Workshop on Benchmarking Road Terrain and Lane Detection Algorithms for In-Vehicle Application

14:00-17:00, June 8, 2014, Sterns & Night, Adoba Hotel

SuWS_PM12  Plenary Session
Chair: Guo, Chunzhao  
Co-Chair: Geiger, Andreas

14:00-14:30  Keynote
Introduction of KITTI-ROAD for Benchmarking Road Detection Algorithms
Fritsch, Jannik

14:30-15:00  Open Discussion
Towards co-evolution of road / lane detection and benchmarking

15:00-15:30  Coffee Break

SuWS_PM22  Regular Session
Chair: Fritsch, Jannik
Co-Chair: Álvarez, José M.

15:30-15:45  Paper SuWS_PM22.1
Comprehensive Performance Analysis of Road Detection Algorithms Using the Common Urban Kitti-Road Benchmark
Bernardes Vitor, Giovani  
Correa Victorino, Alessandro  
Vaqueiro Ferreira, Janito

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State Univ. of Campinas - UNICAMP
15:45-16:00 Paper SuWS_PM22.2

Performance Evaluation for Curb Detection Problem

Stainvas, Inna
Advanced Res. Tech. Center, GM

Buda, Yosi
Advanced Res. Tech. Center, GM

16:00-16:15 Paper SuWS_PM22.3

Color-Based Road Detection and Its Evaluation on the KITTI Road Benchmark

Wang, Bihao
Univ. de Tech. de Compiègne

Fremont, Vincent
Univ. de Tech. de Compiègne

Rodriguez Florez, Sergio Alberto
Université Paris Sud.

16:15-16:30 Paper TuPoster Session IIB1.4

Road Terrain Detection: Avoiding Common Obstacle Detection Assumptions Using Sensor Fusion

Shinzato, Patrick
Univ. of Sao Paulo

Wolf, Denis
Univ. of Sao Paulo

Stiller, Christoph
Karlsruhe Inst. of Tech.

16:30-16:45 Paper WePoster Session IIB1.22

A Multi-Modal System for Road Detection and Segmentation

Hu, Xiao
Univ. de Tech. de Compiègne

Rodriguez Florez, Sergio Alberto
Univ. Paris Sud.

Gepperth, Alexander
Ec. National Superieure de Tech. Avancées

16:45-17:00 Paper MoPoster Session IB1.1

Camera-Based Lane Border Detection in Arbitrarily Structured Environments

Schomerus, Volker Patricio
Tech. Univ. Braunschweig

Rosebrock, Dennis
Tech. Univ. Braunschweig

Wahl, Friedrich M.
Tech. Univ. Braunschweig