

Special Issue

Biosignal Sensing Analysis (EEG, EMG, ECG, PPG) (2nd Edition)

Message from the Guest Editor

Biosignals are produced by electrical activity arising from biological activities that take place within different tissues and organs of the human body. This Special Issue presents the most common methods that are currently used to record biosignals, with a brief description of their functionality and related applications. The topics of interest include the following:

- Biomedical signals (ECG, EEG, PPG, EDR, EMG, etc.);
- Portable monitoring;
- Continuous sleep-apnea screening in an unattended home setting;
- Detection of nightly snore events in patients with OSA;
- Wavelet in biomedical signal analysis for feature extraction;
- Multimodal brain signal processing of EEG/MEG/fMRI/fNIRS;
- Multimodal biosignal processing for body area network;
- Hybrid BCI using multimodal signals;
- Multimodal signal processing for wearable devices;
- Emerging applications of multimodal signal processing technology;
- Methodologies for multimodal fusion and integration.

Guest Editor

Dr. Vangelis Sakkalis

Institute of Computer Science, Foundation for Research and Technology–Hellas, 70013 Heraklion, Greece

Deadline for manuscript submissions

15 February 2026



Sensors

an Open Access Journal
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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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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.

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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