

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

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Thomas Epp
PTV Austria, AUT

Budapest University of Technology and Economics (BME)
Faculty of Transport Engineering and Vehicle Engineering
Department of Transport Technology and Economics

3-5. June 2015, Budapest

Website: mt-its2015.bme.hu
Contact: mt-its2015@mail.bme.hu



Local organization committee

Domokos Esztergár-Kiss
Dénes Válóczy
János Tóth
István Varga

The fourth edition of the conference 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.

Establishing traffic management systems requires the availability of suitable and advanced *technologies* for traffic state detection and control. The intelligence comes from the *models* using highly-developed algorithms and big amount of provided data. Papers submitted to the conference should deal with one of these areas, or describe the way how *models* and *technologies* are integrated in an intelligent transportation system.

Topics of the conference include, but are not limited to:

- Urban traffic modelling and public transport planning
- Model calibration, simulation and tools for ITS
- Case studies and assessment of ITS applications
- Estimation and prediction of traffic state and travel times
- Impact of traveller advisory and information systems
- Route choice, guidance and traffic assignment
- Integrated traffic management approaches
- Methods for real time traffic control
- Management of intelligent rail transport systems
- Potential of comprehensive multi-modal systems
- Floating car data (FCD) and floating passenger data
- Parking management
- Timetable optimization
- Air and water traffic management
- Urban logistics and optimization of logistics processes

Important Dates

Paper submission
November 30th 2014

Notification of acceptance
February 28th 2015

Final paper submission
March 31th 2015

Early registration
March 31th 2015

Conference Fee (Early registration)

full price: 500 EUR
reduced: 250 EUR

Submission guidelines

Only original papers – not published before or currently under review – are considered for presentation at the conference. Papers might be submitted through the conference website by November 30th 2014. The papers will be reviewed by independent experts from the scientific committee of the conference. Details on the required format of the paper (templates) and the submission process can be found on the conference website (mt-its2015.bme.hu). Proceedings containing all abstracts will be provided to all participants.

Journal publication

The conference proceedings will be indexed in Scopus, as they will be included in IEEE Xplore. Furthermore papers of excellent quality will be proposed by the scientific committee to be invited for special issues of the Journal “Public Transport: Operation and Planning”, and the Journal “Periodica Polytechnica” after the conference. Extended versions of the selected papers may be submitted in September 2015.

Sponsorship and fees

The conference fee includes: conference attendance, coffee breaks, lunches, evening events and proceedings in electronic format. Participants coming from Universities, SME and public authorities as well as members of the committees are eligible for reduced fees. Companies are invited to present their solutions during the conference. Enquiries on sponsorship should be sent to the conference e-mail address (mt-its2015@mail.bme.hu).

Programme

Technical visits (e.g. traffic management centre of Budapest) and tutorials will be organized. For both evenings of the conference glamorous dinner events will be organised in one of the fanciest restaurants of Budapest. The participants will also have the opportunity to visit the city of Budapest with many possible means of transport.