



Emerging Communication, Computing and Control Technologies for Internet of Vehicles

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Deadline for manuscript submissions:

closed (20 August 2023)

Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue is to present emerging communication, computing and control technologies for IoV. The editorial board invites academic researchers and industrial experts to submit insightful and revolutionary contributions in the form of research and review articles focusing on, but not limited to, the following potential topics:

- IoV architecture and system design;
- IoV applications and smart transportations;
- Communication technologies and protocols for IoV;
- Resource optimization/scheduling and QoS guarantee for IoV;
- Cloud/edge/fog computing enabled IoV;
- Machine learning, deep learning and federated learning for IoV;
- IoV-based intelligent traffic signal control;
- IoV-based traffic management and congestion control;
- Autonomous driving techniques for IoV;
- Data-driven intelligent transportation systems (ITS);
- Signal sensing, processing, transmission techniques for IoV;
- Intelligent control techniques;
- Computer vision and pattern recognition for IoV;
- Camera/Radar/Lidar-based tracking and detection systems.





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Message from the Editor-in-Chief

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