

The conference – MT-ITS 2015



4th International Conference on Models and Technologies for Intelligent Transportation Systems (MT-ITS 2015)

Intelligent Transportation Systems (ITS) should be associated with all transportation modes, as they are part of a wide application framework. Only such a transportation framework will be able to meet the challenges of increasing traffic demand, limited resource availability and growing quality expectations of the customers.

This concept is represented by the series of conferences called “Models and Technologies for Intelligent Transportation Systems”. The fourth edition of the series in 2015 will be held in Budapest, Hungary. It will include all transportation modes (urban, road, rail, air, water and logistics) and will focus on issues of ITS development methods and traffic management aspects. As before in Rome (2009), Leuven (2011) and Dresden (2013) the conference aims to bring together experts from science, industry and the public sector. Keeping the friendly and informal atmosphere of the conference, that was found in the first editions, is our main concern.

The online proceedings contain 70 papers accepted for presentation at the conference. The papers deal with establishing traffic management systems, advanced technologies for traffic state detection and control, with models using highly-developed algorithms and big amount of provided data, and with integration processes of intelligent transportation system.

All submissions were reviewed by members of the scientific and technical committees, and external experts. We are grateful for their voluntary work. We also wish to thank all authors for devoting time and energy to prepare excellent papers for the MT-ITS 2015 conference.

The conference is structured in the following sessions:

- *in modeling oriented sessions*, as Traffic modeling and estimation, Traffic emission modeling and control, Vehicle energy optimization, Traffic modeling and assessment.
- *in public transport oriented sessions*, as Location data based applications, Public transport optimization and Transport policy management.
- *in solution of other transportation modes*, as Railway traffic optimization, Road transport communication, Air traffic management, Transport logistics and economics, Traffic monitoring.

Local organization information

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