

Special Issue

Advanced Sensors and AI Integration for Human–Robot Teaming

Message from the Guest Editors

This Special Issue on "Advanced Sensors and AI Integration for Human–Robot Teaming" aims to explore the latest advancements in sensor technologies and their integration with artificial intelligence (AI) to enhance human–robot collaboration. As the fields of robotics and AI continue to evolve, the need for sophisticated sensors that can provide precise, real-time data is paramount. This issue will cover innovative sensor designs, data acquisition methods, and AI algorithms that enable seamless interaction between humans and robots. This Special Issue invites contributions that address the challenges and opportunities in developing sensors that are not only accurate and reliable but also capable of being integrated into complex AI systems. Topics of interest include, but are not limited to, sensor fusion, machine learning for sensor data interpretation, real-time data processing, and the use of sensors in autonomous systems. For more details, please visit [here](#).

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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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