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## Machine Learning for Connected and Autonomous Vehicle for Mixed Traffic Environment

Guest Editors:

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Deadline for manuscript submissions:

**30 March 2022**

### Message from the Guest Editors

Dear Colleagues,

Connected and autonomous vehicles (CAVs) are an imperative emerging technology for the future intelligent transportation systems (ITSs).

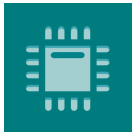
This Special Issue covers the following relevant areas (not an exhaustive list):

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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# Special Issue



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