

Special Issue

Automation Control and Robotics in Human-Machine Cooperation

Message from the Guest Editors

We welcome the submission of papers on the topics including but not limited to the following:

- Human-robot collaboration for manufacturing processes
- Sensing and control in robotics
- Modelling and simulation in robotics and automation—digital twins
- Advanced environment for modelling and controlling robotics applications
- Robots and Industry 4.0 concepts
- Industrial robots in research applications
- Mobile robotic platforms
- Safety in industrial robot applications
- Design and development of robots and robot end-effectors
- Study and analysis of robotic processes
- Virtual reality and augmented reality
- Techniques for online, offline robots programming
- Sensors in control and steering of the system
- Smart/intelligent sensors

Guest Editors

Dr. Wojciech Kaczmarek

Dr. Jarosław Panasiuk

Dr. Albert Smalcerz

Deadline for manuscript submissions

closed (30 November 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/81745

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)