

Special Issue

Wearable Sensors for Physical Activity Monitoring and Motion Control

Message from the Guest Editors

Nowadays, there is a mass usage of wearable devices mainly focusing on promoting the healthy lifestyles of users. Physical activity monitoring and motion control through wearable technology provide valuable information for rehabilitation purposes, physical and even cognitive assistance. In addition, advances in artificial intelligence and machine learning make it possible to process acquired data from wearable sensors/devices, for instance, to detect postural problems in everyday physical activities (work and home ergonomics), to predict functional decline (early diagnosis and prevention), to identify the risk of falls in elders or, more specifically, to segment, classify and recognize human motion for gait analysis purposes, among others. This Special Issue is interested in all types of wearable sensors and mobile technologies dedicated to physical activity monitoring and motion control in the domains of healthcare, industry, home, sport, and more. For more details, please visit [here](#).

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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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