

Special Issue

Recent Advances in Control Strategies and Applications for Mechatronic Systems

Message from the Guest Editors

Since the early 20th century, the rapid emergence of new technological advancements has led to an increase in the number of applications in mechatronic systems. The use of control systems has been instrumental in ensuring safety for various applications in the field. Designing control strategies for mechatronic systems can be challenging because of the various control objectives and design criteria that need to be achieved and met. In numerous fields of engineering, this class of systems has gained significant importance and seen widespread application. The success of such systems is largely due to their numerous technological applications. Although progress has been made in the control of these systems, significant challenges still remain. Solving complex problems and expanding the field of knowledge require new contributions employing various control strategies.

This Special Issue welcomes submissions of recent research on the control of mechatronic systems within this promising field. It aims to include a broad thematic range of papers covering recent applications of control systems.

Guest Editors

Prof. Dr. Jesús Sandoval

Prof. Dr. Eusebio Bugarin Carlos

Prof. Dr. Jose Guadalupe Romero

Deadline for manuscript submissions

30 December 2025



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/243474

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

[mdpi.com/journal/
appls](https://mdpi.com/journal/appls)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)