

Special Issue

Intelligent Biomedical Signals Processing: Extending and Enhancing Life

Message from the Guest Editors

Biomedical signals consist of physiological measurements that are used mainly to extract relevant information such as heart rate, muscle activities, pulse and others. Electrocardiogram (ECG), electroencephalogram (EEG) and electromyogram (EMG) are the most commonly used biomedical signals in various applications such as for diagnosis, monitoring, prediction, human–computer interactions, among others. All these parameters find their way into applications that are either used to conserve, extend and even enhance life (and quality of life). This Special Issue aims to provide a collection of latest contributions in the approaches and advancement of the biomedical signal processing field. Topics relevant to analysis of various biosignals and applications are welcome. The scope of the issue includes, but is not limited to, the following topics:

- Biomedical Signal Analysis and Processing
- Biomedical Imaging and Image Processing
- Biosensors and Wearable Technology
- Neural Engineering and Brain Computer Interface
- Biomedical and Medical Robot

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About the Journal

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.

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