



Intelligent Transportation System

A Special Track of the
10th International Symposium on Visual Computing
(ISVC14) <http://www.isvc.net>
December 8-10, 2014
Las Vegas, Nevada, USA

Scope:

The scope of Intelligent Transportation System (ITS) has been enlarging from reducing traffic accidents and casualties on the road, to integrating energy, mobility, and information communication technology so that we can improve the overall transportation experience. It also has applications in surveillance scenarios and security applications such as restricting access of vehicles. It can also encompass scenarios that help users to do geographic recognition from the dashboard camera.

As such, advances in computer vision are the key to unlocking the full potential of many of the relevant technologies related to ITS. As industry starts looking at the viable proposals for self-driving cars and changing mindset for greater acceptance of such technology, it is important to push the envelope for scientific research to support such efforts. The purpose of this track is to advance the current state of the art of ITS and its wide range of applications with respect to visual processing technologies.

Topics:

The topics of interest include but are not limited to the following areas:

- Video Surveillance
- Traffic Monitoring
- Autonomous or Semi-Autonomous vehicles
- Visual assist technologies for drivers
- Vehicle detection, classification, and tracking
- Pedestrian detection, tracking
- Driver intent detection
- Traffic pattern analysis
- Mobility services and applications

License plate recognition
Road sign detection and classification

Paper Submission Procedure:

Papers submitted to ISVC 2014 Special Track must not have been previously published and must not be currently under consideration for publication elsewhere. Manuscripts should be submitted in camera-ready format and should not exceed **12 pages**, including figures and tables (see <http://www.isvc.net> for details). All papers accepted will appear in the symposium proceedings which will be published by **Springer-Verlag** in the **Lecture Notes in Computer Science (LNCS)** series.



Important Dates:

Paper submissions	August 23, 2014
Notification of acceptance	October 7, 2014
Final camera ready paper	October 31, 2014
Advance Registration	October 31, 2014
ISVC14 Symposium	December 8-10, 2014

Organizers:

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