

Special Issue

Intelligent Sensors and Sensing Technologies in Vehicle Networks

Message from the Guest Editor

Vehicle technologies are always in need of more sensing technologies in order to increase safety on the road and the comfort of passengers. Novel and more-precise sensors are needed both inside and outside of the car. Outside, the sensors are mainly used for understanding the external environment and for increasing safety on the road. They are based on visual and wireless radio-frequency technologies and include more immediate communications of sensing information among the sensory infrastructure elements. The challenges that sensors face are related to the impossibility of foreseeing the conditions on the road, including unpredictable human behavior and weather conditions. On the other hand, the comfort and well-being of the passengers, especially the driver, are the main concern of sensing technologies inside the car. These technologies are normally based on both contact sensing and contactless sensing, including visual and acoustic sensors. For detailed information, please visit [here](#).

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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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