

Special Issue

Advancements in Intelligent Systems: The Confluence of AI, Machine Learning, and Robotics

Message from the Guest Editors

In this Special Issue, we aim to showcase the synergy between AI, ML, and robotics, exploring how their integration is propelling the development of intelligent systems that are more autonomous, efficient, and capable of tackling complex challenges.

We invite contributions that delve into the latest research, methodologies, and applications at the nexus of these dynamic fields. Suitable topics include, but are not limited to:

AI-driven robotics for autonomous navigation and decision-making.

ML algorithms for robotic perception, learning, and environmental interaction.

Integration of AI and ML in robotic system design and optimization.

Case studies and real-world applications of AI and ML in robotics.

Interdisciplinary approaches that blend AI, ML, and robotics for novel applications.

Theoretical and practical challenges in the convergence of AI, ML, and robotics.

Guest Editors

Dr. Juan Ernesto Solanes Galbis

Department of Systems Engineering and Automation, Universitat Politècnica de València, 46022 València, Spain

Prof. Dr. Luis Gracia

Department of Systems Engineering and Automation, Universitat Politècnica de València, 46022 València, Spain

Deadline for manuscript submissions

closed (20 November 2025)



Applied Sciences

an Open Access Journal
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Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/199573

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

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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

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

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