

## Special Issue

# Applied Robotics in Mechatronics and Automation

### Message from the Guest Editor

Mechatronics and automation technologies significantly rely on the use of sensors, which play a pivotal role in collecting data, enabling precise control, ensuring the safety and efficiency of robotic systems, as well as enhancing the perception, navigation, and interaction capabilities of robots and mechatronic systems. This Special Issue of *Sensors* titled 'Applied Robotics in Mechatronics and Automation' invites submissions of research articles that focus on the intersection of robotics, mechatronics and automation, highlight the recent advancements in their theoretical as well as practical applications, thereby underscoring the importance of applied robotics and automation technologies in the digital future. Potential topics include, but are not limited to, robotics, mechatronics, automation, artificial intelligence, sensing technologies, human–machine interaction, industrial applications, autonomous systems, control systems, and machine learning.

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### Guest Editor

Prof. Dr. Yueh-Jaw (YJ) Lin

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### Deadline for manuscript submissions

closed (30 January 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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