensor networks for smart buildings;
- Sensors and sensor networks for the optimization of manufacturing processes;
- Monitoring for BIM and digital twins;
- Wearables for environmental monitoring;
- Wearables for industrial applications;
- Wearables for continuous human health monitoring;
- ML, or more generally, AI-based approaches for data analysis.

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### Guest Editors

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### Deadline for manuscript submissions

10 August 2025



## Sensors

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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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### Editor-in-Chief

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