

Special Issue

Smart Sensors and Imaging for Face and Gesture Recognition

Message from the Guest Editor

With the advent of Industry 4.0, it has become more and more important to be able to collect user responses from different modalities. To this end, a variety of smart sensors have been developed. Notable examples of smart sensors that have been utilized in several fields are sensors that monitor environmental conditions, sensors aimed at automation and maintenance, and sensors used for the IoT. Among the plethora of available smart sensors, those that are involved in the process of face and gesture recognition are of notable importance. These form an integral part in applications such as biometric authentication, fraud detection, contactless patient monitoring, user emotion recognition, and gesture-based UIs for gaming, among others. Academics and researchers are invited to present their work and research results concerning the challenges of using smart sensors in face and gesture recognition, such as recognition accuracy and speed improvement, integration in consumer devices, and AI-driven enhancement of existing sensors, aiming at fields of application including healthcare, HMI, and automation. We look forward to your contributions.

Guest Editor

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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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