

## Special Issue

# Advances in Robotics and Sensors for Rehabilitation

### Message from the Guest Editors

The field of rehabilitation is undergoing transformation driven by the convergence of robotics and sensor technologies. This Special Issue of *Sensors*, entitled “Advances in Robotics and Sensors for Rehabilitation”, explores this exciting intersection, showcasing cutting-edge research that is transforming how we recover from injury and illness. This Special Issue welcomes contributions that showcase the latest advancements in robotics, sensor technology, and the application of artificial intelligence methods for rehabilitation. We invite researchers to share their work on the following topics:

- Novel robotic assistive devices for physical therapy;
- Sensor integration for real-time patient monitoring;
- Wearable technology for at-home rehabilitation;
- Human-robot interaction in rehabilitation settings;
- The application of artificial intelligence and machine learning for personalized therapy.

This Special Issue aims to accelerate the development of innovative solutions that empower individuals on their path to recovery by collaboration between robotics, sensors, and AI experts.

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### Guest Editors

Dr. Vidas Raudonis

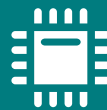
Dr. Arunas Lipnickas

Dr. Ligita Šilinė

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### Deadline for manuscript submissions

15 February 2026



## 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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### Editor-in-Chief

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