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Body Worn Sensors and Related Applications

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Deadline for manuscript
submissions:

closed (31 January 2021)

Message from the Guest Editors

Dear Colleagues,

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 improve 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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Guest Editors



mdpi.com/si/37886

Special Issue



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Message from the Editor-in-Chief

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