

Special Issue

Cooperative Perception and Control for Autonomous Vehicles

Message from the Guest Editors

With the rapid development of perception technology and the improvement of intelligent transportation systems, the status of intelligent connected vehicle applications in autonomous vehicles (AVs) has been gradually improved. Motion control and cooperative perception are important research fields of AVs, so how to effectively deal with scene complexity, environment variability, traffic dynamics, and game interaction are the main challenges for research. Therefore, This Special Issue aims to put together original research and review articles on recent advances, technologies, solutions, applications, and new challenges in AVs' cooperative perception and control systems. Potential topics include but are not limited to:

- Motion control of AVs;
- Cooperative perception method;
- Sensor equipment application;
- Environmental perception;
- Traffic safety control theory;
- Modern intelligent science and game theory;
- Multi-agent learning;
- Avs efficiency;
- Cooperative control of Avs.

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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