

Special Issue

Advanced Methods of Biomedical Signal Processing II

Message from the Guest Editor

Biomedical sensing technology is most commonly perceived as a wearable device, which have become more and more popular in recent years. People have become more inclined to monitor themselves more closely than ever, and technology is enabling them to do so. The trend of wearable technology is predicted to continue as technology improves. The challenges of new sensing technologies include quality control, data corruption detection and correction, as well as automatic interpretation of massive amounts of data. For this reason, in recent years, many researchers have been working to advance the methods for processing biomedical signals, utilizing methods that include time-varying spectral analysis, entropy, adaptive filtering, multivariate probability distributions, machine learning, deep learning, nonlinear regression, Markov chains, Bayesian estimation, etc. In this Special Issue, we invite research papers presenting novel and advanced methods of biomedical signal processing, applied to, but not limited to, EDA, ECG, EMG, EEG, PPG, and other biomedical signals or images.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Our primary goal is to encourage scientists and engineers to publish their theoretical results and developed methods in as much detail as possible. There is no limit to the maximum length of papers. Whenever possible, authors are encouraged to provide relevant data and developed code so that the results can be reproduced. Our goal is to provide a platform for scientists and engineers to share new approaches to signal processing in various application domains.

Editor-in-Chief

Prof. Dr. Santiago Marco

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