



ECTRI- FEHRL- FERSI
Young Researchers Seminar 2011



YRS11

Young Researchers Seminar 2011

Tuesday June 7, 2011 – Friday June 10, 2011

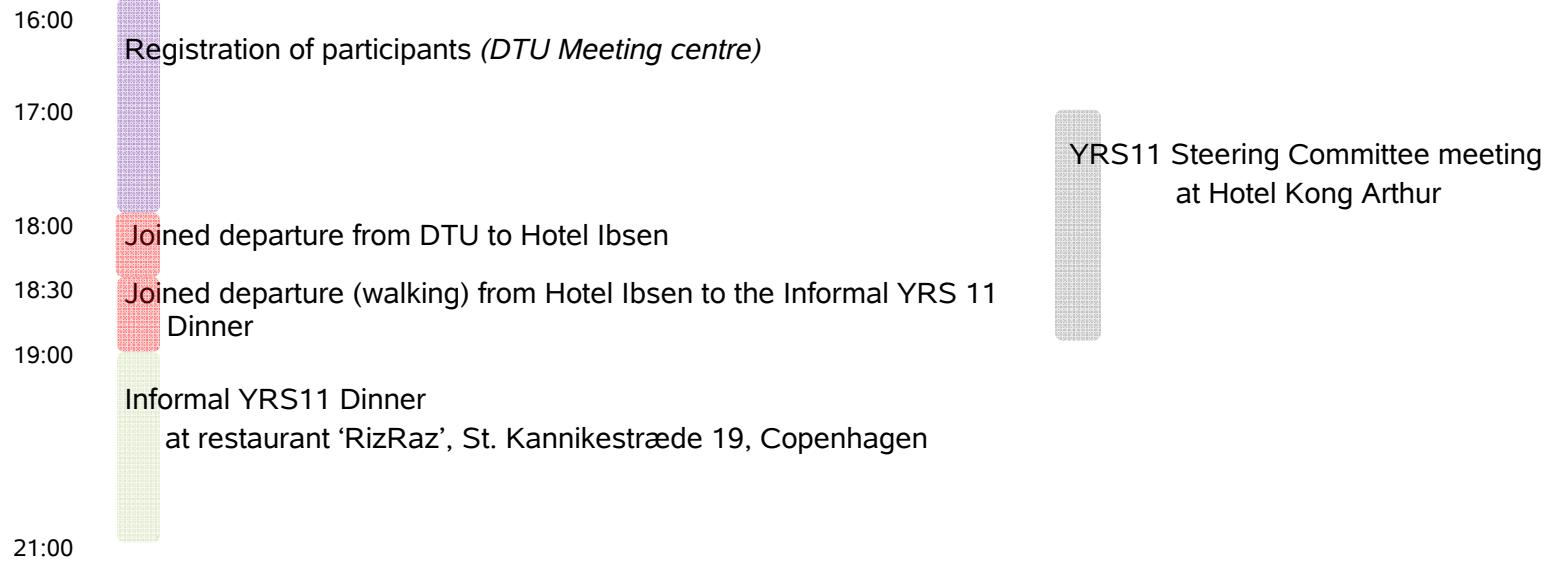
Technical University of Denmark, DTU

Program





Tuesday June 7





Wednesday June 8

- 07:30 Joined departure (DTU-bus) from Hotel Kong Arthur (Nørre Søgade 11, Copenhagen) to DTU
- 08:15 Opening ceremony (Room S09)
- 09:00 Parallel session 1: Transport Safety (Room S02)
- *Very severely injured: In-depth investigation of road accident characteristics and medical consequences in Germany.* **Eike Schmidt (BAST)**
 - *Effect of thin water film on tire/road friction.* **Yannick Beautru (IFSTTAR)**
 - *Effect of tyre tread depth on accident involvement during summer in Finland.* **Riikka Rajamäki (VTT)**
- 10:30 Cross cutting session by Carlo Giacomo Prato (DTU) (Room S02)
- 11:00 Break
- 11:15 Parallel session 3: Transport Safety (Room S02)
- *Measures for improving road safety on rural roads in Germany - ("AOSI").* **Thomas Jährig (BAST)**
 - *Road risk as a presidential priority: a public action for safety and a political instrument.* **Hugues Cunegatti (IFSTTAR)**
 - *Evaluation of the safety-based incentives in public private partnerships (PPPs).* **Thais Rangel (UPM)**
- 12:45 Cross cutting session by Witold Olpinski (IK) (Room S02)
- 13:15 Lunch break
- 14:15 Parallel session 5: Intelligent Transport Systems & Traffic (Room S02)
- *Emergency vehicle prioritization using vehicle-to-infrastructure communication.* **Laura Bieker (DLR)**
 - *Reliability of in-vehicle warning system for railway level crossings.* **Risto Öörni (VTT)**
