Special Issue

Advancements and Applications of Cooperative Positioning, Planning and Control for Autonomous Vehicles

Message from the Guest Editor

This Special Issue of the *Sensors* journal, titled "Advancements and Applications of Cooperative Localization, Planning and Control for Autonomous Vehicles", aims to explore the latest developments and practical applications of collaborative techniques in the field of vehicle positioning, planning and control. Cooperative localization refers to the integration of sensing information from multiple vehicles to improve the accuracy and reliability of vehicle positioning in various environments. Cooperative planning involves coordinating the actions and trajectories of multiple vehicles to more effectively and efficiently achieve a common objective such as task allocation, trajectory planning and collision avoidance. Cooperative control for multiple vehicles involves designing control strategies that enable a group of vehicles to work together towards a common objective such as platooning and formation control, while taking into account the dynamics and constraints of each individual vehicle.

Guest Editor

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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.

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