



Machine Learning for Connected and Autonomous Vehicle for Mixed Traffic Environment

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Message from the Guest Editors

Dear Colleagues,

This Special Issue covers the following relevant areas (not an exhaustive list):

- Vehicle trajectory prediction;
- Driving behavior prediction;
- Safe and efficient longitudinal and lateral movements;
- Route planning in mixed traffic;
- Vehicle routing in mixed traffic;
- Reliable vehicular communications;
- Edge/fog-computing-assisted traffic management;
- Driving CAVs under legacy road and traffic situations;
- Vehicle clustering;
- Vehicle state estimation;
- CAV communication technologies (WiFi/DSRC/5G LTE/cognitive communications);
- Efficient ML (deep learning, reinforcement learning, etc.)-based CAV computation and architecture;
- Co-operative and distributed federated learning for CAVs;
- ML-assisted security and privacy in CAVs;
- Energy efficiency in mixed traffic.





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Message from the Editor-in-Chief

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