Special Issue

Sensor Networks in Future Vehicles: Applications, Architectures, and Emerging Trends

Message from the Guest Editors

This Special Issue will focus on state-of-the-art research dedicated to wireless/mobile network technologies, with the utilization of sensing data for automation and data analysis in vehicular applications. The approved topics include, but are not limited to:

- Advances in vehicular ad hoc networks (VANETs);
- Sensor communications (V2V/V2I/in-vehicular);
- Opportunistic forwarding/routing in VANETs;
- Self-organizing sensor systems for future vehicles;
- Co-existence of DSRC (IEEE 802.11bd, 5G NR) for future vehicles;
- Blockchain-empowered sensor networks for future vehicles;
- Data security (fragmentation/trust-based forwarding);
- Architecture and protocols for AI/ML-enabled future vehicles;
- AI/ML-enabled sensor networks for connected and autonomous driving;
- Prediction-based data processing;
- Vehicular mobility/network analysis;
- Simulation tools and performance evaluation techniques for future vehicles.

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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.

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