

Special Issue

Autonomous Robots and Systems

Message from the Guest Editors

The goal of this Special Issue is to report on the theory and applications of all aspects of autonomous robotic systems. Thus, this Special Issue seeks to publish articles that deal with the theory, design, and applications of intelligence and autonomous robotics in any fields (e.g., space, sea/underwater, farming, and land), ranging from software to hardware technologies. The scope of this Special Issue includes but is not limited to the following:

- Computational architectures and AI algorithms for autonomous systems;
- Learning and adaptation in robots;
- Manipulation and locomotion;
- Motion planning and navigation;
- Studies of autonomous robot systems;
- Intelligent sensing systems (e.g., spectral, thermal, and other environmental parameters);
- Long-term autonomous observation;
- Sensing and perception;
- Multi-agent systems and swarm robotics;
- Situational awareness and safety in a co-robotic environment, etc.

Guest Editors

Prof. Dr. Tianhong Yan

School of Mechanical and Electrical Engineering, China Jiliang University, Hangzhou 310018, China

Prof. Dr. Bo He

School of Information Science and Engineering, Ocean University of China, Qingdao 266000, China

Deadline for manuscript submissions

closed (15 March 2024)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/135465

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

[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/journal/
electronics](https://mdpi.com/journal/electronics)



About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 16.8 days after
submission; acceptance to publication is undertaken in 2.4
days (median values for papers published in this journal in
the first half of 2025).