



Machine Learning in Electronic and Biomedical Engineering

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Deadline for manuscript submissions:

closed (31 March 2022)

Message from the Guest Editors

The Special Issue seeks to collect contributions from researchers involved in developing and using machine learning techniques applied to:

- Embedded systems for artificial intelligence (AI) applications, in which the interest is focused on implementing these algorithms directly in the devices, thus reducing latency, communication costs, and privacy concerns;
- Edge computing, where the aim is to process AI algorithms locally on the device, i.e., where the data are generated, by focusing on compression techniques, dimensionality reduction, and parallel computation.
- Wearable sensors for collecting biological data;
- Human activity detection as well as the diagnosis and prognosis of patients based on the investigation of data collected from sensors;
- Intelligent decision systems and automatic computer-aided-diagnosis systems for early detection and classification of diseases;
- Neuroimaging techniques such as magnetic resonance, ultrasound imaging, computed tomography to aid in the diagnosis and prediction of diseases.

Welcome to contribute.





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Editor-in-Chief

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Message from the Editor-in-Chief

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