



mobil.TUM 2013

International Scientific Conference on Mobility and Transport

June 18th and 19th, 2013, Munich, Germany

ITS for Connected Mobility

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 2013 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 focus on the various aspects of **increasing connectivity within intelligent transport systems**. Topics of interest include, e.g.:

- interactions between personalized ITS-technology and the individual as well as the society
- traveler's behavior in a connected transportation system, 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, 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, competition with public strategies

Contributions:

The conference will consist of paper sessions, poster sessions and panel discussions. Contributions to the sessions should address one or several of the following **focal points**:

1. Interactions between technology and society
2. Technologies, applications and solutions
3. Multi-modal cooperation and interaction
4. Modeling and simulation
5. Field operational tests and impact studies
6. Deployment plans and policies
7. Generic concepts and visions



Submission Guidelines

Please send **abstracts** of 400 to 800 words by **Monday, 31st December 2012** to mobil-tum2013@vt.bv.tum.de. Submissions by Master and PhD students are welcomed. Only original papers - not published before or currently under review - are considered for presentation. Please include:

1. author(s) name(s) and affiliation(s)
2. contact address for corresponding author (e-mail, phone, fax, full postal address)
3. focal point (1..7)
4. title of the paper / poster
5. abstract text
6. key words

Proposals will be evaluated by an international scientific committee by February 28th, 2013. Accepted proposals must be submitted as full papers (4000 – 6000 words) by April 30th, 2013. The papers submitted will be reviewed by the scientific committee and will be included in the draft conference proceedings. Final papers and posters, after editorial and conference feedback, are requested by the end of August 2013 for publication. In parallel to the paper presentations, a dedicated poster session will be included. For updates, please check www.mobil-tum2013.de.

Scientific Committee

Michael G.H. Bell, Sydney, Australia
Robert Bertini, Portland, United States
Michel Bierlaire, Lausanne, Switzerland
Fritz Busch, Munich, Germany
Martin Fellendorf, Graz, Austria
Larry Head, Tucson, United States
Ben Heydecker, London, Great Britain
Serge Hoogendoorn, Delft, Netherlands

Haris Koutsopoulos, Stockholm, Sweden
Matthew G. Karlaftis, Athens, Greece
Jean-Baptiste Lesort, Lyon, France
Huapu Lu, Beijing, China
Vito Mauro, Turin, Italy
Hideki Nakamura, Nagoya, Japan
Yiik Diew Wong, Singapore, Singapore

Conference Venue and Fees

The conference will be held on Tuesday, June 18th and Wednesday, June 19th, 2013 in Munich, Germany (www.munich.de).

The conference fee is **320 €** (two-day conference including catering and an evening event). Reduced fees (e.g. for speakers, students) are available at **190 €**.

The conference language is English. We look forward to your ideas and proposals. Please do not hesitate to contact us for any further queries.

Prof. Dr.-Ing. Fritz Busch
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Institute for Transportation
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 **Conference contact:**
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