



## Machine Learning Techniques in Autonomous Driving

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Deadline for manuscript  
submissions:

**closed (15 July 2024)**

### Message from the Guest Editor

Dear Colleagues,

Technical advancements in this area of study are thought to hasten the convergence of current and developing autonomous vehicle systems, paving the way for machine-learning-based xGeneration autonomous vehicle systems. The scope of the Special Issue includes, and is not limited to, the following topics:

- Deep learning for perception and environment awareness for V2X networks;
- Unsupervised and supervised learning for autonomous driving;
- Real-time prediction and edge computing utilizing machine learning;
- Deep-learning-assisted coordination between on-board vehicle and infrastructure sensors;
- Practical consideration on machine learning for autonomous driving metrics;
- Wireless channel propagation modeling: vehicle to infrastructure, vehicle to vehicle and ground vehicle to aerial vehicles;
- Cybersecurity for autonomous systems;
- Enhanced transfer learning for autonomous driving.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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