

## Special Issue

# Advances in Human–Robot Interactions Through Multimodal Sensing and Virtual Reality

### Message from the Guest Editors

As HRI becomes increasingly embedded in everyday contexts, the ability to reliably sense and interpret human affective and cognitive states through integrated sensor frameworks will be critical to supporting user acceptance, promoting meaningful interaction, and ensuring long-term engagement. This Special Issue seeks contributions that reflect interdisciplinary and translational approaches to advancing HRI through novel sensing frameworks, algorithmic methods, system-level design, and virtual environments grounded in human-centered principles. **Fit with the scope of *Sensors*:** This special issue aligns with *Sensors* by showcasing advances in multimodal sensing technologies and algorithms that enable adaptive human–robot interactions within virtual reality environments. This Special Issue, “**Advances in Human–Robot Interactions through Multimodal Sensing and Virtual Reality**”, aims to present state-of-the-art human–robot interactions, highlighting multimodal sensing and virtual reality-based frameworks that open new possibilities for enhancing user engagement, user outcomes, and real-time system adaptability. For more information please visit: [mdpi.com/si/245605](https://mdpi.com/si/245605)

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### Deadline for manuscript submissions

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## Sensors

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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.

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