

## Special Issue

# Design, Communication, and Control of Autonomous Vehicle Systems

### Message from the Guest Editor

Autonomous vehicles have become an important research area in recent years. Autonomous vehicle development and its design challenges such as localization, communication, perception, prediction, and safety are emerging topics. It is important to further discuss how to design and develop autonomous vehicle systems and to address its challenges, limits, and disadvantages. Sensors are the backbone of autonomous vehicles, making them safer, more reliable, and more intelligent. This Special Issue aims to publish high-quality papers that address the challenges involved in the design, communication, and control of autonomous vehicle systems for applications in different domains such as intelligent transportation, smart manufacturing, military, etc. Authors interested in the proposed Special Issue are invited to contribute by submitting their unpublished research results related, but not limited, to the following topics:

- Unmanned/Autonomous Vehicles
- Unmanned/Autonomous Driving
- Sensor Fusion for Autonomous Vehicles
- Control Systems for Autonomous Vehicles
- Intelligent Transportation using Autonomous Vehicles
- Manufacturing Automation based on Autonomous Vehicles

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### Guest Editor

Prof. Dr. Ali Eydgahi

College of Engineering & Technology, Eastern Michigan University, 201 Sill Hall, Ypsilanti, MI 48197, USA

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### Deadline for manuscript submissions

closed (31 December 2025)



## Sensors

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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro  
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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