Special Issue

Application of Machine Learning in Electroencephalogram and Bio-Electricity Signal Processing

Message from the Guest Editor

This Special Issue on "Application of Machine Learning in Electroencephalogram and Bio-Electricity Signal Processing" aims to provide a platform to exchange information on the state of the art of bioelectric signal processing using machine learning techniques. Researchers are invited to submit original research articles and review articles relevant to this theme. Articles on application of machine learning in adjacent areas of research such as optical imaging of neural activation, e.g., near-infrared spectroscopy, and non-contact measurement of physiological responses are also welcome. Potential topics include but are not limited to the following:

- Novel machine learning algorithm for bioelectricity data processing;
- Application of machine learning in real-time processing of bioelectric signals;
- Analysis of central and peripheral nervous system activation by machine learning;
- Automatic classification of people with/without pathological conditions;
- BCI/BMI.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2023)

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.

Editor-in-Chief

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