

Special Issue

Advances in Mechatronics Systems and Robotics: Sensing and Control

Message from the Guest Editor

Due to the development of advanced sensing and control technologies, mechatronic systems and robotics have become intelligent and human-like, allowing for forms of interaction between users and machines, and even between machines. We encourage the submission of technically rigorous research papers that present recent fundamental new technologies, methods, and applications across all areas of mechatronics systems and robotics. This Special Issue focuses on recent advances in mechatronics systems and robotics and encourages the researcher to submit their outstanding work toward addressing this issue, focusing on, but not limited to, the following topics:

- Modeling, identification and control of mechatronics systems and robotics;
- Sensing technologies and applications in mechatronics systems and robotics;
- Fault diagnosis and fault tolerance of mechatronics systems and robotics;
- Applications of machine vision, pattern recognition, and synthesis;
- Applications of artificial intelligence, machine learning, and the Internet of Things;
- Computer-based intelligence of mechatronics systems and robotics;
- Networked mechatronic systems and robotics.

Guest Editor

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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.

Editor-in-Chief

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