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Wearable or Markerless Sensors for Gait and Movement Analysis

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Message from the Guest Editors

Dear Colleagues,

This Special Issue addresses innovative developments, technologies, and challenges related to wearable and markerless motion sensing and seeks the latest findings from ongoing research. Review articles and meta-analyses that provide readers with current research trends and solutions are also welcome. Potential topics include, but are not limited to, the following:

- New algorithms and methods for motion capture and motion analysis;
- Innovative wearable sensor or markerless systems for human motion capture;
- Novel algorithms for motion pattern recognition (for example, using artificial neural networks);
- New sensor applications within the field of medicine, sports and ergonomics;
- Biomechanical modeling (joint kinetics and kinematics);
- Sensor applications for prosthetics and orthotics.

Dr. Helena Grip

Dr. Fredrik Öhberg

Guest Editors



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Special Issue



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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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