

Special Issue

Artificial Intelligence Techniques and Robotic Control Systems

Message from the Guest Editors

Robotic control systems are of great significance to improve innovation ability and promote the global economy development. The applications of artificial intelligence include machine vision, voice interaction, intelligent robot and path planning, etc. With the development of artificial intelligence technology, artificial intelligence technology has been widely used in robot control systems. Different from traditional robot systems, intelligent robot control systems based on artificial intelligence technology could better serve humans and society and are attracting increasing interest from the research community. The list of possible submissions includes but is not limited to:

- Multi-robot coordinated control;
- Robot path planning based on artificial intelligence techniques;
- Multi-agent system distributed intelligent control;
- Human-following algorithm for mobile robots;
- Natural human computer interaction based on robot systems;
- Robot arm grasping based on vision;
- Cooperative control of multiple underwater vehicles;
- Underwater object recognition of AUV.

Guest Editors

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Dr. Junyi Wang

Dr. Hao Wang

Deadline for manuscript submissions

closed (20 December 2022)



Applied Sciences

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CiteScore 5.5



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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.

Editor-in-Chief

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