

## Special Issue

# Mechanical Properties and Performance Analysis of Vehicle Dynamics

### Message from the Guest Editors

This Special Issue is devoted to solving the various problems of vehicle dynamics, relating both to road and rail vehicles as well as aircraft vehicles. Maintenance dynamics is a crucial area which can be a factor determining the safety, ease, and faultlessness of the operation of the means of transport. Modern technology involves seeking solutions to many problems, mainly related to alternative sources of energy and the issue of autonomy in the means of transport. Of course, this does not mean that only electric or autonomous vehicles are subject to this issue. Vehicle dynamics involves a wide array of complex phenomena typical for each type of a vehicle, regardless of it moves on a road, on a railway, or in the air. Therefore, the aim of this Special Issue is to collect the latest research of scientists and present selected papers focused on the theoretical, experimental, or simulation aspects of vehicle dynamics.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 June 2024)



## 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

Prof. Dr. Giulio Nicola Cerullo  
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