

Road Safety & Simulation International Conference 2017

Tuesday 17 th October 2017		Duration	Location			
9:00	9:30 Welcome	0:30	Jacob Pronk			
9:30	10:30 Keynote by Anna Nilsson-Ehle	1:00	Jacob Pronk			
10:30	11:00 Break	0:30	Kurzaal			
11:00	12:30 Session	1:30	Session 1 (presentations + pitches) Automated vehicles & transitions of control Location: Jacob Pronk Session chair: Silvia Varotto (S.F.Varotto@tudelft.nl)	Session 2 (presentations + pitches) Hazard Perception Location: Jan Toorop Session chair: Bridie Scott-Parker (bscotp@usc.edu.au)	Session 3 (presentations + pitches) Innovative methods for safety modelling Location: Cor Ruys Session chair: William Schneider (whs4@uakron.edu)	
			Ellen Wilschut, Dehlia Willemssen, Tom Alkim and Marieke Martens. Truck Drivers' Response to a Safety Critical Truck Platooning Event. Do we follow the leader? (paper no. 110)	Hagai Tapiro, Tal Oron-Gilad and Yisrael Parmet. Age groups differences in evaluation of crossing locations (paper no. 120)	Stergios Mavromatis. Safety Assessment of Control Design Parameters through Vehicle Dynamics Model (paper no. 194)	
			Willem Vlakveld, Nicole van Nes, Jonathan de Bruin, Luuk Visser, Ruben Nuijten and Merle van der Kroft. Situation awareness for latent hazards improves with increasing take over time after automation initiated take over request in a fully automated vehicle: a simulator study (paper no. 24)	Veerle Ross, Ellen Jongen, Kris Brijis, Giovanni Vanroelen, Irene Maltagliati, Tom Brijis, Caroline Beelen, Robert Ruiters, Geert Wets and Marleen Vanvuchelen. The reaction to hazards in young novice drivers with an autism spectrum disorder: a driving simulator study. (paper no. 53)	Zhi Chen and Xiao Qin. A Novel Method for Imminent Crash Prediction and Prevention (paper no. 217)	
			Pavlo Bazilinskyy, Alexander Eriksson, Sebastiaan Petermeijer and Joost de Winter. Usefulness and satisfaction of take-over requests for highly automated driving (paper no. 173)	Pedro Huertas-Leyva, Marilee Nugent, Giovanni Savino, Marco Pierini, Niccolò Baldanzini and Simon Rosalie. Why expert riders are better performing emergency braking? Expert vs. novice identification of braking performance integrating perception and action. (paper no. 322)	Renato Guadamuz-Flores and Jonathan Agüero-Valverde. Bayesian Spatial Ordered Probit Models for Crash Injury Severity at Highway-Railway Crossings (paper no. 119)	
			Silvia Varotto, Haneen Farah, Tomer Toledo, Bart van Arem and Serge Hoogendoorn. Acceptable or not? Multi-Level Choices of Control Transitions and Speed Regulations in Full-Range Adaptive Cruise Control (paper no. 192)	Bridie Scott-Parker, Leigh Wilks and Wanda Griffin. An innovative approach to improving young driver situation awareness pre-licensure: A simulator study (paper no. 9)	Lauren Buser and William Schneider IV. Use of Failure Probability Models to Justify New Methods of Patrolling (paper no. 200)	
			12:30	13:30 Lunch	1:00	Kurzaal
13:30	14:30 Posters	1:00	Gallerij (Balcony)			
14:30	15:30 Session	1:00	Session 4 (presentations) Attitudes & behaviour Location: Jan Toorop Session chair: Orit Taubman - Ben-Ari (taubman@biu.ac.il)	Session 5 (presentations) Emerging Technologies Location: Cor Ruys Session chair: Andrew Tarko (tarko@purdue.edu)	Session 7 (presentations) Vulnerable road users & surrogate safety measures Location: Jacob Pronk Session chair: Aliaksei Laureshyn (aliaksei.laureshyn@ttf.lth.se)	
			Tor-Olav Naevestad, Ross O. Phillips, Alexandra Laiou and George Yannis. Safety culture in professional road transport in Norway and Greece (paper no. 212)	Zhaoxiang He and Xiao Qin. Developing a Personalized Routing Algorithm in The Context of Road Safety (paper no. 202)	Divera Twisk, Marco Dozza, Arend Schwab, Heiko Johannsen, Stefanie de Hair, and Luca Pietrantonì. Cycling safety, recent insights future needs. An introduction to the session.	
