

Sixth International Conference on Driver Behaviour and Training

19th - 20th August 2013

CONFERENCE PROGRAMME

Monday 19 August

9.30 REGISTRATION AND COFFEE

10.00 **Welcome**
Dr Lisa Dorn
Conference Chair
Cranfield University
UK

10.15 **Keynote Address**
Prof Heikki Summala
Helsinki University
Finland
Driver Behaviour

10.45 **Keynote Address**
Prof N P Gregersen
VTI
Sweden
Driver Education: An important tool for Vision Zero

11.15 **Keynote Address**
Prof Peter Chapman
Nottingham University
UK
The Ten Sins of Hazard Perception

11.30 **Keynote Address**
Prof David Crundall
Nottingham Trent University
UK
The Ten Sins of Hazard Perception

12.00 - 13.00 **Lunch**

Monday 19 August

	Room 1	Room 2	Room 3
	Driver Behaviour and Driver Training	Issues in Education and Training	Vehicle and Road Safety
13.00 - 13.30	<p style="text-align: center;">Simo Salminen Finnish Institute of Occupational Health, Finland</p> <p style="text-align: center;">Improving Safety During Work-related Driving Among Mail Van Drivers</p>	<p style="text-align: center;">Thomas Kramer Swiss Council for Accident Prevention, Switzerland</p> <p style="text-align: center;">Developing a Competence-oriented Orientation Framework as the First Step Towards Coordinated Traffic Education in Switzerland</p>	<p style="text-align: center;">Stefanie Weber Regensburg University Medical Centre, Germany</p> <p style="text-align: center;">Learning From Accidents: How to use Technical and Subjective Information to Identify Accident Mechanism and Potentials for Driver Assistance Systems</p>
13.30 - 14.00	<p style="text-align: center;">Laura Šeibokaitė Vytautas Magnus University, Lithuania</p> <p style="text-align: center;">Predicting Novice Drivers Driving Style: The Role of Self-Evaluation and Instructors' Ratings Following Driver Training</p>	<p style="text-align: center;">Erik Roelofs CITO, The Netherlands</p> <p style="text-align: center;">Development and Evaluation of a Competence Based Exam for Prospective Driving Instructors</p>	<p style="text-align: center;">Valerie Noble Loughborough University, UK</p> <p style="text-align: center;">Ergonomics of Parking Brake Application: An Introduction</p>

<p>14.00 - 14.30</p>	<p>Tova Rosenbloom Bar Ilan University, Israel</p> <p>Effectiveness Evaluation of Simulation-Based Training for Potential Drivers</p>	<p>Nick Sanders Mercedes Benz Training Academy, UK</p> <p>Psychometric risk assessment of young, learner drivers: Can we modify future behaviour?</p>	<p>Giannis Adamos University of Thessaly, Greece</p> <p>Assessing Urban Intersection Safety Improvement Through Risk Taking Driving Control and Enforcement</p>
<p>14.30 - 15.00</p>	<p>Julie Hatfield University of NSW, Australia</p> <p>Development of Impulse Control Training to Prevent Crashes Involving Young Drivers: Proof of Concept</p>	<p>Ann Havlin a2om, UK</p> <p>Road safety-related e-learning</p>	<p>Jānis Smirnovs Riga Technical University, Latvia</p> <p>Evaluation of Visual Overtaking Distance Using Driver Psycho-emotional Response</p>

15.00 -
15.30 **Afternoon Break**

Monday 19 August

	Room 1	Room 2	Room 3
	Changing Driver Behaviour	Assessing Risky Driving	Distraction and On-Road Feedback
15.30 - 16.00	<p>Gregory Wolfe US Department of State, United States</p> <p>Driver Behaviour Improvement Through Monitoring and Incentives</p>	<p>Abdullah Al Maniri Sultan Qaboos University, Oman</p> <p>Crash Involvement, Risky Driving Behaviours and Novice Drivers: A Study Among University Students in Oman</p>	<p>Oscar Williamson University of Ulster, UK</p> <p>Cognitive Distractions and their Relationship with the Driver</p>
16.00 - 16.30	<p>Holly Gwyther Aston University, UK</p> <p>Testing an intervention encouraging self-regulation in drivers across the lifespan</p>	<p>Christian Gold Technical University München, Germany</p> <p>Identification of Characteristic Parameters for the Detection of Risky Driving Behaviour</p>	<p>Ian Walker University of Bath, UK</p> <p>Assessing the Distraction caused by Wearing Helmets: Distraction is, at Worst, Marginal</p>
16.30 - 17.00	<p>Angela Young Nottingham University, UK</p> <p>Producing a Live Driving Commentary Improves Hazard Responses in a Driving Simulator</p>	<p>David Crundall Nottingham University, UK</p> <p>Balancing Media Exposure and Data Collection: Transport Psychology and the BBC</p>	<p>Sakari Hopia Ringroad International, Finland</p> <p>Online Learner Driver Feedback Using On-Board Telematics</p>

