

Special Issue

Future Autonomous Vehicles and Their Systems: Emerging Technologies and Applications

Message from the Guest Editors

This Special Issue will publish high-quality, original research papers in the following overlapping fields:

- Artificial intelligence, machine learning, and deep learning;
- Reinforcement learning;
- Environment perception;
- Cooperative, augmented, and agnostic perception;
- Object detection and localization;
- Real-time tracking;
- Localization;
- Semantic segmentation;
- Scene analysis and understanding;
- Control, optimization, and prediction;
- Neuro-adaptive observers and nonlinear controllers;
- Vehicle localization and autonomous navigation;
- Security, privacy, and safety systems;
- Cyberattacks systems;
- Multisensor fusion systems;
- V2X communications and networks;
- Sensors and detectors;
- Human factors and HMI;
- Embedded systems;
- Traffic modeling;
- Autonomous vehicle and user interactions.

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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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