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## Sensors Technology in Autonomous Vehicles and Automated Driving Status, Perspectives and Societal Impact

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### Message from the Guest Editors

Dear Colleagues,

Self-driving vehicles are expected to significantly reduce the number of fatal accidents caused by human error by enabling faster decision-making by a central unit that processes signals from built-in sensors. Level 4 self-driving vehicles are already on the road, capable of handling a large proportion of traffic situations and making driving more comfortable. Researchers are slowly focusing on the implementation of Level 5 full self-driving, which can now get passengers to their destination without human intervention, overcoming all traffic obstacles. Successful implementation will require not only good decision-making after proper processing of the data from sensors, but also social acceptance, as self-driving vehicles will have a significant impact on today's transport. This special issue of the journal focuses on these areas.

Potential topics include but are not limited to:

- Processing sensor data from self-driving vehicles
- Central unit decision-making
- Societal issues in the field of self-driving vehicles
- Perspectives in the field of self-driving
- Possible sensors in future self-driving vehicles



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# Special Issue



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## Message from the Editor-in-Chief

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