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Advanced Sensing and Machine-Learning-Based Analysis of Human Behaviour and Physiology

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Deadline for manuscript submissions:
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Message from the Guest Editors

A successful human–machine/human–robot interaction is dependent on adequate communication and understanding between humans and machines/robots during their contact. Recent development in sensing and analysis technology has enabled more efficient human–machine/human–robot interaction. Particularly, a good understanding of human behaviour and physiology allows machines/robots to interact more intuitively with users in a human-centred nature and is prioritised by a growing research interest. As a response, advanced sensing technology (wearable sensing, remote sensing, multimodal sensing, and so on) in combination with machine learning based analysis (feature engineering, classic machine learning models, deep learning approaches, and so on) keeps advancing to accommodate the needs of human–machine/human–robot systems and their applications.

This Special Issue aims to gather the most recent development in sensing- and machine-learning-based analysis with a particular focus on human behaviour and physiology, to push forward the frontier of human–machine/human–robot interaction.

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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.

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