

Special Issue

IoT Sensing Systems for Traffic Monitoring and for Automated and Connected Vehicles

Message from the Guest Editors

The particular topics of interest for this Special Issue include but are not limited to the following:

- New technologies for sensors and for networking transceivers (RF, photonics, and MEMS/MOEMS);
- V2X and 5G networking technologies;
- Advances in social sensors;
- Advances in physical sensors (lidar, radar, videocameras, ultrasonics);
- New applications and services for mobility of people and goods and for smart cities infrastructure;
- Edge and cloud paradigms for sensing systems, localization/navigation, and vehicular networks;
- Enabling technologies for traffic monitoring and fleet management;
- Cybersecurity/trust/privacy in IoT sensing systems and vehicular networks;
- Functional safety and standardization;
- Data analytics and machine learning for sensors fusion and vehicular networks;
- Embedded systems and HPC architectures for sensing and vehicular networks;
- Modeling, optimization, and performance evaluation of vehicular networks;
- Simulation of autonomous connected vehicles and mobility traffic;
- Results from experimental systems and prototypes in industry and academia.

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About the Journal

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.

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