



Microwave and Millimeter-Wave Technologies for Vehicular Communications and Autonomous Driving

Guest Editor:

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Deadline for manuscript submissions:

closed (31 July 2021)

Message from the Guest Editor

This Special Issue collects the most relevant research works in the area of vehicular technologies, with special emphasis on microwave and millimeter wave techniques and methods. Potential applications are not limited to cars, but address automated land, sea, and airborne vehicles, automotive radar and other sensing techniques, navigation and localization, mobile communications, driver assistance, etc.

The Special Issue topics include the followings:

- Front-end architecture for road-side units and on-board units;
- Microwave and millimeter systems, modules, and components;
- Automotive radar systems, modulation, waveforms, and compressive sensing;
- Interference and coexistence issues;
- Design and testing of antennas;
- Channel measurements and modeling;
- Mobile communications technique and performance;
- Sensing and imaging techniques and systems;
- Wireless localization, navigation, and sensor networks;
- System measurements, performance evaluation, test, and validation.





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Message from the Editor-in-Chief

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