

Special Issue

Autonomous Vehicles: Path Planning and Navigation

Message from the Guest Editors

We are pleased to organize a Special Issue on “Autonomous Vehicles: Path Planning and Navigation”. With the growing interest and investment in autonomous driving technology, there has been a significant surge in research in this field. The articles in this Special Issue will present new ideas, methodologies, and applications that address the various challenges faced in this area. Topics will include but are not limited to, sensor fusion, machine learning, computer vision, state estimation, vehicle planning, and vehicular communication. The Special Issue will serve as a valuable platform for academics, researchers, and industry professionals to exchange ideas and discuss the challenges and opportunities in autonomous navigation. It will also provide insights into the latest research directions, potential applications, and implications for the future of autonomous vehicles. Overall, this Special Issue is meant to provide a comprehensive overview of the latest research in the field of autonomous navigation, highlight key achievements, and identify future directions for research and development. For more details: <https://www.mdpi.com/si/167381>

Guest Editors

Dr. Huan Yin

Dr. Yue Wang

Dr. Yanmei Jiao

Deadline for manuscript submissions

closed (15 May 2024)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



[mdpi.com/si/167381](https://www.mdpi.com/si/167381)

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

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