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Deep Learning Methods for Human Activity Recognition and Emotion Detection

Guest Editor:

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Deadline for manuscript submissions:
closed (30 June 2024)

Message from the Guest Editor

Dear Colleagues,

Detecting and characterizing human movements and activities is the base for providing contextual information while solving more complex challenges such as health self-management, personal recommender systems, object detection and manipulation, behavioral pattern recognition, and professional sport training. A wide range of machine learning methods have been applied over the last 20 years to try to automatically characterize human activities and emotions either based on visual information from environment cameras, embedded sensors in different tools and appliances, or wearable non-intrusive sensor devices.

This Special Issue is focused on papers that provide up-to-date information on either human activity and emotion detection or the combination of both using machine learning methods in different types of sensors. Both research and survey papers are welcome.

- Human activity recognition
- Emotion recognition
- Machine learning
- Deep learning
- Wearable sensors

Prof. Dr. Mario Munoz-Organero
Guest Editor

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Special Issue

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Message from the Editor-in-Chief

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