

Special Issue

Control and Automation, Volume II

Message from the Guest Editors

A wide range of ongoing work in the areas of controller design and information engineering reveals that the pace of technological change in this domain seems to be accelerating. The focus is on futuristic segments ranging from robotics and genomics to chemical feedstock and electrical storage. The primary objective of this Special Issue is to provide a forum for researchers and practitioners to exchange their latest theoretical and technological achievements and to identify critical issues and challenges for future investigation on the advanced automation and control techniques based on information system technologies. The submitted papers are expected to bring up original ideas and potential contributions for theory and practice. However, topics include but are not limited to the following research areas: Frontiers in control engineering; Advanced control of industrial processes; Fault diagnosis and fault-tolerant control; Modeling and control in biochemical and medical systems; Advanced software engineering in automation; Artificial intelligence-based control.

Guest Editors

Dr. Cristina I. Muresan

Faculty of Automation and Computer Science, Department of Automation, Technical University of Cluj-Napoca, Memorandumului 28, 400014 Cluj-Napoca, Romania

Prof. Dr. Eva H. Dulf

1. Faculty of Automation and Computer Science, Department of Automation, Technical University of Cluj-Napoca, Memorandumului 28, 400014 Cluj-Napoca, Romania
2. Physiological Controls Research Center, Obuda University, 1034 Budapest, Hungary

Deadline for manuscript submissions

closed (31 October 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/78129

Applied Sciences
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 5.3



[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), Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

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