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

Guest Editors:

Dr. Jinguo Liu

submissions:

#### Message from the Guest Editors

Prof. Dr. Zhaoiie Ju A successful human-machine/human-robot interaction is dependent adequate communication and on Dr. Dalin Zhou understanding between humans and machines/robots during their contact. Recent development in sensing and analysis technology has enabled more efficient human-Dr. Dingguo Zhang machine/human-robot interaction. Particularly, a good understanding of human behaviour and physiology allows Dr. YongAn Huang 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 Deadline for manuscript sensing, and so on) in combination with machine learning closed (30 June 2022) based analysis (feature engineering, classic machine learning models, deep learning approaches, and so on) keeps advancing to accommodate the needs of humanmachine/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 humanmachine/human-robot interaction.









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### **Editor-in-Chief**

### Message from the Editor-in-Chief

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