Organisation: Intelligent Transportation Systems Department, Faculty of Traffic and Transport Sciences, University of Zagreb

Url: http://its.fpz.hr

Country: Croatia

Contact person(s): prof. Sadko Mandzuka

Position: Head of Transport Telematics Chair

Email: sadko.mandzuka@fpz.hr

Who we are:
The Department of Intelligent Transport Systems is a scientific, educational, research and developmental unit of the Faculty of Transport and Traffic Sciences at the University of Zagreb which creates, transmits and applies knowledge in the field of intelligent transport systems and adjacent technologies. The main research area of IMG is development various algorithms of IM process phases: detection, verification, response, normalization and evaluation. ICT is a core technology for this application.

Expertise areas: Road traffic management Monitoring and Control Networks Statistical performance and process monitoring

Main achievements:
- Development methodology of integrated adaptive transport and logistics systems, project code 135-1352598-2581
- Integrated Intelligent Transport System Development Methods, project code 0135008
- More domestic industrial projects

International experience:
CIVITAS Elan (FP7 project)
Collaboration interest:
- R&D Projects under FP7-ICT
- Joint R&D in the field of Monitoring and Control
- PhD and undergraduate student exchanges

Scientific publications:
- Škorput, Pero; Mandžuka, Sadko; Jelušić, Niko, Real-time Detection of Road Traffic Incidents. // Promet - Traffic & Transportation. 22 (2010) , 4; 273-283

Additional information:
Number of researchers: 10