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

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Deadline for manuscript
submissions:

closed (10 September 2024)

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.



mdpi.com/si/199573



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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.

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