Special Issue

State-of-the-Art of Wearable Sensors for Movement Analysis and Brain Related Signals

Message from the Guest Editor

This Special Issue aims to promote novel sensors technologies and experimental approaches enabling functional integration of all sensors outputs with sufficiently high timing precision to capture the physiological dynamics already accessible in wearable systems such as EMG and EEG. The integration of these multiple sensors information coming from the brain and the body will require the development of new classification pipelines and machine learning tools which could be specifically linked to sensor data processing. Thanks to the combination of sensor and neurocomputational technologies future developments of online procedures will effectively help people to use wearable sensors to increase motor and cognitive performances.

Guest Editor

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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