Application of Biosignal Processing, Artificial Intelligence and Machine Learning on Healthcare

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Message from the Guest Editor

Dear Colleagues,

The aim of this Special Issue is to collect a compendium of articles about the recent trends and advances in biomedical signal processing and wearable devices, as well as the development of artificial intelligence systems for clinical applications.

Topics of interest include, but are not limited to, the following:

- New trends in physiological monitoring and vital sign recording;
- Processing and analysis of electrocardiogram (ECG), electroencephalogram (EEG), photoplethysmogram (PPG), inertial measurement unit (IMU), electromyogram (EMG), and other technologies;
- Applications of machine learning and artificial intelligence in healthcare;
- Development of wearable devices and body sensor networks;
- Human activity recognition and tracking and remote monitoring;
- Digital health and mHealth for disease monitoring, detection, and prediction.

Special Issue

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Message from the Editor-in-Chief

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