Special Issue

Development and Design of Autonomous Robot

Message from the Guest Editors

This Special Issue focuses on the advancements and innovations in the development and design of autonomous robots. The topics covered explore the latest methodologies, challenges, and solutions in robotic autonomy. It includes hardware architecture, sensor integration, real-time decision-making, machine learning, and deep learning algorithms. Key discussions highlight improvements in robot mobility, perception, and interaction within complex environments. Moreover, emphasis is placed on real-world applications across sectors such as healthcare, hospitality, manufacturing, retails, and logistics, showcasing how autonomous robots are transforming these fields. By presenting cutting-edge research and practical insights, this Issue aims to provide valuable contributions to both academic and industrial communities working on autonomous systems.

Guest Editors

Dr. Tayab Din Memon

Dr. Kamran Shaukat

Dr. Sufyan Ali Memon

Deadline for manuscript submissions

24 October 2025

AI

an Open Access Journal by MDPI

Impact Factor 5.0
CiteScore 6.9

mdpi.com/si/220575

AI
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ai@mdpi.com

mdpi.com/journal/ai

AI

an Open Access Journal by MDPI

Impact Factor 5.0
CiteScore 6.9

mdpi.com/journal/ai

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Kenji Suzuki
Biomedical Artificial Intelligence Research Unit (BMAI), Institute of Integrated Research, Institute of Science Tokyo, Yokohama 226-8501, Japan

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within ESCI (Web of Science), Scopus, EBSCO, and other databases.

Journal Rank:

JCR - Q1 (Computer Science, Interdisciplinary Applications) / CiteScore - Q2 (Artificial Intelligence)

MDPI