

Special Issue

mmWave and 5G Beyond for Vehicular Wireless Communications

Message from the Guest Editor

This special issue aims to explore both in- and out-car communications to enhance the autonomous driving experience. The topics of interest include, but are not limited to:

- MmWave communication for 5G/B5G/6G
- Beamforming, precoding, channel estimation, etc., for mmWave communication
- Beamforming, power allocation, user pairing techniques and joint designs for mmWave NOMA
- Performance evaluation and system design for mmWave-NOMA
- Beamforming and self-interference cancellation for mmWave full-duplex communications
- Performance analysis and system design for mmWave full-duplex communications
- CAM deployment, beamforming, beam tracking techniques and joint designs for mmWave CAM communications
- Mobility management and blockage issues in mmWave CAM communications
- Very high data rate and very long distance mmWave data links - Security and Privacy in mmWave communications
- High-frequency antenna design
- In-car CAN bus communication
- Artificial Intelligence optimization

Guest Editor

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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.

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