

Special Issue

Robotics and AI: Planning, Control, and Applications

Message from the Guest Editors

The field of robotics has been closely tied to advances in artificial intelligence. Techniques such as machine learning, deep reinforcement learning, and computer vision now allow robots to handle tasks that once required fully manual programming or were simply not feasible. At the same time, classical problems in robotics, including building accurate models, generating efficient motion plans, and designing controllers that work reliably when conditions change, remain far from solved and continue to attract significant research attention. Recent years have seen growing interest in combining AI methods with established approaches in modeling, planning, and control. These efforts span multiple disciplines, from mechanical engineering and control theory to computer science. This Special Issue aims to bring together contributions that address the interplay between robotics and AI, with a focus on practical modeling, planning, and control problems.

Guest Editors

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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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