Special Issue

Advanced Technologies in Automated Driving

Message from the Guest Editors

Vehicles of the future will continuously communicate within a heterogeneous ecosystem, where information will be shared and processed through deterministic algorithms and artificial intelligence, to improve safety and efficiency of mobility. Multiple connectivity options, including satellite, will provide pervasive, ubiquitous, fault-tolerant, bearer-independent, network coverage. Vehicles and their passengers will use a set of different services (including entertainment) that will extend and evolve along the path toward autonomous driving, which is state-of-the-art for rails and a fascinating target for roads. We would like to encourage our colleagues to prepare original manuscripts to disseminate information about research results, ongoing projects, and new technological testbeds and achievements about cooperative and automated driving, not limited to roads, but also including rails and others. **Keywords:** cooperative driving; autonomous driving; heterogeneous networks; wireless communicatcons; accurate positioning; C-ITS and smart mobility; DSRC/ITS-G5/C-V2X; machine learning; ect.

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Deadline for manuscript submissions

closed (31 December 2023)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/125836

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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