

Special Issue

Sensors Technologies for Measurements and Signal Processing

Message from the Guest Editors

Advances in sensor technology and signal processing are transforming numerous fields, from healthcare and environmental monitoring to industrial automation and smart cities. As sensors become increasingly integrated into both consumer and industrial applications, there is a growing need for accurate, reliable, and efficient measurement systems capable of real-time data processing. This Special Issue aims to showcase innovative research and practical applications in sensor design, data acquisition, and signal analysis.

We invite researchers, professionals, and industry experts to submit the original research articles, review papers, and case studies for the Special Issue. Potential topics include, but are not limited to:

- sensor technology
- measurement systems
- signal processing
- MEMS sensors
- data fusion
- real-time data analysis
- precision measurements
- adaptive signal processing
- condition monitoring

If you want to learn more details, please contact Peter Wang (peter.wang@mdpi.com).

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Deadline for manuscript submissions

closed (20 August 2025)



Sensors

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Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/224597

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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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