



## **mobil.TUM 2015**

International Scientific Conference on Mobility and Transport

**June 30<sup>th</sup> and July 1<sup>st</sup> 2015, Munich, Germany**

## **Technologies, Solutions and Perspectives for Intelligent Transport Systems**

### **Call for Papers**

Intelligent Transport Systems and Services (ITS) provide a wide variety of solutions to existing transport problems and to the ecological and societal challenges presented by an increasing demand for mobility. With growing capabilities of information and communication techniques, the participants of the mobility system are becoming increasingly connected. A future with high fidelity transport information in a seamlessly connected mobile world for all types of traveler draws ever nearer. In order to respond to the multifaceted character of these developments, science and practice within the mobility domain involve an increasingly broad range of different disciplines.

The mobil.TUM conference 2015 will therefore once again serve as an opportunity for international dialogue across disciplines on the latest challenges and achievements in ITS. The conference is organized by the *Chair of Traffic Engineering and Control* at the Institute for Transportation of TUM (Technische Universität München). It will explore the various aspects of Intelligent Transport Systems, focusing on the latest technologies and solutions and the perspectives for which they allow. The conference will consist of presentations, poster sessions and panel discussions.

Contributions are requested on topics including:

- interactions between personalized ITS-technology and the individual as well as the society
- traveler's behavior in a connected transportation system and the influence of assistance systems
- designing and modeling mobility in a multi-modal environment
- progress in traffic flow theory and modeling of cooperative transport
- new technologies of data collection, data fusion that improve the consistency and quality of information
- cloud computing, internet of things and related theories applied to cooperative ITS
- cooperative traffic control at hotspots, in networks and at special events
- progress in transport system simulation on various scales
- increased automation and self-organization in traffic

### **Scientific Committee**

Moshe Ben Akiva, Boston, USA  
Fritz Busch, Munich, Germany  
Martin Fellendorf, Graz, Austria  
Larry Head, Tucson, Arizona, USA  
Serge Hoogendoorn, Delft, Netherlands  
Huapu Lu, Beijing, China  
Carlo Prato, Copenhagen, Denmark

Robert L. Bertini, San Luis Obispo, California, USA  
Bruno Dalla Chiara, Turin, Italy  
Nicolas Geroliminis, Lausanne, Switzerland  
Ben Heydecker, London, Great Britain  
Jean-Baptiste Lesort, Lyon, France  
Hideki Nakamura, Nagoya, Japan  
Yiik Diew Wong, Singapore, Singapore



## Deadlines

Abstract submission	January 4
Feedback / Acceptance of contribution	January 31
Full paper submission	March 31
Review of the papers	May 31
Final paper submission for publication	July 31

## 2015

## Abstract

Please send your abstract of up to 500 words to [mobil-tum2015@vt.bgu.tum.de](mailto:mobil-tum2015@vt.bgu.tum.de)

The template formats can be found on the conference website: [www.tum.de/mobil-tum/](http://www.tum.de/mobil-tum/)

## Full papers: presentation or poster

Accepted proposals will be prepared as full papers (4.000 – 6.000 words). They will be included in the conference either as

- Presentation of max. 20 minutes with 10 additional minutes for discussion in the plenary sessions, or
- Poster (DIN A0) to be presented and discussed in a dedicated poster session.

Accepted contributions will be included in the draft conference proceedings.

## Evaluation and publication

Full papers will be peer-reviewed by an international scientific committee (see above).

After the conference, authors of selected papers will be asked to update their papers based on the session discussions and send a final version by September 30, 2015 for publication in the printed edition of the TUM scientific journal series of the institute.

We are looking forward to your ideas and proposals!

## Venue


June 30 to July 1, 2015  
Alte Kongresshalle, Munich, Germany

## Fees

- General audience: 380 €
- Students and speakers: 190 €

The registration fee covers the costs for admission to the conference and catering for the two days as well as an evening event.

## Side events

- 1.5 days pre-conference course: “Basics of ITS”, by 
- 1 day post-conference workshop: “Adaptivity in Urban Traffic Control”

## Organization and contact

The mobil.TUM 2015 conference is organized by the Chair of Traffic Engineering and Control at the Institute for Transportation of the Technische Universität München. Please do not hesitate to contact us for any further information.

Prof. Dr.-Ing. Fritz Busch  
Chair of Traffic Engineering and Control  
Institute for Transportation  
Technische Universität München  
<http://www.vt.bgu.tum.de>

Conference contacts:  
Dr.-Ing. Matthias Spangler, Anna Scharnagl  
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Up-to-date information can be found on the conference website at: [www.tum.de/mobil-tum/](http://www.tum.de/mobil-tum/)

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