

ITMS 26220220089 New methods of measurement of physical dynamic parameters and interactions of motor vehicles, traffic flow and road

The objective of the project was conceptual design and consequent realization of the proprietary laboratory mobile measurement platform intended for collection and pre-processing of sensoric and georeferenced data (portable and analysable within virtual reality) enabling integration and examination of distinct methods for measurement of chosen static and dynamic parameters of vehicle and roadway.

Realization: 06/2010-06/2015

Coordinator: Ales JANOTA (DCIS)

Some of publications:

1. HALGAS, J. – JANOTA, A. – PIRNIK, R. – HOLECKO, P.: Creating a 3D Parking Area Design via a Mobile Measurement Platform. 15th International Carpathian Control Conference (ICCC), Velke Karlovice, Czech Republic: 28-30 May 2014, pp. 145-148
http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=6843586&abstractAccess=no&userType=inst
2. ĎURECH, J. – HRUBOŠ, M. – FRANEKOVÁ, M. – JANOTA, A.: Implementation of Data from the Mobile Measurement Platform to VANET Application. Proc. of the 10th International Conference ELEKTRO 2014, Rajecké Teplice: May 19-20, 2014, s. 430-434
http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=6848932&abstractAccess=no&userType=inst
3. HALGAŠ, J. - JANOTA, A.: Technical Devices Cooperation to Obtain Data for 3D Environment Modelling. Communications in Computer and Information Science 239, Modern Transport Telematics, Springer-Verlag Berlin Heidelberg, 2011, s. 330-337
http://link.springer.com/chapter/10.1007/978-3-642-24660-9_38?null#