Intelligent Transportation System

A Special Track of the
11ᵗʰ International Symposium on Visual Computing (ISVC'15)
http://www.isvc.net

December 14-16, 2015, Las Vegas, Nevada, USA

Scope:

The influence of Intelligent Transportation Systems (ITS) has enlarged from increasing capacity and mobility to improving the overall transportation experience through safety, reliability, and sustainability. ITS technologies encompass differs application spaces from sensor for data collection and traffic management, technologies to enable self-driving vehicles, to mobility services. These technologies are paving the way toward better transportation networks which benefit all.

Computer vision technologies have become a valuable asset and a critical component for unlocking the full potential of many ITS related applications. There are a number of challenges to be solved before widespread acceptance of the technology and full integration and utilization in industry. The purpose of this special track is to advance the current state of the art in ITS with respect to visual processing technologies and to highlight successful applications.

Topics:

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

- Video Surveillance
- Traffic Monitoring
- Autonomous or Semi-Autonomous Vehicles
- Visual Driving Assistance Systems
- Vehicle Detection, Classification, and Tracking
- Pedestrian Detection and Tracking
- Driver Intent Prediction
- Traffic Pattern Analysis
- Mobility Services and Applications

- License Plate Recognition
- Road Sign Detection and Classification
- Urban Driving Assistance Systems
- Intersection Safety Monitoring and Analysis

Paper Submission Procedure:

Papers submitted to the 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 21, 2015
Notification of acceptance	September 23, 2015
Final camera ready paper	October 20, 2015
Advance Registration	October 20, 2015
ISVC15 Symposium	December 14-16, 2015

Organizers:

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