

## Special Issue

# Environmental Perception, Information Security, and Expected Functional Safety in Intelligent Vehicles

### Message from the Guest Editor

At present, environment perception is a very important part of technological research in the field of autonomous driving. Accurate and real-time target detection is an important function for autonomous vehicles for accurately perceiving the surrounding complex environment. A classic problem of autonomous driving target detection is how to accurately and robustly judge the information of surrounding objects, such as the category, size, distance, position, and attitude in harsh and changeable scenes. Therefore, research should be carried out in the fields of 3D target detection, multimodal fusion, and depth estimation. The Special Issue mainly hopes to contribute to improving environmental awareness of autonomous driving.

#### Topics include:

- Object detection;
- Target tracking;
- Multimodality fusion.

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### Guest Editor

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### Deadline for manuscript submissions

closed (15 July 2023)



## 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

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