



High Precision Positioning for Intelligent Transportation System

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Message from the Guest Editors

Intelligent transportation systems play an important role in the sustainable development of the world economy. In the era of autonomous driving, intelligent transportation systems will see disruptive transformation and enable smart mobility.

This Special Issue aims to highlight advances in all aspects of high-precision positioning in intelligent transportation systems for different objects, including land vehicles, pedestrians, unmanned aerial vehicles (UAVs), underwater vehicles, considering GNSS signals, ground signals, and their combinations. Up-to-date reviews and original works are both accepted in this issue. Topics include but are not limited to:

- Multi-GNSS receivers and emerging navigation satellite systems;
- Design, prototyping, and testing of positioning devices;
- Detection and mitigation techniques for adverse propagation conditions;
- 5G Positioning;
- Multisensor fusion;
- Cooperative localization;
- LiDAR Odometry;
- Visual Odometry;
- Simultaneous localization and mapping;
- Positioning with HD maps.





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Message from the Editor-in-Chief

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