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Smart Sensors: Applications and Advances in Human Motion Analysis

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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



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Special Issue



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Message from the Editor-in-Chief

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