

Special Issue

Sensor Systems for Gesture Recognition

Message from the Guest Editors

Gesture recognition (GR) aims at interpreting human gestures by means of math algorithms. Its achievement will have widespread applications in a number of different fields, with impacts that can help or meaningfully improve our quality of life. In the real world, GR can interpret communication meanings at a distance or can “translate” in written sentences or by a synthesized voice the “sign language”. In a virtual reality (VR) and augmented reality (AR) world, GR can allow navigating and/or interacting, as it occurs, for instance, with the user interface (UI) of a smart TV controlled by hand gestures. Potential topics include in this special issue “Sensor Systems for Gesture Recognition”, but are not limited to:

- Gesture recognition
- Gesture detection sensors
- Wearable sensors
- Human tracking
- Human postures and movements
- Motion detection and tracking
- Hand gesture recognition
- Gait analysis
- Pattern recognition for gesture recognition
- Machine learning for gesture recognition

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