- 15:15 Cross cutting session by Yannis Tyrinopoulos (CERTH-HIT) (Room S02)
- 15:45 Break
- 16:00 Key-note session 'How to write a successful scientific paper' by Rune Elvik, Chief Research Political Scientist (TØI), Norway (Room S09)
- 17:00 Joined departure (public transportation) from DTU to Nørreport
- 19:00 Joined departure (walking) from Hotel Ibsens to restaurant Barock)
- 19:30 Official YRS11 Dinner (at restaurant 'Barock', Nyhavn 1, Copenhagen)
- Parallel session 2: Transport Economics, Policy and Behaviour (Room S10)
- *Elasticity of long distance travelling.* **Mette Aagaard Knudsen (DTU)**
 - *Evaluation of policy packages: Lessons learned from Bergen* **Petter Christiansen (TØI)**
 - *Economic costs of road traffic accidents in Germany.* **Thomas Kranz (BAST)**
- Cross cutting session by Toon van der Hoorn (DVS) (Room S10)
- Parallel session 4: Transport Economics, Policy and Behaviour (Room S10)
- *Geographical location of depopulation areas in the Czech Republic and its dependence on transport infrastructure.* **Emil Drápela (CDV)**
 - *Determinants of Capacity Utilization in Road Freight Transport.* **Megersa Abate (DTU)**
- Cross cutting session by Marjan Hagenzieker (SWOV) (Room S10)
- Parallel session 6: Transport Economics, Policy and Behaviour (Room S10)
- *Competitive tendering in an entry regulated market – an accident waiting to happen?* **Jørgen Aarhaug (TØI)**
 - *Improving the analysis of a toll ring scheme implementation by a Travel Demand Management model.* **Yang Wang (UPM)**
- Cross cutting session by Mogens Fosgerau (DTU) (Room S10)





