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## Vehicle State Estimation and Localization for Autonomous and Connected Vehicles

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Deadline for manuscript submissions:

**closed (19 August 2022)**

### Message from the Guest Editors

Dear Colleagues,

In recent years, several companies and research groups have invested in the topic of autonomous and connected vehicles to improve the safety, efficiency, and comfort of road users. To operate the autonomous and connected vehicles, a vehicle state estimator is necessary to estimate its own state (such as motion, orientation, behavior, and trajectory), as well as other vehicles. Localization can be part of the state estimator which estimates the vehicle pose (position and orientation). The estimator obtains the vehicle state estimates using information from onboard sensors (LiDAR, radar, camera, GPS, IMU, etc.) and communications (in-vehicle networks, wireless networks, etc.) through various theoretical approaches (Bayesian filtering, optimization, machine learning, etc.).

This special issue focuses on vehicle state estimation and localization for the connected and autonomous vehicles. We welcome original research contributions and state-of-the-art reviews, from academia and industry.

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## Message from the Editor-in-Chief

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