

Call for Papers

Special Issue on **Wireless Sensor Networks in Intelligent Transportation Systems**

In recent years research into intelligent transportation system (ITS) has become increasingly prevalent. ITS has deeply influenced the social transportation and traffic, such as prediction of bus arrival time, driving assistance and bus dispatching. Wireless sensor networks (WSNs) have been applied in ITS for the monitoring of parking lots, control of traffic, estimation of traffic and so on. As a part of WSN, wireless vehicular sensor networks (VSNs) have garnered more interest in recent years, and the successful applications of WSN in ITS have caused great interest, such as vehicle positioning, accident detection, road condition monitoring. Recently, vehicular-to-vehicular (V2V) and vehicular-to-infrastructure (V2I) networks has become a hot topic, which also enriches ITS and deserve more attention.

This special issue aims to foster the dissemination of high quality research using new ideas, methods, techniques and the applications of sensor networks for the development of intelligent transportation systems. Contributions containing new insights and findings in this field are welcome. We invite authors to contribute both original research articles and review articles to this special issue. Papers will be peer-reviewed and selected on the basis of both their quality and their relevance to the theme of this special issue.

Potential topics include, but are not limited to:

- Wireless sensor networks for autonomous driving vehicles
- ITS technologies for urban bicycles and non-motor vehicles
- Emerging inter/intra-vehicle and infrastructure-to-vehicle wireless technologies
- Novel application of WSN in ITS
- Cooperative work (e.g. positioning) of vehicles or infrastructures for ITS
- Application of smartphones in ITS
- Economic design of the wireless network for ITS

The submitted manuscripts for this special issue will be peer-reviewed before publication.

Find the submission guidelines here: <http://bit.ly/IJDSN-Guidelines>
Please submit your article here: <http://bit.ly/IJDSN-Submit>

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