			Joana Félix Dourado, Ana Telma Pereira, Vasco Nogueira, Ana Bastos Silva and Álvaro Da Maia Seco. Driver Behavior and Personality Traits – A Complex Relationship (paper no. 215)	Michael Robinson and Sean Brennan. Geometrically Derived Distance-Optimal Trajectories Using a Point-Mass Model for Pedestrian Avoidance (paper no. 396)	Petr Pokorny and Kelly Pitera. Application of several methods to study truck-bicycle encounters in urban areas (paper no. 133)	
			Orit Taubman - Ben-Ari, Vera Skvirsky, Timothy Greenbury and Carlo Prato. Explaining Risks Behind the Wheel – Comparing Israeli and Queensland Young Drivers (paper no. 282)	Andrew Tarko, Mario Romero, Vamsi Bandaru, Kartik Ariyur and Crithian Lizarazo. LiDAR-based Tracking of Vehicles and Pedestrians for Traffic and Safety Studies (paper no. 21)	Aliaksei Laureshyn, Carl Johnsson, Tanja Madsen, Andras Varhelyi, Maartje de Goede, Åse Svensson, Nicolas Saunier and Wouter van Haperen. Validation of surrogate safety measures with focus on vulnerable road users (paper no. 43)	
15:30	16:00 Break	0:30	Kurzaal			
16:00	17:20 Session	1:20	Session 8 (presentations) Human driver modelling Location: Jacob Pronk Session chair: Haneen Farah (h.farah@tudelft.nl)	Session 9 (presentations) Weather conditions & accidents Location: Spiegelzaal Session chair: Fanny Malin (fanny.malin@vtt.fi)	Session 10 (presentations) Evaluation of vulnerable roaduser infrastructure Location: Cor Ruys Session chair: Steve O'Hern (steve.ohern@monash.edu)	Session 11 (presentations) Vulnerable road users & safety Location: Jan Toorop Session chair: Uta Meesmann (Uta.MEESMANN@bivv.be)
			Hari Hara Sharan Nagalur Subraveti and Miho Iryo-Asano. Experimental Study of Interactive Vehicle Passing Maneuver on Two-Way Two-Lane Roads (paper no. 121)	Heike Martensen, Kevin Dependaele, Markus Lerner, Andreas Schepers, Frits Bijleveld and Jacques Commandeur. Forecasting German Crash Numbers: The Effect of Meteorological Variables (paper no. 176)	Lorenzo Domenichini, Francesca La Torre, Valentina Branzi and Monica Meocci. Impact of engineering treatments on driving performances at pedestrian crossings (paper no. 106)	Alfredo Garcia, Michael B. Lowry, Griselda Lopez and Francisco Javier Camacho-Torregrosa. Estimating cyclist volumes on two-lane rural roads using Strava data (paper no. 213)
			Yishih Chung and Chiyen Chang. Gap-selection behavior modeling based on situation awareness theory: Effects of vehicle arrival time and personal walking time projections (paper no. 274)	Joost de Jong, Patrick Broeren, Jaap Groot and Gerald Uittenboger. Evaluation of driving behaviour in horizontal curves in interchanges using floating car and meteorological data (paper no. 72)	Jin Guo, Tangyi Guo and Ushurhe Monday. A real-time signal control strategy at an isolated pedestrian crossing based on radar data (paper no. 287)	Piotr Olczewski, Daniel Rabczenko, Piotr Szagala and Anna Zielińska. Factors affecting accident risks of vulnerable road users in selected EU countries (paper no. 198)
			Antonio Lucas-Alba, Oscar Melchor-Galán, Ana Hernando, Andrés Fernández and María Teresa Blanch. Normative Driving Behavior: a comparison of two elementary car-following driving techniques (paper no. 380)	Gentjan Heqimi, Jonathan Kay and Timothy Gates. Using Spatial Interpolation to Determine Impacts of Snowfall on Traffic Crashes (paper no. 5)	Steven Stapleton, Trevor Kirsch, Timothy Gates and Peter Savolainen. Factors Affecting Driver Yielding Compliance at Uncontrolled Midblock Crosswalks on Low-Speed Roadways (paper no. 112)	Katrien Torfs, Uta Meesmann, Marie Trotta and Wouter Van den Bergh. How do vulnerable road users look at road safety? International comparison based on ESRA data from 25 countries (paper no. 151)
			Evangelos Paschalidis, Charisma Choudhury and Stephane Hess. Investigating the effects of stress on gap-acceptance decisions using physiological sensors (paper no. 351)	Fanny Malin, Ilkka Norros and Satu Innamaa. Accident risk of road and weather conditions on different road types (paper no. 406)	Steve O'Hern and Jennie Oxley. Examination of bicycle lane design characteristics (paper no. 344)	Mio Suzuki, Kei Miyanoue and Tetsuo Yai. A Fundamental Study about Naturalistic Cycling on Simulator "MORICS1" (paper no. 86)

