Artificial Intelligence and Its Application in Robotics

Guest Editors:

Dr. Seong Hyeon Hong
Department of Mechanical and
Civil Engineering, Florida
Institute of Technology,
Melbourne, FL 32901, USA

Prof. Dr. Yi Wang
Department of Mechanical
Engineering, University of South
Carolina, Columbia, SC 29208,
USA

Deadline for manuscript
submissions:
20 September 2024

Message from the Guest Editors

Dear Colleagues,

Intelligent robots are critical in various domains such as personal service, medical support, smart manufacturing, transportation, military applications, smart farming, unmanned exploration, and various industrial applications. To facilitate and advance the technological developments in intelligent systems, the prestigious journal of *Applied Sciences* invites you to propose novel research in the areas of artificial intelligence and robotics. This Special Issue seeks research dedicated to artificial intelligence applied across various fields of robotics, including but not limited to advanced perception (computer vision), intelligent control, reinforcement learning, meta-learning, human–robot interaction, human–machine interfaces, unmanned and autonomous systems, multi-robot systems, path planning, mapping, innovative sensor systems, field robotics, industrial robotics, medical robotics, and service robotics.

Special Issue

Editor-in-Chief

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

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.

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), Inspec, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us