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Sensors and Object Detection for Autonomous Driving in Adverse Conditions

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Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editor

Dear Colleagues,

Autonomous driving benchmarks for object detection have primarily focused on local regions and benign conditions, yet much more diversity of environment and conditions will be required for these vehicles to reach the public market. Some detection benchmarks, such as the Waymo and CADC datasets, include precipitation and winter conditions but still rely primarily on vision and lidar as the primary sensing modalities. This Special Issue seeks papers that directly address issues related to autonomous driving in adverse conditions, from the sensor, dataset, or algorithmic side, in order to shine a light on the myriad challenges that remain in robust object detection in all weather conditions and driving environments.

For detailed information, please visit [here](#).

Dr. Steven L. Waslander

Guest Editor



mdpi.com/si/74971

Special Issue



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Message from the Editor-in-Chief

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