

Special Issue

Sensors and Sensor Fusion in Autonomous Vehicles

Message from the Guest Editors

In order to place autonomous cars slowly into our everyday lives from the world of science fiction, there was a need for new, or rather more accurate sensors and also a major development of artificial intelligence. This Special Issue of *Sensors* seeks the submission of review and original research articles related to sensors and sensor fusion in autonomous vehicles. Papers can focus on safety mistakes, security aggression, and achievable countermeasures for self-driving vehicles, as well as Blockchain-based security attacks, flexible patterns for self-driving cars, and the STPA method and six-step model to integrate autonomous vehicle safety and security. Other research can give an overview of autonomous vehicle safety or study the cybersecurity of self-driving and remotely controlled transportation. The Special Issue is open to contributions dealing with many aspects of autonomous vehicle sensors and their fusion, such as multisensor fusion, big data processing for autonomous vehicles, sensor-related research, algorithms/technical development, and artificial intelligence methods for autonomous vehicle navigation.

Guest Editors

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Dr. Gábor Kiss

Deadline for manuscript submissions

closed (20 November 2024)



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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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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