

Special Issue

Sensors and Systems for Automotive and Road Safety

Message from the Guest Editors

This Special Issue focuses on the topic of vehicle safety research, in the design, construction and equipment of vehicles to minimise the occurrence and consequences of road crashes. New developments in vehicles are intended to reduce the number of accidents caused by human error and prevent fatalities, but also to reduce fuel consumption and lower exhaust emissions.

Advanced safety systems used for this purpose require sensors both inside and outside vehicles to detect and identify objects, determine their movement parameters, monitor the behaviour of drivers and passengers and predict future behaviour in order to avoid potential collisions. Transport and road infrastructure safety is closely related to vehicle safety. Intelligent transport infrastructure systems comprise various technologies, including telecommunications, information technology, automatic systems using complex measurement systems and sophisticated analysis methods. They support the transport system, increasing its efficiency and improving the safety of road users.

Guest Editors

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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

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