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Biomedical Data in Human-Machine Interaction

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Deadline for manuscript
submissions:

closed (25 April 2023)

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:

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



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Special Issue



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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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