

Special Issue

New Advances in Robotically Enabled Sensing

Message from the Guest Editors

We invite the research community to submit contributions to this Special Issue. Manuscripts introducing novel developments in one or more of the following aspects are welcome:

- Robotic sensing;
- Robotic non-destructive testing;
- Novel integrations of robotic systems for hybrid manufacturing and inspection tasks;
- Transition from automated to autonomous robotics;
- Modelling of robotic approaches, remote inspections, and data interpretation;
- Real-time data monitoring and robot control;
- Processing, management, compression and archiving of robotically collected data;
- Machine learning, artificial intelligence, image recognition and data mining;
- Novel data visualization and analysis approaches;
- Human–robot interaction/communication in the operation of robotic inspection systems.

For more information, please visit: mdpi.com/si/140856

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Deadline for manuscript submissions

closed (31 May 2025)



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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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