

Special Issue

Biomechanical Analysis of Motion and Postural Control: Sensor Methods and Data Analytics—Third Edition

Message from the Guest Editors

The aim of this Special Issue of *Sensors* is to publish articles on the theme of human motion, balance, and postural control. Articles covering a wide range of applications and situations where sensors can be employed are welcome, whether they cover concrete sensor use or the processing of sensor-generated data in the context of biomechanics:

- From walking to running.
- From swimming to jumping.
- From day-to-day activities to sports motions.
- From wearable sensors to external sensors.
- From IMUs to EMG.

Articles published in this Special Issue may contribute to a better understanding of questions such as:

- How to determine the correct positioning of wearable sensors? Should more than one sensor be used per body segment?
- How can submillimetre precision be obtained with markerless setups for 3D motion analysis? How many people can be followed simultaneously?
- How can a system be created that evaluates real-life conditions at home, at work, or outdoors?
- Can wearable sensor systems help prevent falls or assist with balance or gait?

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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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