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Sensors and Digital Solutions for Human Health and Health Risk Monitoring

Guest Editors:

Prof. Dr. Mikael Forsman
Division of Ergonomics, School of Engineering Sciences in Chemistry, Biotechnology and Health, KTH Royal Institute of Technology, Stockholm, Sweden

Dr. Farhad Abtahi
Department of Clinical Sciences, Intervention and Technology (CLINTEC), Karolinska Institutet, Stockholm, Sweden

Deadline for manuscript submissions:
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Message from the Guest Editors

Advances in microelectronics have resulted in a burst of compact sensors and wearable systems for motion tracking and measurement of biosignals. In addition to monitoring human movements and physiological conditions, the popularity of the internet of things (IoT) sensors provides improved access to environmental data, physical activity and movement habits.

We invite researchers to contribute original research papers or comprehensive reviews to this Special Issue. Your contributions will help improve and advance methodologies to develop sensors, processes and analyses of biosignals and corresponding health-related and health-risk-related data, and to use artificial intelligence (AI) and machine learning techniques to strengthen and complement traditional health and risk assessment systems.

Keywords

- Precision medicine
- Preventive healthcare
- Occupational healthcare
- Prevention of musculoskeletal disorders
- Ergonomic risk assessment
- Precision ergonomics
- Ergonomic work-technique training
- Physical activity
- Artificial intelligence
- Chronic disease management
- Wearable sensor

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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, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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