

Special Issue

Biomedical Signal Processing, Data Mining and Artificial Intelligence

Message from the Guest Editors

In this Special Issue, we invite submissions exploring the advances in biomedical signal processing which utilize the algorithms and techniques of data-mining and artificial intelligence. The term artificial intelligence in this Special Issue includes artificial neural networks, as well as conventional pattern recognition and data mining techniques such as random forest, support vector machine, and conventional statistical analysis. Application areas include, but are not limited to, EEG/EMG/EOG/PPG analysis of healthy participants or patients, recognition and verification of utilizing biomedical signals, medical image analysis, motion analysis and recognition, and the human–computer interface for utilizing biosignals. Applications utilizing hardware implementations and survey papers and reviews are also welcomed.

Guest Editors

Prof. Dr. Won-Du Chang

Dr. Do-Won Kim

Dr. Youngjin Jung

Dr. Hyun Jun Park

Deadline for manuscript submissions

closed (31 May 2022)



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

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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