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Dear TRAIL member,

This is the TRAIL *E-LINK* of May. TRAIL *E-LINK* will keep you informed of the ins and outs of TRAIL Research School.

NEWS BY PHD COUNCIL

TRAIL PhD BBQ
(organized by the PhD council & TRAIL)



Wednesday May 11th get out your BBQ-mood for **TRAIL's PhD BBQ** at the TU Delft. From 17h on you are most welcome to join us to grill, have a drink, and socialize with your fellow PhD's at TRAIL.

Please sign up by sending an email to phdcouncil@rstrail.nl and contribute 5 euros pp. for which we will provide you with food and drinks. Money can be transferred to 510009085 attn. of E. van der Hurk or brought in cash at the BBQ itself. To make sure we have enough food and drinks please let us know you are coming! Exact location within TU Delft will be announced soon. We very much hope to see you there!



Also, we are looking for two new members for the PhD council. Curious or interested? Please feel free to contact any of us through phdcouncil@rstrail.nl, have a look at the website on <http://www.rstrail.nl/phd-council> or find us at the BBQ!

PHD DEFENSE TO COME

Defense of Qing Ou on "Fusing Heterogeneous Traffic Data: Parsimonious Approaches using Data-Data Consistency".

The defense will be held on May 9th, 2011 at 12:30 h. in the Auditorium of the Aula, Mekelweg 5 in Delft.

PROMOTIONS OF APRIL

Niels van Oort on "Service Reliability and Urban Public Transport Design". Service reliability is an important quality characteristic of public transport. This thesis presents an analysis of the causes and of the passenger impacts of unreliability of urban public transport services. Planning instruments are introduced enabling a costeffective increase of service reliability. This thesis demonstrates that during the network and timetable design of public transport several opportunities exist to increase the level of service reliability substantially.



Shu Lin on "Efficient Model Predictive Control for Large-Scale Urban Traffic Networks. Model Predictive Control is applied to control and coordinate large-scale urban traffic networks. However, due to the large scale or the nonlinear, non-convex nature of the on-line optimization problems solved, the MPC controllers become real-time infeasible in practice, even though the problem is solvable in theory. In this thesis, we mainly focus on the solutions for increasing the real-time feasibility of the MPC controllers for large-scale urban traffic networks.

Leonie Walta on "Getting ADAS on the Road". Advanced Driver Assistance Systems (ADAS) are electronic systems that support car drivers in their driving task, for example by automatically following the car in front of them. These systems can potentially contribute to the solution of transport problems, such as traffic accidents and congestion. This thesis focuses on the deployment of ADAS by studying the interactions between public authorities, the automotive industry, insurance companies and users. The results show that the automotive industry is likely to be the leading actor in ADAS deployment. Public authorities can have a substantial influence but are not expected to take action first. Insurance companies are not likely to play a large role.



NEW PHD STUDENTS



Geert Tasseron will build on an existing agent-based parking model, termed PARKAGENT, he will explore parking dynamics from a variety of theoretical perspectives. Geert will perform his research at the Institute for Management Research of the Radboud University Nijmegen. His promoter is Dr. Karel Martens.

Mahtab Joueiai on "Travel Behaviour and Traffic Operations in Case of Exceptional Events". Mahtab will perform her research at the Civil Engineering faculty of the Delft University of Technology. Her promotor is Prof. Serge Hoogendoorn.



COURSES

10 & 24
May

[SUBSCRIBE](#)

Workshop Poster Design

The aim of this workshop is to teach students to create an attractive and well-designed poster as well as to make a folder about their research project. The workshop is intended for PhD students in the first years of their research project. [More info here](#)

31 May &
7 June

[SUBSCRIBE](#)

Writing and Publishing a 'TRAIL' Research Article

The aim of this course is to support TRAIL PhD students in writing and publishing a scientific article about their research. [More info here](#)

COURSES INTERESTING FOR PHD STUDENTS/PHD SUPERVISORS

- ❖ [20 May: Workshop on writing successful & competitive EU Framework Programme 7](#) (FP7) cooperation proposals (only for DUT students and employees)
- ❖ [23 June: 7th Framework Call Information Workshops](#). All you need to know about the upcoming FP7 work programmes & calls 2012 (only for DUT students and employees)
- ❖ [PhD-supervisor as coach](#) by Aletta Wubben (only for DUT supervisors)
- ❖ [NWO Talent Classes](#)
- ❖ Course '[Endnote](#)' by TU Library
- ❖ Course 'Research Methodology' by Transportnet (see <http://www.transportnet.org>, chose 'courses' tab, and 'Research Methodology')

OTHER EVENTS

2-4 May: NEARCTIS Summer school 2011 get acquainted to the principles, the calibration and traffic models and get hands –on experience with different types of traffic models, especially in relation to cooperative systems and ITS. @

Delft - The Netherlands. **Free for TRAIL members!** [More info here](#)

9-13 May: Beta PhD course on 'Technology Entrepreneurship and Innovation Management' @ Eindhoven, The Netherlands. [More info here](#)

12 May: DVM Symposium 9th Symposium on Dynamic Traffic Management @ De Doelen, Rotterdam. [More info here](#) (all in Dutch)

16-17 May: Conference on climate friendly transport @ University of Belgrade, Serbia. Organized by the REACT project, an EC funded project supporting research on climate-friendly transport. [More info here](#)

19 May: Next Generations Infrastructures organizes "InfraTrends" @ Fokker Terminal in Den Haag. [More info here](#) (all in Dutch)

21-25 May: ODYSSEUS 2012, 5th International Workshop on Freight Transportation and Logistics, @ Mykonos, Greece. [More info here](#)

26-27 May: 4th Economics of Infrastructures Conference, Entrepreneurship and Regulation in Infrastructures @ TPM faculty, TU Delft. [More info here](#)

26-27 May: 2nd annual Qualitative Research for Policy Making 2011 @ Belfast, Ireland. Delivering efficient qualitative research for policy making in times of austerity. [More info here](#)

7 – 9 June: 7th International Conference on City Logistics, Mallorca Island, Spain. [More info here](#)

22-24 June: 2nd International Conference on Models and Technologies for Intelligent Transportation Systems @ Katholieke Universiteit Leuven, Belgium. [More info here](#) & [contact](#).

27 June-1 July: Kuhmo-Nectar Conference and Summer school on Transportation Economics 2011 @ Stockholm, Sweden. [More info here](#).

29-31 August: 5th International Conference on Traffic and Transport Psychology @ RU Groningen. We now welcome proposals for special symposia and sessions on topics relevant for this conference. [More info here](#)

8 September: 12th PREBEM Conference (ERIM) for PhD researchers as well as Research Master's students in Business Economics and Management @ Hilton Hotel Rotterdam. Keynote a.o. by Jan Peter Balkenende. [More info here](#)

8 September: 11th Workshop on algorithmic approaches for transportation modeling, optimization and systems (ATMOS) @ Saarbruecken, Germany. [More info here](#)

26–28 September: The 9th biennial conference on Environmental Psychology @ the Auditorium of the Eindhoven University of Technology. Deadline Call for Abstracts 20 March 2011. [More info here](#).

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