

Special Issue

Sensor Systems for Gesture Recognition (3rd Edition)

Message from the Guest Editor

Gesture recognition (GR) aims to interpret 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 sum, sensor systems for gesture recognition deal with an ensemble of topics that can singularly or jointly be accessed and that represent a great opportunity for further development, with widespread potential applications. This call for papers invites technical contributions to a Sensors Special Issue providing an up-to-date overview on “Sensor Systems for Gesture Recognition”. Potential topics include, but are not limited to, the following:

- Sensor systems;
- Gesture recognition;
- Gesture recognition technologies;
- Gesture extraction methods;
- Gesture detection sensors;
- Wearable sensors;
- Human tracking;
- Human postures and movements;
- Motion detection and tracking;
- Hand gesture recognition;
- Sign language recognition;
- Gait analysis;
- Pattern recognition for gesture recognition;
- Machine learning for gesture recognition;
- Applications of gesture recognition;
- Algorithms for gesture recognition.

Guest Editor

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Deadline for manuscript submissions

closed (20 January 2026)



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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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