

Special Issue

Control Systems in Mechatronics and Robotics

Message from the Guest Editors

Control systems are integral to the development and operation of mechatronic and robotic systems, serving as the backbone that ensures precise and reliable performance across various applications. The primary objective of this Special Issue is to gather recent findings on control systems in mechatronics, with a particular focus on both practical and theoretical challenges. We aim to highlight efficient implementations in various applications, as well as innovative designs that demonstrate their benefits through simulations or real-time experiments. The topics of this Special Issue cover a wide range of important applications, such as:

- Advanced control algorithms (PID, adaptive control, etc.)
- Machine learning and AI in control systems
- Nonlinear control strategies
- Real-time control applications
- Control of autonomous systems
- Networked control systems
- Modeling
- Real-time embedded system;
- Practical challenges in implementation
- Simulation

Guest Editors

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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