

## Special Issue

# Sensors and Sensor's Fusion in Autonomous Vehicles

### Message from the Guest Editors

This Special Issue seeks the submission of review and original research articles related to sensors and sensor fusion in autonomous vehicles. Autonomous vehicle navigation has been at the centre of several major developments, both in civilian and defence applications. New technologies like multisensory data fusion, big data processing, and deep learning are changing the quality of areas of applications, improving sensors and systems used. New ideas like 3D radar, 3D sonar, LIDAR, and others are based on autonomous vehicle revolutionary development. The Special Issue is open to contributions dealing with many aspects of autonomous vehicle sensors and their fusion, like autonomous navigation, multi-sensor fusion, big data processing for autonomous vehicle navigation, sensors related to science/research, algorithms/technical development, analysis tools, synergy with sensors in navigation, and artificial intelligence methods for autonomous vehicle navigation.

### Guest Editors

Prof. Dr. Andrzej Stateczny

Dr. Marta Włodarczyk-Sielicka

Dr. Paweł Burdziakowski

### Deadline for manuscript submissions

closed (30 June 2021)



## Sensors

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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

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