

Special Issue

Human Factors in Automated Driving and Intelligent Transportation System

Message from the Guest Editors

Human factors are important to address in the field of intelligent transportation systems (ITSs), especially for automated driving (AD). As technology advances, the interaction between humans and automated systems becomes increasingly complex, necessitating a deeper understanding of how drivers interact with, adapt to, and perceive these technologies. This Special Issue seeks to explore these dynamics, focusing on aspects such as driver behavior, trust and acceptance of automated systems, cognitive load, ergonomics, and the impact of AD on traffic safety and efficiency. By delving into these topics, we aim to bridge the gap between technological capabilities and human needs, ensuring that automated driving systems are both effective and user-friendly. This Special Issue encourages authors from academia and industry to submit new research results about technological innovations and novel ideas in the context of human factors in automated driving and intelligent transportation systems.

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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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