

## Topical Collection

# Advance Technologies of Navigation for Intelligent Vehicles

### Message from the Collection Editors

The primary purpose of this Special Issue is to explore and display the latest achievements of theory and practice related to the advanced technologies of navigation for intelligent vehicles. The areas of interest include but are not limited to:

- Overview of intelligent vehicles;
- Signal processing methods and sensor modules for intelligent vehicles;
- Autonomous navigation in GPS-denied environments;
- Multi-sensor target localization and tracking;
- Autonomous decision making for game and cooperation;
- Cooperative path planning and re-planning for homogeneous/nonhomogeneous vehicles;
- Synchronization for large-scale networks of intelligent vehicles;
- Learning-based and bio-inspired control for complex tasks;
- Distributed optimization and parallel decision making;
- Fault tolerance and robustness in disturbed and uncertain environments;
- Artificial intelligence in swarm cooperative control;
- Deep learning for resource-constrained embedded vision sensor applications;
- Event-driven control strategies for silent and camouflaged intelligent vehicles.

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### Collection Editors

Dr. Jinwen Hu

Prof. Wei Meng

Dr. Shenghai Yuan

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## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

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