

## Special Issue

# Path Planning and Navigation for Autonomous Vehicles and Intelligent Robots

### Message from the Guest Editors

We are seeking innovative research contributions on topics such as path planning, perception, control, and autonomous navigation. We welcome reviews and original research articles focused on but not limited to the following topics:

- Path planning and trajectory generation;
- Robust techniques of motion control and motion planning;
- Perception, reasoning, communication, adaptation, and learning;
- Self-localization, mapping, navigation, and simultaneous localization and mapping;
- Autonomous navigation in real environments and complex scenarios;
- Autonomy, intelligent behaviors, and evolutionary and bio-inspired robots;
- Deep learning and reinforcement learning for autonomous vehicles;
- Multirobot and multi-agent systems, cooperation, and collaboration;
- Optimization and optimal control for autonomous vehicles;
- Industrial and agricultural applications of intelligent robots.

### Guest Editors

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### Deadline for manuscript submissions

15 August 2026



## Electronics

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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.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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