

# Special Issue

## AI-Assisted Machine-Environment Interaction

### Message from the Guest Editors

The scope of this Special Issue encompasses a wide range of topics related to AI-Assisted Machine-Environment Interaction, including but not limited to:

- **Robotics and Autonomous Systems:**
  - Advanced algorithms for autonomous navigation and obstacle avoidance.
  - Human-robot interaction and collaboration.
- **Smart Cities and IoT:**
  - AI-driven solutions for smart infrastructure and urban planning.
  - Environmental monitoring and data analytics.
- **Industrial Automation:**
  - AI applications in manufacturing and process optimization.
  - Machine learning for quality control and inspection.
- **Agriculture and Environmental Science:**
  - Precision agriculture using AI and robotics.
  - AI-based environmental impact assessments.
- **Healthcare and Assistive Technologies:**
  - AI-powered assistive devices for improved patient care.
- **Intelligent Transportation and Logistics:**
  - AI in autonomous vehicles and intelligent transportation systems.
- **Natural Language Processing and Computer Vision:**
  - AI-driven user interfaces and interaction models.

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### Guest Editors

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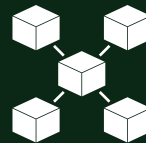
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### Deadline for manuscript submissions

closed (30 April 2026)



## Journal of Sensor and Actuator Networks

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## About the Journal

### Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

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### Editor-in-Chief

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.6 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).