



Novel Methods and Technologies for Intelligent Vehicles

Guest Editor:

Dr. Zhijun Chen

Intelligent Transportation
Systems Research Center, Wuhan
University of Technology, Wuhan
430070, China

Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editor

Dear Colleagues,

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 Researchers from both academia and industry are welcomed to submit unpublished research work related to the perception, decision-making and control, and other key technologies of IV.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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)