Special Issue

Vision-Based Human–Machine Interactive Operation Technology for Gesture Recognition, Motion Capture and Multi-Touch

Message from the Guest Editors

The Special Issue “Vision-Based Human–Machine Interactive Operation Technology for Gesture Recognition, Motion Capture and Multi-Touch” aims to bring together leading academic research results of vision-based gesture recognition, motion capture, and multi-touch techniques that are emerging into human–machine interaction operations. The topics of interest for this Special Issue include, but are not limited to, the following:

- Vision-based human–machine interactive techniques for smart manufacturing, intelligent robots, autonomous vehicles, smart home, etc.
- Gesture recognition, motion capture, and multi-touch for human–machine interactive interfaces.
- Deep learning and machine learning techniques for human–machine interaction applications.
- Lightweight techniques for vision-based human–machine interactive techniques on embedded or wearable devices.
- Computer vision and image processing for human–machine interaction applications.
- Novel ideas and frameworks for developing intelligent human–machine interaction systems.

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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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