

Special Issue

Control Systems for Autonomous Vehicles

Message from the Guest Editors

The field of autonomous vehicles has witnessed remarkable advancements in recent years, driven by the integration of cutting-edge technologies in control systems. This convergence has not only revolutionized the automotive industry but has also opened avenues for interdisciplinary research and innovation. This Special Issue aims to provide a comprehensive overview of the current state of the art, addressing challenges and opportunities in this dynamic domain. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Advanced control algorithms for autonomous vehicles;
- Integration of artificial intelligence techniques;
- Advanced control system designs for precise control and maneuvering of autonomous vehicles in complex driving scenarios;
- Cooperative and coordinated control of multiple autonomous vehicles;
- Applications of autonomous vehicles in transportation, warehouse, construction, manufacturing, space exploration, etc.

We look forward to receiving your contributions.

Guest Editors

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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

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).