

Special Issue

Advanced Mechatronics and Robotics Technologies in Industry 4.0 Era: Intelligence and Automation

Message from the Guest Editors

Robotics has emerged as a paramount area within the field of mechatronics. The latest advances in the design of systems supported by mechanical, electrical and computer engineering have made feasible the enhancement of many manufacturing processes prominent in the new Industry Era 4.0. This [Special Issue](#) aims to promote open-ended applications of mechatronic and robotics systems as novel solutions to challenges in the Industry 4.0, including learning and teaching scopes within the educational framework. We welcome original research articles and reviews in research areas including (but not limited to) the following:

- Industrial robots;
- Industrial automation;
- Industrial sensors;
- Modular robots;
- Intelligent systems;
- Robot manufacturers;
- Robot kinematics;
- Manipulators;
- Field robotics;
- Robot control;
- Localization and mapping;
- Computer vision;
- Robotics in education.

https://www.mdpi.com/journal/electronics/special_issues/Mechatronics_Robotics

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Deadline for manuscript submissions

closed (15 January 2024)



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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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