Thursday June 9

07:45	Joined departure (DTU-bus) from Hotel King Arthur (Nørre Søgade 11, Copenhagen) to DTU	
08:30	<u>Parallel session 7: Transport Safety (Room S02)</u> <ul style="list-style-type: none">Quantifying driver distraction – the case study of Thessaloniki's ring road. Katerina Chrysostomou (CERTH-HIT)Recognising transitions between rural road categories: the role of road layout and intersection type. Agnieszka Stelling (SWOV)The development of roadside safety criteria for portugese roads. Carlos Almeida Roque (LNEC)	<u>Parallel session 8: Transport, Civil and Road Engineering (Room S10)</u> <ul style="list-style-type: none">A Better Approach to Predict Subsidence due to Ground Water Leakage into Tunnels. Vikas Thakur (NPRA)Evolution of pavement friction due to polishing: Discerning the effects of trucks and light vehicles on polishing via laboratory tests. Dan Zhao (IFSTTAR)Integral consideration of the lightweight design for railway vehicles. Jens Koenig (DLR)
10:00	Cross cutting session by Eftihia Nathanail (CERTH-HIT) (Room S02)	Cross cutting session by Oliver Ripke (BAST) (Room S10)
10:30	Break	
11:00	<u>Parallel session 9: Transport Sustainability and Environment (Room S02)</u> <ul style="list-style-type: none">Bringing transparency to environmental impacts of transport - LIPASTO transport emission database. Heidi Auvinen (VTT)Monitoring of the landslides on the Pan-European corridor X in the purpose of environmental protection. Zoran Berisavljevic (The Highway Institute)Oil spill risk analysis of routeing heavy ship traffic in Norwegian waters. Juned Akhtar (TØI)Photocatalytic roads: from lab tests to real scale applications. Elia Boonen (BRRC)	<u>Parallel session 10: Transport, Civil and Road Engineering (Room S10)</u> <ul style="list-style-type: none">Bridge rehabilitation. Dejan Cerovac (The Highway Institute, Belgrada)The Relationship between Road Design and Driving Behavior: a Simulator Study. Liva Abele (DTU)Relationship between road width and safety. Jiri Ambros (CDV)Weigh-in-motion on German motorways. Stefan Tetzner (BAST)
13:00	Cross cutting session by Rocio Cascajo (UPM-TRANSyT) (Room S02)	Cross cutting session by Bernard Jacob (IFSTTAR) (Room S10)
13:30	Lunch break	
14:30	<u>Parallel session 11: Transport Safety (Room S02)</u> <ul style="list-style-type: none">Older drivers' self-regulation in traffic. Annette Meng (DTU)Quantifying the influence of social characteristics on accident and injuries risk: A comparative study between motorcyclists and car drivers. Allan Lyckegaard (DTU)	<u>Parallel session 12: Transport, Civil and Road Engineering (Room S10)</u> <ul style="list-style-type: none">Sustainable Maintenance of Rural roads in Slovakia. Lubomír Pepucha (University of Zilina)Early increase of noise from newly laid road surfaces. Jens Oddershede (DRI)
15:30	Cross cutting session by Andrew Parkes (TRL) (Room S02)	Cross cutting session by Anne Beeldens (BRRC) (Room S10)
16:00	Break	
16:30	Key-note session 'From 'journalist dreams' to Professor' by Anja Boisen, Professor (DTU Nanotech), Denmark (Room S09)	
17:30	Joined departure (public transportation) from DTU to the Netto-Boats (Nyhavn, Copenhagen)	
18:30	Canal tour and refreshments (Nyhavn, Copenhagen)	
19:30		



Friday June 10

07:45	Joined departure (DTU bus) from Hotel Kong Arthur (Nørre Søgade 11, Copenhagen) to DTU	
08:30	<u>Parallel session 13: Intelligent Transport Systems & Traffic (Room S02)</u> <ul style="list-style-type: none">• <i>The impact of traffic management operations on motorway congestion. A level of service based evaluation method.</i> Judith Princeton (IFSTTAR)• <i>External Factors Affecting Motorway Capacity.</i> Ben Morris (TRL)• <i>Evaluating network wide traffic management in the amsterdam region.</i> Suerd Polderdijk(DVS)	<u>Parallel session 14: Transport Sustainability and Environment (Room S10)</u> <ul style="list-style-type: none">• <i>Cars longevity: a biometric approach.</i> Zéhir Kolli (IFSTTAR)• <i>Impact of the penetration rate of ecodriving on fuel consumption and traffic congestion.</i> Olivier Orfila (IFSTTAR)• <i>Driving in the future: What influences young males and females driving intentions?</i> Sigrun Birna Sigurdardottir (DTU)
10:00	Cross cutting session by Satu Susanna Innamaa (VTT) (Room S02)	Cross cutting session by Anu Helena Tuominen (VTT) (Room S10)
10:30	Break	
11:00	<u>Parallel session 15: Intelligent Transport Systems & Traffic (Room S02)</u> <ul style="list-style-type: none">• <i>Methods for assessing the pedestrian level of service: International experience and adjustment to the Greek walking environment – The case of Thessaloniki.</i> Lefteris Sdoukopoulos (CERTH-HIT)• <i>Perception, change detection and utilisation of roads using dynamic information: a theoretical review.</i> Ilse Harms (DVS)• <i>Optimization of key design elements of 2+1-routes.</i> Marco Irzik (BAST)	
12:30	Cross cutting session by Pekka Leviäkangas (VTT) (Room S02)	
13:00	Lunch break	
14:00	Awards to the best papers and closing event (Room S09)	
15:00		

