

## Special Issue

# Vehicle Technology and Its Applications

### Message from the Guest Editors

The focus of this Special Issue is to highlight recent developments in vehicle technology and its applications. Rapid advancements in technology have brought about significant transformative changes in the automotive industry. Vehicle technology encompasses various aspects such as electrification, autonomous driving, connectivity, and advanced driver assistance systems (ADASs). As the automotive landscape evolves, this Special Issue welcomes the submission of original research and comprehensive reviews focusing on the latest advancements in vehicle technology and its diverse applications. We invite submissions that explore topics including, but not limited to:

- Autonomous vehicle algorithms and perception systems;
- Human-machine interfaces and user experience in vehicles;
- Energy-efficient propulsion systems and powertrain technologies;
- Connectivity solutions and in-car infotainment systems;
- Safety enhancements through ADAS and predictive analytics;
- Environmental impact and sustainability of vehicle technologies;
- Electric vehicle charging infrastructure and smart grid integration.

### Guest Editors

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### Deadline for manuscript submissions

closed (29 August 2024)



## Applied Sciences

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## About the Journal

### 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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