



Sensors in Biomechanics

Collection Editors:

Dr. Zimi Sawacha

Dr. Giuseppe Vannozzi

Dr. Andrea Merlo

Message from the Collection Editors

The aim of this Special Issue is to present recent research findings on development and application of sensor technologies in measurements of human biomechanical and physiological parameters. Authors are encouraged to submit manuscripts for publication on (but not limited to) the following areas:

- Biomechanical sensors in disease assessment, functional diagnosis, treatment, and rehabilitation;
- Biomechanical sensors for assisted living monitoring;
- Biomechanical sensors in gait analysis;
- Biomechanical sensors in sports;
- Novel applications of continuous monitoring of human motion in rehabilitation;
- Dynamic Electromyography;
- Plantar pressure analysis and gaitography;
- IMU for human motion tracking;
- Gyroscopes;
- Force sensors (strain gauge, piezo, etc.);
- Ultrasound sensors;
- Optical tracking systems;
- Challenges in data processing, simulation, and validation;
- Challenges in data sensor fusion;
- Technical challenges in assuring accuracy and robustness of the provided measures (i.e., sensor placement, measurement drift, repeatability of the provided measures);
- Wireless sensors for human motion tracking;





sensors



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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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Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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