Special Issue

Smart Sensors: Applications and Advances in Human Motion Analysis

Message from the Guest Editors

This Special Issue covers new strategies to recognize and predict the human motion or the human-robot interaction, both in the clinical and in the industry fields, thanks to the application of smart sensors or the innovative use of the standard wearable sensors. Biofeedback strategies-related sensors to augment human collaboration with robotic systems are also encouraged. Contributions may include, but are not limited to:

- Smart sensors for human motion analysis;
- Sensors for decision making and smart-based applications;
- Wearable sensor-based strategies for motion intention recognition;
- Machine learning algorithms for human motion recognition and prediction;
- Machine learning -based sensor measurements for human motion estimation;
- Sensors applications on collaborative and assistive robots;
- Advanced strategies for improving human-robot interaction;
- Sensing for physical human-robot interaction;
- Applications of sensors for robotics

Guest Editors

Dr. Cristina P. Santos

Center for MicroElectroMechanical Systems (CMEMS), University of Minho, 4710-057 Braga, Portugal

Dr. Joana Figueiredo

Postdoctoral researcher, Center for MicroElectroMechanical Systems (CMEMS), University of Minho, Minho, Portugal

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Sensors
Editorial Office
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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