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Dear TRAIL member,

This is the TRAIL *E-LINK* of January 2010. TRAIL *E-LINK* will keep you informed of the ins and outs of TRAIL Research School.

## NEWS



We wish you all a very happy new year!!

TRAIL staff member **René de Koster** and alumnus **Yeming Gong** have won the Best Paper Prize in Design and Manufacturing for your paper "A polling-based dynamic order picking system for online retailers" awarded by IIE Transactions 2008. They will get there prize at the IERC in Cancun, 5-9 June 2010. More information on the IIE Annual Conference [here](#).

STW has awarded the research project "Model-Predictive Railway Traffic Management" submitted by TRAIL members **Rob Goverde** and **Ingo Hansen** of the Department of Transport and Planning (Faculty CEG), **Ton van den Boom** and **Bart De Schutter** of the Delft Centre for Systems and Control (Faculty 3mE).

EJTIR has been accepted for coverage in the Social Sciences Citation Index (SSCI) and the Journal Citation Reports (JCR) of Thomson Reuters. Coverage will begin with the 2008 issues.

## EVENTS

### Seminar Past Present Future of Traffic – December 1, 2009

This event was meant as an informal goodbye to Henk as professor in dynamic traffic management and as scientific director of TRAIL Research School. During seminar some important developments in traffic were highlighted in which Henk contributed significantly. Next to the entertainment, TRAIL presented Henk his thesis from his PhD study, again published in the TRAIL thesis series (nr SE/2009). Also, **Vincent Marchau** and **Hans van Lint** presented a draft sample of "Verkeer & Vervoer voor Dummies" to Henk. After the seminar there was plenty of time have a drink and talk with Henk. Thanks to the speakers **Seen van der Plas**, **Hans van Lint**, **Serge Hoogendoorn**, **Henk Taale**, **Bart van Arem**, **Karel Brookhuis** and **Arjan van Binsbergen** we look back to a very successful and enjoyable seminar!



**Workshop Stochastic Models for Warehousing Systems, October 29-30, 2009.** Warehousing is receiving a strong interest among academics, stimulated by the rise of complex systems such as an automated storage and retrieval systems, sorters, and automated guided vehicles, requiring complex design and operating policy decisions.

presentations including **Sunderesh Heragu**, **Ananth Krishnamurty**, **Ben Montreuil**, **Jeremie Gallien**, and others, the workshop was a great success.

#### NEW PHD STUDENTS

Niek Mouter on "Substantive improved of cost-benefit analysis". Niek will perform his research at the Faculty of Technology Policy and Management of the Delft University of Technology. His promoter is Prof. Bert van Wee.



Zhe CONG on "Intelligent Traffic Control". Zhe will perform his research at the Faculty of Electrical Engineering, Mathematics and Computer Science of the Delft University of Technology. His promoter is Prof. Bart De Schutter

Ramon Landman on "Design of network wide traffic management system". Ramon will perform his research at the Civil Engineering faculty of the Delft University of Technology. His promoter is Prof. Serge Hoogendoorn.



Meng Wang on "Sustainability perspectives of cooperative systems". Meng will perform his research at the Civil Engineering faculty of the Delft University of Technology. His promoter is Prof. Serge Hoogendoorn and Prof. Bart van Arem.

#### PROMOTION OF DECEMBER



#### 2 December Victor Knoop on "Road Incidents and the Effects on Driving Behaviour and Traffic Congestion"

This PhD research shows that drivers react very slowly near incidents, decreasing the road capacity per available lane by 30%-50%. Furthermore, drivers adapt their routes to the incident. Using these findings, the queue dynamics are calculated, showing a large importance of spillback (i.e. congestion blocking a junction, and thereby delaying travellers to other directions).

#### PROMOTIONS 2010

19 January	Alina Tarau	"Model-based Control for Postal Automation and Baggage Handling"
16 February	Erik Wiersma	
19 April	Jaap van den Top	
22 April	Monique van den Berg	

#### COURSES

11 February

[SUBSCRIBE](#)

#### Course Behavioral Aspects in Traffic & Transportation.

Mobility, traffic and transport are being considered and researched as patterns of human behavior that can be more or less problematic, and more or less controlled. By Karel Brookhuis and Linda Steg. [More information](#)

10 & 17 March

[SUBSCRIBE](#)

**This course  
will take place  
in Utrecht!**

18, 25 March  
1, 8, 15, 22  
April

[SUBSCRIBE](#)

20 April

[SUBSCRIBE](#)

