

Special Issue

Cooperative Perception for Intelligent Vehicles

Message from the Guest Editors

This Special Issue solicits the submission of high-quality papers from academia and industry that aim to solve open technical problems or challenges in the context of cooperative perception. Original and innovative contributions on all aspects, both theoretical and experimental, are all welcome. Potential topics include, but are not limited to, the following:

- Application development and validation based on cooperative perception
- V2X communication algorithms and protocols
- Communication technologies
- Radio resource allocation
- Congestion control
- Infrastructure-assisted solutions
- Security analysis and algorithms
- Artificial intelligence and machine learning-based cooperative perception
- Sensor design and configuration
- Sensor architectures and technologies
- The impact of sensor data and sensor data fusion quality
- Sensor data fusion problems, algorithms and architectures in the context of cooperative perception
- Simulation platforms and experimental testbeds

Guest Editors

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Deadline for manuscript submissions

closed (15 June 2021)



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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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