

Special Issue

Robot Motion Planning

Message from the Guest Editors

Relevant areas covered in this Special Issue include (but are not limited to):

- Planning and decision making;
- Multi-agent motion planning;
- Path formation (formation planning);
- Modular, hybrid, and reconfigurable systems for motion planning;
- Bioinspired path/route planning;
- Modern artificial intelligence technologies for robot path planning;
- Single- and multi-robot trajectory tracking;
- Vision, sensing, kinematics, and dynamics;
- Novel system design for mapping and navigation;
- Situational awareness and responsiveness.

Applications of interest include:

- Unmanned ground, aerial, and surface vehicles (UGVs, UAVs, USVs);
- Autonomous underwater vehicles (AUVs);
- Industrial and factory robots;
- Healthcare, medical, surgical, and assistive robotics;
- Service robotics;
- Soft robotics;
- Multi-agent systems.

Guest Editors

Dr. Adham Atyabi

Dr. Mohd Nadhir Ab Wahab

Dr. Somaiyeh MahmoudZadeh

Deadline for manuscript submissions

closed (30 November 2023)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.3



mdpi.com/si/116440

Electronics
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 5.3



[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 guest-edited 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 (Physics, Applied) / CiteScore - Q2 (Control and
Systems Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 16.4 days after
submission; acceptance to publication is undertaken in 2.4
days (median values for papers published in this journal in
the second half of 2024).