

Special Issue

Intelligent Perception for Autonomous Driving in Specific Areas

Message from the Guest Editors

This Special Issue will publish papers that reflect research and innovation in the area of intelligent perception for automatic driving in specific areas, including but not limited to the following main topics: lane line/drivable area detection for automatic vehicles; object/obstacle detection and tracking in specific areas; scene segmentation/ understanding for automatic vehicles; object/obstacle classification, detection, and tracking in fog/rain/snow; roadside intelligent perception; vehicle–road collaborative perception; vehicle–vehicle collaborative perception; scene reconstruction and understanding; high-precision positioning; depth completion of perception data; data enhancement.

Guest Editors

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Dr. Jiaqi Ma

Dr. Zhangyu Wang

Deadline for manuscript submissions

closed (20 August 2023)



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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.

Editor-in-Chief

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