



Intelligent Traffic Control and Optimization

Guest Editors:

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Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editors

The aim of this Special Issue is to welcome original research and surveys with a focus on intelligent traffic control and optimization theories and applications, based on advanced technologies. It also aims to promote the exchanges and interactions between investigators across different fields. We invite high quality, original research articles, as well as review articles.

Potential topics include, but are not limited to, the following:

1. Transport infrastructure layout and design for IOT applications;
2. Transportation cyber-physical systems modeling;
3. Traffic information detection and fusion based on vehicle-to-infrastructure sensing;
4. Intelligent traffic signal control and cooperative intersections;
5. Advanced control technology for connected and automated vehicles (CV/AVs);
6. Cooperative control of signal intersections and CV/AVs with V2X communications;
7. Traffic flow optimization in the mix of human-driven vehicles (HDVs) and CV/AVs;
8. Integration and cooperative optimization of multimodal transportation systems;
9. Traffic system simulation under V2X communication environment.





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Editor-in-Chief

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Message from the Editor-in-Chief

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