

Special Issue

Sensor Technologies for Gesture Recognition Applications in Shared Spaces

Message from the Guest Editors

Gesture Recognition is a competitive field of research that allows intelligent agents to understand human body language in shared spaces. It is based on sensor technologies to read and interpret hand movements, grasping forces, body activities, motions and posture, and hand sign languages. Gesture Recognition integrates artificial intelligence to serve various goals of human machine interactions and human–human communication in many scenarios under the context of smart cities and hybrid societies. Sensor technologies for gesture recognition in shared spaces could serve applications such as automatic recognition of sign language, interaction of humans and robots, new ways of controlling video games, virtual reality and digital twin applications, automotive vehicles and smart traffic among others. Potential topics include but are not limited to:

- Wearables and IoT for gesture recognition
- Gesture recognition sensor technologies
- Sensors and Myographic measurement methods for gesture detection
- Wearable sensors for human tracking and Gait analysis
- etc

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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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