

## Special Issue

# Sensors and Sensor Fusion for Decision Making for Autonomous Driving

### Message from the Guest Editors

Rapid advances in technology have allowed us to witness the dawn of a new, transformative era in the road transport sector. The increasingly large circulation of connected and automated vehicles is becoming an increasingly certain and realizable fact, and furthermore a context in which technological developments and especially the foundations of machine learning and artificial intelligence are of great importance. Defining the road mobility landscape relies heavily on sensors and sensor fusion to perceive the environment, process data in real-time, and make safe and efficient decisions. Several emerging technologies allow vehicles to be sensitive to their surroundings, allowing for the collection of valuable information, but at the same time bringing with them challenges in how to use the information collected to improve the road landscape. In this Special Issue, we aim to reveal the transformative potential of sensory technology-driven systems, with a specific focus on improving mobility, increasing safety, reducing environmental impact and offering unprecedented levels of comfort to passengers and vulnerable road users.

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## Sensors

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*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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