Special Issue

Advancements in Connected and Autonomous Vehicles

Message from the Guest Editor

Connected autonomous vehicles (CAVs) hold immense promise in revolutionizing transportation, offering benefits in energy efficiency, crash prevention, traffic management, etc. Through real-time data exchange, CAVs optimize routes and driving behavior, resulting in reduced fuel consumption and emissions, while their interconnectedness enables crash prediction and prevention, potentially saving countless lives. Furthermore, CAVs have the potential to alleviate traffic congestion by coordinating movement and streamlining traffic flow.

In light of these challenges, this Special Issue welcomes researchers to contribute their valuable findings to address the multifaceted issues surrounding CAVs. Research focusing on security solutions, safety standards, testing methodologies, verification techniques, energy-efficient solutions, and infrastructure readiness will play a pivotal role in unlocking the full potential of CAVs. By surmounting these challenges, researchers can pave the way for a safer, more energy-efficient, and seamlessly integrated autonomous future in transportation.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2025)

Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 6.1

mdpi.com/si/181092

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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