17.00 - 18.30 **Poster session and drinks reception in K116**

19.30 **Conference Dinner**

Tuesday 20 August

	Room 1	Room 2	Room 3
	Driver Behaviour and Telematics	Driver Assistance Systems & Fatigue	Issues in Hazard Perception & Safety
09.00 - 09.30	<p style="text-align: center;">Andy Price Zurich Financial Services, UK</p> <p style="text-align: center;">Where Do Driver Behaviour Telemetry Systems Fit in to the Risk Management Process for Commercial Motor Fleets?</p>	<p style="text-align: center;">Carol Holland Aston University, UK</p> <p style="text-align: center;">Fatigue Effects on Simulator Driving in Older and Younger Adults: Comparing Complex with Monotonous Drives</p>	<p style="text-align: center;">Jolieke Mesken SWOV Institute for Road Safety Research, the Netherlands</p> <p style="text-align: center;">Personality characteristics of crash-involved drivers: Hazard perception, empathy and ADHD-symptoms</p>
09.30 - 10.00	<p style="text-align: center;">Ashok Kulkarni Shell Markets Middle East Ltd, Dubai</p> <p style="text-align: center;">Use of Technology in Road Transport for Changing Driver Behaviour</p>	<p style="text-align: center;">Katja Karrer-Gauss Technical University Berlin, Germany</p> <p style="text-align: center;">Driver Fatigue Systems - How Do They Change Driver Behaviour?</p>	<p style="text-align: center;">Kan Shimazaki Waseda University, Japan</p> <p style="text-align: center;">Improvement of Driving Behaviour by Hazard Detection Training Using Accident Movies & Hazard Touch</p>
10.00 - 10.30	<p style="text-align: center;">Tova Rosenbloom Bar Ilan University Israel</p> <p style="text-align: center;">An Innovative System for Novice Driver Accompanying Monitoring</p>	<p style="text-align: center;">Nicole Truebswetter Technical University of Munich, Germany</p> <p style="text-align: center;">Older Adult's Perceptions of Advanced Driver Assistance Systems</p>	<p style="text-align: center;">Igor Radun University of Helsinki, Finland and Chalmers University of Technology, Sweden</p> <p style="text-align: center;">Recent trends in traffic safety research: A critical view</p>
10.30 - 11.00	Morning Break		

Tuesday 20 August

	Room 1	Room 2	Room 3
	Hazard Perception and Visual Search	Cultural Issues in Driver Behaviour	Fuel Efficient Driving
11.00 - 11.30	<p>Esko Lehtonen University of Helsinki, Finland</p> <p>Effect of Experience on Look-ahead Fixations in Curve Driving</p>	<p>Matus Sucha Palacky University in Olomouc, Czech Republic</p> <p>Self-reports of Aberrant Behaviour on the Roads in a Sample of Czech Drivers</p>	<p>Marcus Schmitz WIVW GmbH, Germany</p> <p>The Compatibility of Energy Efficiency with Pleasure of Driving in a Fully Electric Vehicle</p>
11.30 - 12.00	<p>Peter Chapman Nottingham University, UK</p> <p>The Impact of Anger and Frustration on Visual Search and Hazard Sensitivity in Filmed Driving Situations</p>	<p>Trond Nordfjaern Gediz University, Turkey</p> <p>An Analysis of Driver Behaviour Among Domestic And Expatriate Iranians</p>	<p>Steve Skippon Shell Global Solutions, UK</p> <p>Effects of Driving Goals on Driving Behaviour</p>
12.00 - 12.30	<p>Nick Reed TRL, UK</p> <p>Older and Wiser? Investigating Relative Visuo-cognitive Performance of Older Drivers and their Response in a Safety Critical Situation Using a Driving Simulator</p>	<p>Özlem Simsekoglu Izmir University of Economics, Turkey</p> <p>Risk Perception, Fatalism and Driver Behaviours in Turkey and Iran</p>	<p>Lutz Rösch TT-C, Germany</p> <p>Eco driver training in a bus simulator: Experiences from an evaluation study in Germany</p>
12.30 - 13.30	Lunch		

