

## Special Issue

# Mobile and Wearable Technologies for Cardiovascular Monitoring and Disease Management

### Message from the Guest Editor

Recent advances in artificial intelligence (AI) and mobile and wearable technologies are revolutionizing cardiovascular medicine by enabling real-time monitoring and early detection of arrhythmias, heart failure decompensation, and other critical cardiac events. This Special Issue aims to highlight the latest research on mobile and wearable solutions for cardiovascular monitoring. We invite original research, reviews, and case reports on sensor design, biosignal acquisition, AI-driven diagnostics, clinical validation, and integration into telemedicine and remote care platforms. Topics of interest include, but are not limited to, the following: smartwatch, patch, implantable, or smartphone-based monitoring; detection and prediction of atrial and ventricular arrhythmias; applications of ECG, photoplethysmography (PPG), and novel biosignals; machine learning algorithms in cardiac diagnostics; and data privacy, security, and regulatory challenges in digital health. We welcome contributions from clinicians, biomedical engineers, data scientists, and healthcare innovators focused on translating technology into clinical applications.

### Guest Editor

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### Deadline for manuscript submissions

20 February 2026



## Sensors

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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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