



Special Issue on Applications of AI and Robotics

Call for Papers

“Applications of AI and Robotics” is an interdisciplinary academic field that explores the development and practical use of artificial intelligence and robotic systems to perform tasks autonomously or with minimal human intervention. It encompasses machine learning, computer vision, intelligent control, human–robot interaction and autonomous decision-making. Applications span industries such as healthcare, manufacturing, transportation, agriculture, logistics, education and service sectors, aiming to improve efficiency, precision, safety and innovation.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Applications of AI and Robotics**. Potential topics include, but are not limited to:

- Autonomous mobile robotics
- Human-robot interaction
- Swarm robotics and multi-agent systems
- Machine learning for robotics
- Reinforcement learning in robotic control
- AI in robotics perception and sensing
- Computer vision for robotics
- Robotic control systems and autonomous decision-making
- Industrial robotics and smart manufacturing
- Medical robotics and healthcare applications
- Rehabilitation and wearable robotics
- Robotic surgery
- Agricultural robotics and smart farming
- Autonomous vehicles and intelligent transportation
- Service and social robotics
- Educational robotics and AI
- Defense and security robotics
- Exploration and field robotics
- Construction, inspection and infrastructure robotics
- Search, rescue and disaster response robotics

Authors should read over the journal’s [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal’s [Paper Submission System](#).



Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – Applications of AI and Robotics**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	September 29th, 2026
Publication Date	November 2026

For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

AIRR Editorial Office