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Call For Papers

Intelligent Vehicles and Autonomous Navigation

(IVAN'05)

A special track of Int'l Symposium on Visual Computing

<http://www.isvc05.net/>

Lake Tahoe, Nevada, USA

December 5-7, 2005

WS Scope: Intelligent vehicles able to navigate autonomously in various environments have numerous applications from indoor robotics to unmanned commercial and military vehicles, and interplanetary exploration. The rapid advances in sensor and computing technologies provide a solid support for novel technical solutions in this challenging research field. The primary goal of this workshop is to exchange the latest theoretical and experimental results in the area of intelligent vehicles and autonomous navigation.

WS Topics: Papers dealing with all aspects of vehicle-related intelligent systems and autonomous navigation are solicited for this special track. Topics of interest include all aspects of computer vision and pattern recognition applied to the automotive domain including, but not limited to, the following areas:

Operator Assistance Systems
Active and Passive Safety Systems
Traffic Flow Monitoring
Collision Avoidance
Operator/Driver Monitoring

Automated Vehicles
Information Fusion
Integrated Safety Systems
Vehicle Environment Perception
HMI and Human Factor Research

Submission/Proceedings: This is an open call-for-papers. Only original, high-quality papers, in-line with the ISVC'05 standard guidelines, will be considered for publication in this special track. Prospective authors should submit electronically their contributions through the website of ISVC'05 <http://oct1.cse.unr.edu/>. Accepted papers will appear in the symposium proceedings which will be published by Springer-Verlag in the Lecture Notes in Computer Science (LNCS) series.

Important Dates:

Submission deadline: **Jun13, 2005**

Notification of acceptance: **Aug 1, 2005**

Camera-ready version: **Aug 29, 2005**

Workshop Date: **DEC [5-7], 05**