

## Special Issue

# Trends and Future Prospects in Intelligent Vehicles and Autonomous Driving

### Message from the Guest Editor

As a promising form of intelligent transportation, highly automated and autonomous vehicles have shown the potential to revolutionize our transportation systems. Considering that the roles of human drivers and passengers is still of critical importance, the focus of our attention shifts from the sheer feasibility of automated driving (AD) to the different facets of human factors in this field. To better understand this human-machine system and relevant requirements, different research has been done. We need to comprehensively consider human-related issues to achieve possible innovations and overcome potential human discomfort. The major goal of AD is to ensure a safe, pleasant and sustainable/efficient driving experience, for both passengers and other road users. This Special Issue aims to showcase the ongoing developments, new projects, current achievements and future perspectives of automated driving, from a human-centric perspective. Researchers are welcome to contribute original research or review papers.

### Guest Editor

Prof. Dr. Klaus Bengler

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### Deadline for manuscript submissions

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## Applied Sciences

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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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### Editor-in-Chief

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