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Sensing, Optimization, and Navigation on Vehicle Control

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Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

Vehicle controls systems are control commands directed to vehicle actuators that control steering, throttle, and braking, as well as other related commands to support a safe transition between manual and automatic vehicle control. Additionally, the various parts of sensing, positioning, or motion control and energy optimization are crucial for its operation. Therefore, how sensors/sensing technology, navigation and positioning technology, and energy management optimization can be better applied to vehicle local control is a great challenge.

The aim of this Special Issue is to offer the engineering and scientific community a compendium of the most innovative works related to the different new technologies to achieve this goal: guidance and control, sensing technology, sensor systems, navigation and positioning, digital modelling and simulation, collision avoidance, safety, energy management optimization, new generation clean propulsion control and optimisation, intelligent transportation, etc.



mdpi.com/si/124752

Special Issue



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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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