

## Special Issue

# Wearable, Non-Contact and Capacitive Sensing for Biomedical and Industrial Applications

### Message from the Guest Editor

This Special Issue aims to present and disseminate the most recent advances in wearable, non-contact, and capacitive sensing systems for biomedical and industrial monitoring and diagnostics. We welcome contributions addressing the design, development, and validation of novel sensing hardware, signal processing methodologies, and clinical or real-world applications that advance the state of the art in nonobtrusive physiological and physical measurement.

Topics of interest include, but are not limited to:

Non-contact electrode design and capacitive sensing for biomedical and industrial applications;

Wearable sensors for continuous physiological monitoring (ECG, EEG, EMG, respiration, etc.);

Motion artifact detection, characterization, and reduction in wearable systems;

Impedance spectroscopy and bioimpedance measurement techniques;

Inductive and electromagnetic sensing for biomedical and industrial use;

Signal processing and machine learning for wearable and non-contact sensor data;

IoMT/IIoT architectures and edge computing for real-time monitoring;

Flexible, stretchable, and textile-integrated sensing systems.

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### Guest Editor

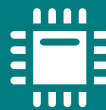
Prof. Mario Cifrek, PhD

University of Zagreb Faculty of Electrical Engineering and Computing,  
10000 Zagreb, Croatia

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### Deadline for manuscript submissions

31 December 2026



## Sensors

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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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

Prof. Dr. Vittorio M. N. Passaro  
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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