

## Special Issue

# Advances in Navigation and Control of Autonomous Vehicles

### Message from the Guest Editors

In the past five years, we have witnessed the rapid development of autonomous driving. However, this field still faces many unsolved problems of safe navigation and control in complex environments. Typical challenges include unprotected left turns in dense traffic, ramp merging to a busy lane, autonomous driving in unstructured environments, time-efficient parking in a small space, safe and reliable motion control on poorly built or even unpaved surfaces, interactive driving with other manually or automatically driven vehicles, etc. This Special Issue will focus not only on new methods and algorithms of navigation and control, but also their implementation and validation in important applications.

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### Guest Editors

Dr. Daofei Li

Dr. Weichao Zhuang

Dr. Yafei Wang

Prof. Dr. Duanfeng Chu

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### Deadline for manuscript submissions

closed (20 September 2023)



## 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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