

## Special Issue

# Novel Methods and Technologies for Intelligent Vehicles

### Message from the Guest Editor

Intelligent vehicle (IV) is a comprehensive system that integrates functions such as environment perception, planning, and decision making, and multi-level assisted driving. In recent years, with the development of hardware and software, the technology of Intelligent Connected Vehicle (ICV) has achieved rapid progress. However, there are many critical and difficult issues that remain to be addressed. This special issue is dedicated to papers focusing on novel methods and technologies for intelligent vehicles. Researchers from both academia and industry are welcomed to submit unpublished research work related to the perception, decision-making and control, and other key technologies of IV. This includes but is not limited to the following:

- Intelligent Connected Vehicles;
- Artificial Intelligence;
- Navigation and Localization;
- Environmental Perception;
- Cooperative Vehicle Infrastructure Systems;
- Data Fusion;
- Driver-autonomous Integration Cooperative Driving;
- Decision-making and Planning;
- Vehicle Dynamics Control.

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### Guest Editor

Dr. Zhijun Chen

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### Deadline for manuscript submissions

closed (30 September 2022)



## 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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