

## Special Issue

# Biosignal Sensing and Analysis for Healthcare Monitoring

### Message from the Guest Editors

This Special Issue aims to collect original contributions or critical reviews focusing on the biological signal acquisition, processing, and analysis of healthcare monitoring and computer-aided diagnosis. The topics include, but are not limited to, sensor signal filtering, amplifying, and decomposition; computational feature extraction, physiological activity monitoring, clinical data analysis and interpretation, and machine learning algorithms for healthcare applications. Topics of interest include, but are not restricted to:

- Biomedical signal processing and analysis;
- Data interpretation for biological processes;
- Sensor data fusion for multi-modal devices;
- Wearable or implantable sensor integration;
- Low-cost IoT applications for healthcare monitoring;
- Biological signal decomposition and reconstruction;
- Feature extraction and computing for ECG, EMG, EEG, PPG, and other physiological signals;
- Machine learning tools for healthcare data analysis;
- Artificial intelligence for computer-aided diagnosis;
- Deep learning algorithms for retinal OCT image analysis.

### Guest Editors

Dr. Yunfeng Wu

School of Informatics, Xiamen University, Xiamen 361005, China

Prof. Dr. Behnaz Ghoraani

Department of Electrical Engineering and Computer Science, Florida Atlantic University, Boca Raton, FL 33431-0991, USA

### Deadline for manuscript submissions

closed (20 September 2023)



## 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

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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