

## Special Issue

# Advances in Wearable Sensors for Continuous Health Monitoring

### Message from the Guest Editors

Wearable technologies and their seamless integration with 5.0 health infrastructure are contributing to the implementation of a patient-centered approach. This Special Issue requests contributions on the current state of the art in the field of wearable technologies for biomedical applications, including advancements in sensor technology, data processing and analytics, the integration into healthcare systems, disease management, and remote patient monitoring. Topics of interest include:

- Design, manufacturing, and fabrication of advanced sensors for healthcare applications
- AI-enabled based healthcare framework with wearable sensors
- Wearable sensors with anomaly detection
- Design, implementation, and test of novel sensing principles
- Machine learning/deep learning techniques for real-time wearable sensor data analytics
- Distributed and connected sensing using wearable sensors
- Remote health monitoring with wearable sensors
- Signal processing and data collection through wearable sensors
- Algorithms and tools for sensing and disease prediction with advanced wearable sensors

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### Guest Editors

Prof. Dr. Leopoldo Angrisani

Dr. Romano Maria

Dr. Annarita Tedesco

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### Deadline for manuscript submissions

30 October 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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