

## Special Issue

# Advances in Industrial and Collaborative Robots: Sensing and Actuation

### Message from the Guest Editor

Today's advances in robotics promise to deliver autonomous systems that can work safely along with humans and improve our overall working conditions. Robot and mechatronics applications have rapidly expanded from the industrial environment to human assistance, enhancing the adaptation to surrounding environment. The scope of this Special Issue is to collect high-quality research that reports on recent advances and developments in sensing and actuation, designs sustainable robotic applications, and highlights the economic and social implications.

- collaborative robot
- machine learning
- energy efficiency in data processing and robot usage
- sensor for challenging applications
- robot perception and cognition
- safety and security implications in challenging environments
- service robot
- smart industries
- robot and mechatronic system interaction

For more information, please visit: [mdpi.com/si/184753](https://mdpi.com/si/184753)

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 July 2024)



## 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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