### Course Governance of Transport

Over the past decades, governance has become a complex, multi-level and multi-actor process. The traditional hierarchical approach, in which government dominated much transport planning and decision-making, has been replaced by a world in which transport policies are developed within diverse networks of actors. In this course, a variety of theories and approaches will be discussed that can be used to research and analyze these new governance processes. This includes theories at the macro-, meso- and micro-level of governance in a network setting, such as institutional and network approaches and theories of cooperation. [More information](#)

### Writing a Scientific Article

This course has been especially designed for researchers preparing a doctoral thesis or wishing to publish scientific articles in English professional journals. The purpose of the course is to teach PhD students how to write a scientific article in correct English that can be published in an international journal. The course will be given to a small group of PhD students, and help students improve their writing skills, paying attention to individual needs assessed through the pre-course submissions, work submitted during the course and in individual tutorial sessions. By A. Chatterjee, Vrije Universiteit Amsterdam. [More information.](#)

### Publishing in (Top-)Journals and Conference-proceedings

The general aim is to help PhD-students understand how they can increase the probability of getting their best research presented at the field's most highly-regarded conferences (like TRB, IATBR), and published in its top-journals (like Transportation Research, Transportation). By Caspar Chorus. [More information](#)

## WANTED

The research group of Imperial College London (Michael Bell) is conducting a web-based survey on how transit users make route choices. They would be very grateful if you would participate in the survey with a view to eventually improving transit assignment, journey planners and navigation devices. The link is [Click here](#) to take a survey on public transport users. The survey is available in English and Chinese (as well as German, Italian and Japanese). They do intend to share their results of the survey – perhaps via the NEARCTIS database.

## OTHER COURSES, CONFERENCES & LECTURES

The Department of Human Geography at the Radboud University of Nijmegen cordially invites you to the **Lecture and Seminar Series on the theme of 'Culture(s) of Mobility'**. The following Alexander von Humboldt Guests take part in the programme: [Prof. Peter Peters](#) (Department of Philosophy, University of Maastricht, NL), [Prof. Vincent Kaufmann](#) (Department of Sociology, Ecole Polytechnique Fédérale de Lausanne, CH), [Prof. Guy Baeten](#) (Department of Geography, Lund University, Sweden), [Prof. Tim Cresswell](#) (Department of Geography, Royal Holloway University of London, UK), and [Prof. John Urry](#) (Department of Sociology, Lancaster University, UK). The series of lectures takes place in February-April 2010 at the Radboud University Nijmegen. Each Von Humboldt guest lecturer will give a public lecture and participate in a research seminar. In the latter, (young) researchers present and discuss their work with the guest lecturer and the audience. TRAIL members are explicitly invited to present their work at one of the research seminars. If you wish to do so, please feel free to contact **Karel Martens** ([k.martens@fm.ru.nl](mailto:k.martens@fm.ru.nl) or +31-24-361-2740) and let us know with whom of the guests you would like to engage in a debate.

**Prof. Peter Peters** will open the series on **Wednesday 3 February** with a lecture titled "Travel Time in Technological Cultures". More information about the other Von Humboldt lectures and the remainder of the program can be found [HERE](#).

10 – 14 January: **TRB 2010**, The Transportation Research Board (TRB) 89th Annual Meeting will be held in Washington, D.C., at the Connecticut Avenue Collection hotels: Marriott Wardman Park, Omni Shoreham, and Hilton Washington. Plan now to attend the TRB 89th Annual Meeting, an information-packed program that will attract more than 10,000 transportation professionals from around the world to Washington, D.C. [Website](#)

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13 January (11:00-12:00): CABS colloquium on **Data Driven Language for Agents Interaction in Transportation Applications** by dr. Mahdi Zargayouna from the French National Institute for Transport and Safety Research, in room HB 17.150 in the EWI building in Delft. More info on CABS colloquium [here](#).

14 – 15 January: International Conference on **“Qualitative Research for Policy Making 2010”**. Meeting the opportunities and challenges of applying qualitative research in policy environments. More information on the [website](#).

20 January: **The Future of Business: Connecting Communities**. A meeting organised by the Amsterdam Business Research Institute VU for business professionals, politicians, academics and consultants who play important role in shaping principles for the future of business in the Aula of the VU University of Amsterdam. [Website](#)

11-15 July 2010: **12th World Conference on Transport Research**, Lisbon, Portugal. The preparations of the XII World Conference on Transport Research are well under way. The Society and the organizers expect to welcome many hundreds of participants to a memorable conference, and are doing their best to make it happen. More information: [www.wctr2010.info](http://www.wctr2010.info).

PLEASE VISIT OUR WEBSITE: [WWW.RSTRAIL.NL](http://WWW.RSTRAIL.NL)