



Sensor Technology for Improving Human Movements and Postures: 3rd Edition

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Message from the Guest Editors

Dear Colleagues,

Sensor technology can be used to measure movements and postures. Such measurements can potentially improve musculoskeletal health, leading to better quality of life in areas of gerontology, physical rehabilitation, sports, and occupations requiring physical movements or prolonged static postures. For example, sensors can be used to

- Assist or encourage walking and prevent falls of older adults;
- Enable exoskeletal or robotic devices to improve mobility in people with neuro-musculoskeletal disorder;
- Detect sport-specific movements to improve sports performance and reduce injury risk;
- Improve occupational biomechanics and ergonomics.

Examples of sensors include accelerometers, gyroscopes, magnetometers, and force sensors. They can be wearable or laboratory-based.

For more information, please see: mdpi.com/si/B6349





sensors



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Message from the Editor-in-Chief

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