Special Issue

Body Worn Sensors and Related Applications

Message from the Guest Editors

This Special Issue is focused on applications of wearables, digital health, and data analytics to facilitate management of chronic conditions or preventive care. Some examples of these applications could be new studies that utilize sensors to extract digital biomarkers associated with cognitive decline, motor capacity deterioration because of specific conditions (e.g., dementia, Parkinson's disease, stroke, cancer, diabetes), technologies to improvement care management for those suffering from chronic condition (e.g., chronic pain), sensors to improve patient adherence, sensors to better monitor sleep and stress, sensors for remote monitoring health and wellbeing, and sensors to manage environmental conditions that may impact health and wellbeing. Of interest are also advanced data analytics developed to extract meaningful information from raw sensor data, to fuse multimodal data, to quantify interaction between physiological system, and to quantify and visualize the pattern of individuals' behavior in the context of everyday life.

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Message from the Editor-in-Chief

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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