



sensors



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Sensors and Sensor Fusion for Future Mobility Systems

Guest Editors:

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Dr. Olivier Orfila

Prof. Dr. Homayoun Najjaran

Prof. Dr. Sebastien Glaser

Deadline for manuscript
submissions:

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Message from the Guest Editors

Dear Colleagues,

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.

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Special Issue



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Message from the Editor-in-Chief

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