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Computer Vision Techniques Applied to Human Behaviour Analysis in the Real-World

Guest Editors:

Dr. Oya Celiktutan

Prof. Dr. Albert Ali Salah

Prof. Dr. Dongmei Jiang

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Message from the Guest Editors

Intelligent devices, such as smart wearables, intelligent vehicles, virtual assistants, and robots, are progressively becoming widespread in many aspects of our daily lives, where effective interaction is increasingly desirable. In such applications, the more information exchanged between the user and the system through multiple modalities, the more versatile, efficient, and natural the interaction becomes. Currently, modern intelligent devices do not take into account the user state sufficiently into consideration and thus suffer from a lack of personalization and low engagement. In particular, interaction logs and verbal data alone are not adequate for genuinely interpreting human behaviours, and therefore there has been a significant effort to analyze human behaviours from video data. Although significant progress has been made so far, there is still much room for improvement in moving from controlled and acted settings to real-world settings.



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Special Issue



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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

Message from the Editor-in-Chief

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Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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