



Sensors and Artificial Intelligence in Autonomous Vehicles

Guest Editor:

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submissions:

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Message from the Guest Editor

Dear Colleagues,

Autonomous vehicles (AVs), self-driving cars, and robotaxis have recently attracted a new level of attention from both academia and industry.

Different types of sensors (camera, laser scanner, radars, LiDAR, ultrasound, GPS, etc.) along with AI methodologies, machine learning, deep learning, and large datasets are playing major roles in further development of the AVs with a higher level of intelligence and mobility. Different types of sensors have led to increased safety, efficiency, capabilities, and more accuracies for object detection, 3D road modelling, traffic environment perception, and driver behaviour monitoring.

The Special Issue “Sensors and Artificial Intelligence in Autonomous Vehicles” welcomes open call submissions in the state-of-the-art current and emerging technologies and methodologies in utilisation of single or multi-sensors for vehicle automation and AVs.

Prospective authors are welcome to submit original research (not published or currently under consideration by any other publication or conference) and technical papers in the field.





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Message from the Editor-in-Chief

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