Special Issue

Sensors-Based Human Action and Emotion Recognition

Message from the Guest Editors

This Special Issue is to take this opportunity to introduce the current developments of sensor- and video-based human action and emotion recognition combined with machine learning, including computer vision, pattern recognition, expert systems, deep learning, and so on. In this Special Issue, you are invited to submit contributions of original research, advancement, developments, and experiments pertaining to machine learning combined with sensors. Therefore, this Special Issue welcomes newly developed methods and ideas combining data obtained from various sensors in the following fields (but not limited to these fields):

- HAER based on machine learning;
- Deep network structure/learning algorithm for HAER;
- HAER based on sensor fusion techniques based on machine learning;
- Face and gaze recognition for HAER;
- Multi-modal/task learning for HAER decision-making and control;
- HAER technologies in autonomous vehicles;
- State of practice, research overview, experience reports, industrial experiments, and case studies in HAER.

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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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