# Special Issue

# Sensors and Human-Robot Interaction

### Message from the Guest Editors

With the rapid progress of various sensor technologies and algorithms, robots have become more intelligent, approachable and comprehensive in their understanding and are more able to predict human behaviours, thus allowing a higher degree of interaction paradigms with better control precision, response and usability. This Special Issue focuses on the recent advances of various forms of sensor technologies, as well as their practical applications in human–robot interaction, including but not limited to the usage of multimodal sensations of vision, hearing and tactility, along with AI-based algorithms to construct, recognise, track and perform various tasks. We welcome submissions from all topics of human–robot interaction using sensors, which include, but are not limited to, the following topics:

- Vision/camera based sensors;
- Wearable sensors, devices and electronics;
- Tactile sensors;
- Human–robot interaction;
- Human–machine interaction;
- Multimodal sensing;
- Smart/intelligent sensors;
- MEMS/NEMS;
- Localization and object tracking;
- Machine/deep learning and artificial intelligence in sensing and imaging.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 July 2023)

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**Impact Factor 3.5**
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# About the Journal

## 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.

## Editor-in-Chief

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