

## Special Issue

# Recent Advances in Intelligent Vehicle

### Message from the Guest Editors

Intelligent vehicles have been considered an essential way to improve urban mobility and reduce emission pollution and traffic accidents. With the development of artificial intelligence, such as deep learning, intelligent vehicle technologies have obtained enormous success. However, due to the unmaturation of critical technologies, such as environment perception, motion planning, behavior decision, and motion control, the intelligent vehicle still cannot be deployed to real and complex scenarios. The intelligent vehicle is a very complicated technical system. Critical technologies from different disciplines, such as sensor technology, pattern recognition, control engineering, artificial intelligence, and vehicle engineering, can affect its performance. This Special Issue explores the recent progress in these related research fields. Welcome topics include, but are not strictly limited to the following:

- Imaging and sensor technology;
- Environment perception technology;
- Planning and control technology;
- Navigation and localization technology;
- Intelligence test and evaluation.

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### Guest Editors

Dr. Biao Yu  
Dr. Jiajia Chen  
Dr. Xiang Dong

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### Deadline for manuscript submissions

closed (31 December 2025)



## World Electric Vehicle Journal

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## About the Journal

### Message from the Editor-in-Chief

The *World Electric Vehicle Journal* is the official journal of the World Electric Vehicle Association (WEVA) and its members the European Association for Electromobility (AVERE), the Electric Drive Transportation Association (EDTA), and the Electric Vehicle Association of Asia Pacific (EVAAP). Since its foundation in 2007, the journal has aimed to provide a publishing platform for the academic and industrial world to share the latest developments and knowledge about electric vehicles. If you are developing Electric, Plug-in Hybrid, Hybrid Electric, or Fuel Cell Vehicles, we cordially invite you to consider us as the place for you to publish your latest results and innovations.

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### Editor-in-Chief

Prof. Dr. Joeri Van Mierlo

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