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Sensors and Sensor Fusion in Autonomous Vehicles

Guest Editors:

Prof. Dr. Jianhua Ma

Faculty of Computer and
Information Science, Hosei
University, 2 Chome-17-1 Fujimi,
Chiyoda, Tokyo 102-8160, Japan

Prof. Dr. Qun Jin

Department of Human
Informatics and Cognitive
Sciences, Faculty of Human
Sciences, Waseda University,
Tokyo 169-8050, Japan

Dr. Gábor Kiss

Institute of Mechanical
Engineering and Security
Science, Obuda University, H-
1034 Budapest, Hungary

Deadline for manuscript
submissions:

closed (20 November 2024)

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.



mdpi.com/si/85907

Special Issue



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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

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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Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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