Tuesday 20 August

	Room 1	Room 2	Room 3
	Smartphone-based Driver Monitoring	Feeling of Risk	Emotions and Driving Behaviour
13.30 - 14.00	<p style="text-align: center;">Aoife Kervick National University of Ireland, Ireland</p> <p style="text-align: center;">Factors Impacting Upon Phone Application Driver Monitor Acceptance, and their Effectiveness in Reducing Young Driver Risk Taking: A Systematic Review</p>	<p style="text-align: center;">Antony Whitmore Cranfield University, UK</p> <p style="text-align: center;">Novice Drivers and Feelings of risk: The Role of Emotion in Risk Appraisal As Revealed by Skin Conductance and EEG</p>	<p style="text-align: center;">Joanne Taylor Massey University, New Zealand</p> <p style="text-align: center;">Proceed with Caution: The Extent and Characteristics of Driving Anxiety in New Zealand</p>
14.00 - 14.30	<p style="text-align: center;">Lisa Dorn Cranfield University, UK</p> <p style="text-align: center;">Smart Phone Based Telematics: A New Approach</p>	<p style="text-align: center;">Britta Lang Transport Research Laboratory, UK</p> <p style="text-align: center;">Feeling of Risk as a Determinant of Driving Behaviour: A Simulator Study</p>	<p style="text-align: center;">Rainer Hoeger Leuphana University of Lueneburg Germany</p> <p style="text-align: center;">Emotion regulation of car drivers by physical and psychological parameters of music</p>
14.30 - 15.00	<p style="text-align: center;">Aoife Kervick National University of Ireland, Ireland</p> <p style="text-align: center;">Testing A Structural Model Of Young Driver Willingness To Uptake Phone Application Driver Monitors.</p>	<p style="text-align: center;">Steve Skippon Shell Global Solutions, UK</p> <p style="text-align: center;">Decisions to Overtake are Affected by Implicit Learning of the Performance of the Car</p>	
15.00 - 15.30	Afternoon break		

Tuesday 20 August

	Room 1	Room 2	Room 3
	Personality, Experience and Goals	Driving Skill Development	Methodological Consideration in Driver Behaviour
15.30 - 16.00	<p>Julie Paxion IFSTTAR, France</p> <p>Does Experience Delay Overload Threshold in Different Driving Situations Complexity?</p>	<p>Timo Järvillehto Kajaani University of Applied Sciences, Finland</p> <p>Anticipation as a Main Principle of Brain Function and Mastering of Driving Skills</p>	<p>James Freeman Queensland University of Technology, Australia</p> <p>The Consistency of Crash Involvement Recall across Time</p>
16.00 - 16.30	<p>Steve Skippon Shell Global Solutions, UK</p> <p>Driving as the Simultaneous Pursuit of Multiple Goals</p>	<p>Veli-Matti Nurkkala CSE Simulation Centre, Finland</p> <p>Driving Skill Differences between Experienced and Inexperienced Drivers in Unexpected Driving Situations</p>	<p>Anders af Wählberg Uppsala University Sweden</p> <p>Controlling for Self-reported Exposure in Traffic Accident Prediction Studies</p>
16.30 - 17.00	<p>Trond Nordfjaern Gediz University, Turkey</p> <p>Role Of Personality Traits for Safety Cognitions and Driver Behaviour Among Norwegians</p>	<p>Jonna Kalermo Kajaani University of Applied Sciences, Finland</p> <p>Development of Anticipation In Relation To Driving Skill In A Route Learning Experiment In A Driving Simulator</p>	<p>James Freeman Queensland University of Technology, Australia</p> <p>The Wrong Tool for the Job? The Predictive Powers of the DBQ in a Sample of Queensland Motorists</p>

17.00 Conference Close

**Poster session and drinks
reception in K116 Monday 19th
August at 17.00**

Holly Gwyther, Aston University, UK
**Feelings of Vulnerability and Effects on
Driving Behaviour – A Qualitative Study**

Mark Sullman, Cranfield University, UK
Driving Anxiety in Poland

Ellen Jongen, Hasselt University, Belgium
**Linking the Visual Search Skills of Safe
Driving to Executive Functions among
Young Novice Drivers**

Monserrat Planes, University of Girona,
Spain
**The Relationship between Seat Belt Use
and Driving Distracted**

Nadine Schlosser, Regensburg University,
Germany
**Cross-road And Longitudinal Traffic
Accidents: Do They Differ in Accident
Causation?**

Vladimir Dorokhov, Institute for Higher
Nervous Activity and Neurophysiology of
RAS, Russian Republic
**Managing accident proneness by
improving key professional
psychological qualities in bus drivers**

Alexandra Puchkova, Institute for Higher
Nervous Activity and Neurophysiology of
RAS, Russian Republic
**In Search For Eye Movement Correlates
Of Monotony And Cognitive Fatigue.**

Ai Nakamura
Waseda University, Japan
**Self-Evaluation Bias of Stopping
Behaviour at a Crossing with a Stop Sign**

Alexander S. Kremes, Neurocom, Russian
Republic
**Comprehensive approach to
improvement driver-cased accidents risk**

Olga Tkachenko, Institute for Higher
Nervous Activity and Neurophysiology of
RAS, Russian Republic
**EEG Correlates of Drowsiness: An
Individual Approach**

Andy Shu Kei Cheng
Hong Kong Polytechnic University, Hong
Kong
**Impulsivity and Risk-taking Behaviour
between Motorcycle Traffic Offenders
and Non-offenders**