

## 5th NEARCTIS WORKSHOP

### Structuring Future Research Effort in Road Cooperative Traffic Management

Monday, October 22<sup>nd</sup> 2012, 09:30-17:30

Venue: Hotel Courtyard – Marriott Wien Messe,  
Trabrennstrasse 4, Vienna, Austria

An informal lunch will be included

Attendance is free of charge

### Programme of the 5<sup>th</sup> NEARCTIS workshop



**NEARCTIS**, A Network of Excellence for Advanced Road Cooperative traffic management in the Information Society, is an Academic Network gathering the main teams working on the field of traffic management and optimisation, with a particular focus on cooperative systems for road traffic optimisation, but it covers a wider scope as it appears that cooperative systems have to be integrated into the whole traffic management systems.



19th ITS World Congress  
Vienna, Austria  
22 to 26 October 2012  
*smarter on the way*

The 5th workshop is to be held in Vienna in junction with the 19<sup>th</sup> ITSWC. It constitutes an excellent opportunity to meet the active community working in traffic modeling and management area and to inform and discuss the latest progress of research activities.

This event is the right platform for sharing experiences and for discussing the future of traffic management.

**If you are interested in attending this NEARCTIS event,  
please email: [info@nearctis.org](mailto:info@nearctis.org)**

For more information, please visit the NEARCTIS website:  
[www.nearctis.org](http://www.nearctis.org)

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**9:45 – 10:15** Why traffic management is important and what are the opportunities and challenges? Markos Papageorgiou, TUC

**10:15 – 10:45** Keynote Speech: ITS Research Efforts in Australia (needs and opportunities). E. Chung - Centre Director, Smart Transport Research Centre, Queensland University of Technology, Australia

*Coffee break: 10:45-11:00*

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**11:00 – 12h00** Session 1 **Towards the centre of excellence on cooperative traffic management: proposal and possible Frameworks**

Chair: J.-B. LESORT, director of ENTPE and Scientific mediator of NEARCTIS

- NEARCTIS: proposing a Harmonised Research and Development Programme. B. Heydecker (UCL)
- Virtual Centre of Excellence (VCE) acting as “Collective Intelligence Think Tank”: Objectives and Goals. J. Renaud (ERT)
- Proposal for a European Association with a scientific, educational and technical purpose. Ch. Buisson (IFSTTAR)

**12:00 – 13h00** Session 2 **User forum on traffic information quality management for a more reliable transportation system”**

Chair: Franz Pohl, Mobility Department, AIT.

- Towards standardised quality evaluation of travel time information for transport networks (results from the projects QM4ITS and QUATTRO)
  - Methodological Perspective: B. Heilmann (AIT), M. Canaud (IFSTTAR)
  - Practical Perspective. Ph. GOUDAL (Mediamobile), H. Fiby (ITS Vienna Region).
- Travel Time Quality and Routing Services for Road Network. xx. BMW, Germany (TBC)

*Lunch break: 13:00-14:00*

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**14:00 – 15:00** Session 3 **Cooperative research within the NEARCTIS network**

Chair: P.-Y. Gilleron (EPFL)

NEARCTIS School Best Report Award Laureate by Gideon Mbiydzonyuy (BTH).

“A fixed-point approach to system-optimal route guidance considering compliance behavior” by O. Huibregtse (TUD)

“Route choice calibration from multi-point vehicle stream measurements” by Y.-P. Floetteroed (DLR)

“Shared Space Modelling Based on Social Forces and Distance Map” B. Anvari (ICL)

Trajectory fitting and stability analysis: local evidence of the onset of stop-and-go waves by F. Marczak (IFSTTAR)

**15:00 – 16:00** Session 4 **Implementing & Assessing Road Cooperative Traffic Management: EC Initiatives**

- “ECO-DRIVE” Project., Romain Billot (IFSTTAR)
- “SATIE” Project, Wil Botman (ANWB).
- “cross-border traffic management in EasyWay”. Kh. El Araby, (TRANSVER)

*Coffee break: 16:00-16:15*

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**16:15- 17:15** Session 5 **Panel discussion: Structuring Future Research Effort in Road Cooperative Traffic Management**

Moderator: Fritz Busch (TUM)

Panelists: Nick Hounsell (UoS), Wil Botman (ANWB), Susan Harris (ITS Australia), Robert Bertini (U. of Portland)

**17.15 – 17:30** **Wrap-up & Closure A. Vits, former Head of unit at DG INFSO**

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