Special Issue

Sensing Technologies for Human Evaluation, Testing and Assessment

Message from the Guest Editors

This Special Issue aims to focus on the development and application of advanced sensing technologies, innovative materials, and new algorithms for monitoring, assessing, and optimizing human activities and performance. With the growing interdisciplinary interest in wearable sensors, biosensing, assistive devices, and computational models, this Special Issue aims to provide a platform to explore recent advancements that address critical challenges in human evaluation and testing. Topics of interest include the integration of novel sensor technologies, digital twins, machine learning, and signal processing methods for enhanced data acquisition, interpretation, and application across domains such as sports science, rehabilitation, aging, and healthcare. Topics of interest include, but are not limited to:

- wearable sensors
- biosensing and assistive devices
- computational biomechanics
- data fusion
- machine learning
- human digital twins
- healthcare and rehabilitation
- human activity monitoring

Guest Editors

Prof. Kenneth Loh

Dr. Said Quqa

Dr. Liming Salvino

Prof. Ning Xi

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Sensors
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

mdpi.com/journal/sensors

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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.

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

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