

Special Issue

Robotics and Autonomous Systems Applications

Message from the Guest Editors

This Special Issue welcomes submissions of recent research addressing this promising application area in robotics and autonomous systems. The call is open to a broad range of papers covering robotics applications across multiple fields, technologies, and emerging research trends. The aim is to provide knowledge that supports the broader adoption of robotics and autonomous systems, while inspiring innovation and the deployment of applied robotic solutions. Recommended topics include:

- Artificial intelligence (AI) robotics;
- Physical AI for robotics and autonomous systems;
- Automation on characterization and surveillance of facilities;
- Case-based reasoning (CBR);
- Human tracking technologies (e.g., gesture recognition, facial analysis, eye tracking);
- Industrial experiments and case studies involving robotics and autonomous systems;
- Healthcare and medical robotics;
- Reviews of robotics and autonomous systems technologies;
- Social aspects of robotic technologies;
- Dynamic real-time capabilities in robotics system;
- Service robots: pilot applications and deployment experiences.

Guest Editors

Dr. Leonel E. Lagos

Moss School of Construction, Florida International University, Miami, FL, USA

Dr. Dwayne McDaniel

Department of Mechanical and Materials Engineering, Florida International University, Miami, FL 33174, USA

Deadline for manuscript submissions

20 August 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/267839

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)