

Special Issue

Biomedical Data in Human-Machine Interaction

Message from the Guest Editors

This special issue aims at introducing the most recent advances in the interpretation of biomedical data and their potential implementation in human-computer interaction. This issue shall cover new methods for interpretation of various types of biomedical data, including model-based biosignal analysis, data interpretation and integration, medical decision making extending existing data processing methods and technologies for their effective application in clinical environments. Analysis of biomedical data covers wide range of interesting topics and this special issue is going to cover many of them. The submitted papers should cover the following areas:

- Analysis of biomedical data, such as among the others: electroencephalography (EEG), electromyography (EMG), electrocardiography (ECG), magnetic resonance imaging (MRI), etc.
- Smart cities;
- Smart homes;
- Brain-Computer Interfaces;
- Human-Machine Interaction;
- Graphomotorics;
- Neurodegenerative disorders - diagnostics;
- Movement disorders.

Guest Editors

Prof. Dr. Aleksandra Kawala-Sterniuk

Prof. Dr. Grzegorz Marcin Wójcik

Dr. Waldemar Bauer

Deadline for manuscript submissions

closed (25 April 2023)



Sensors

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Impact Factor 3.5
CiteScore 8.2
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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

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