

Special Issue

Sensors and Sensor Fusion for Future Mobility Systems

Message from the Guest Editors

This Special Issue will provide an overview of recent research related to the new generation of sensor technologies, sensor processing and fusion, and fusion architecture for efficient, reliable, and robust connected, smart, and future mobility system development. Indeed, prior to ensuring a high level of accuracy and safety in the deployment of connected and automated driving applications, it is necessary to guarantee a high level of information and perception quality, and to monitor the sensor and perception performances. Therefore, research contributions addressing sensor data improvement, sensor data restoration methods, sensor reliability/robustness/integrity assessment, adaptive, and innovative perception methods, AI-based fusion approaches, cooperative and connected perception, risk assessment, and safe operation methods for sensor failure detection, identification, and correction are welcome.

Guest Editors

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Dr. Olivier Orfila

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Prof. Dr. Sebastien Glaser

Deadline for manuscript submissions

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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

Prof. Dr. Vittorio M. N. Passaro

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