Exhibition - Gallerij (Balcony)

Road Safety & Simulation International Conference 2017

Wednesday 18 th October 2017			Duration	Location
9:00	10:30	Session	1:30	<p>Session 12 (presentations + pitches) Automated vehicles & vulnerable road users Location: Jacob Pronk Session chair: Marjan Hagenzieker (M.P.Hagenzieker@tudelft.nl)</p> <p>Session 13 (presentations) Naturalistic driving studies & road design characteristics Location: Jan Toorop Session chair: Raghavan Srinivasan (srini@hsrc.unc.edu)</p> <p>Session 14 (presentations + pitches) Macroscopic safety prediction modelling Location: Cor Ruys Session chair: Henk Stipdonk (henk.stipdonk@SWOV.nl)</p> <p>Session 15 (presentations) Speed choice behaviour Location: Spiegelzaal Session chair: Simon Washington (s.washington@uq.edu.au)</p>
				<p>Marjan Hagenzieker. How will pedestrians and cyclists interact with automated vehicles, and how could this be studied? An introduction to the session.</p> <p>Bashar Dahir and Yasser Hassan. Relationship Between Traffic Safety and Speed Differential on Horizontal Curves Based on Naturalistic Driving Studies (paper no. 58)</p> <p>Monique Martins Gomes, Ali Pirdavani, Tom Brijis and Cira Pitombo. Evaluating the impacts of enriched information on crash prediction performance: case studies in Brazil and Flanders (paper no. 286)</p> <p>Adrian V. Horodnic, George M. Ursachi and Tanya Fosdick. Profiling drivers with speed-related contributory factors assigned in collisions. Lessons from UK (paper no. 49)</p>
				<p>Ana Rodríguez Palmeiro, Sander van der Kint, Luuk Vissers, Haneen Farah, Joost de Winter and Marjan Hagenzieker. Interaction between pedestrians and automated vehicles: A Wizard of Oz experiment (paper no. 268)</p> <p>Nicole Oneyear, Shauna Hallmark and Omar Smadi. Speed Prediction in Work Zones Using SHRP2 NDS Data (paper no. 7)</p> <p>Hesham Razzaghi, Deogratias Eustace and Shuang-Ye Wu. Spatial Analysis of Alcohol-Related Traffic Crashes in Ohio (paper no. 361)</p> <p>Alexandra Laiou, Athanasios Theofilatos, George Yannis, Uta Meesmann, Katrien Torfs and Marie Trotta. Road Users' Safety Attitudes Towards Speeding (paper no. 101)</p>
				<p>J. Pablo Nuñez Velasco, Haneen Farah, Bart van Arem and Marjan Hagenzieker. Interactions between vulnerable road users and automated vehicles: A theoretical framework (paper no. 386)</p> <p>Laura Eboli, Gabriella Mazzulla, Giuseppe Pungillo and Riccardo Pungillo. A definition of safety domains for analysing car users' driving behaviour in different kinds of roads (paper no. 32)</p> <p>Ahmed Osama Amer and Tarek Sayed. Investigating the Impact of Network Indicators on Active Transportation Safety (paper no. 148)</p> <p>Sajid Raza, Ghulam H. Bham and Rieken Venema. The effect of passing lanes on drivers' choice of speed: a seemingly unrelated regression approach (paper no. 349)</p>
				<p>Marco Dozza, Christian-Nils Boda and Jonas Bärghman. Using Wireless Communication to Control Road-user Interactions in the Real World (paper no. 281)</p> <p>Raghavan Srinivasan, Daniel Carter and Bo Lan. Investigation of Driver Performance in Different Horizontal and Vertical Curve Combinations Using SHRP2 Naturalistic Driving Data (paper no. 234)</p> <p>Henk Stipdonk. The impact of changes in the proportion of unexperienced car driving on the annual number of road deaths (paper no. 204)</p> <p>Amir Pooyan Afghari, Simon Washington and Md Mazharul Haque. Effects of Roadway Geometrics and Traffic Characteristics on Drivers Speeding Behaviour (paper no. 270)</p>
10:30	11:00	Break	0:30	Kurzaal
11:00	12:00	Keynote by Pieter Litjens	1:00	Jacob Pronk
12:00	13:00	Lunch	1:00	Kurzaal
13:00	14:00	Posters	1:00	Gallerij (Balcony)
14:00	15:20	Session	1:20	<p>Roundtable: 'Make Traffic Safety a National Priority' Location: Jacob Pronk Session chair: Ferry Smith (ANWB)</p> <p>Session 16 (presentations) Automated driving & driving complexity Location: Jan Toorop Session chair: Christopher Cabral (c.d.d.cabral@tudelft.nl)</p> <p>Session 17 (presentations) Road safety Location: Spiegelzaal Session chair: Andrew Tarko (tarko@purdue.edu)</p> <p>Session 18 (presentations) Interactions of vulnerable road users with other traffic Location: Cor Ruys Session chair: Marco Dozza (marco.dozza@chalmers.se)</p>
				<p>Jork Stapel, Freddy Babu and Riender Happee. Driver behaviour and workload perception in an on-road automated vehicle (paper no. 284)</p> <p>Yaotian Zhou and Andrew Tarko. Performance Assessment of Road Barriers in Indiana (paper no. 20)</p> <p>Giulio Bianchi Piccinini, Claudia Moretto, Huiping Zhou and Makoto Itoh. Influence of oncoming traffic on drivers' decision to overtake cyclists (paper no. 18)</p>
				<p>In 2017 more than 30 Dutch organisations representing science, government, business, and ngo's have signed the road safety manifesto 'Make road Safety a National Priority'. During the round table its origin, content and impact are discussed.</p> <p>David Large, Gary Burnett, Andrew Morris, Arun Muthumani and Rebecca Matthias. Design Implications of Drivers' Engagement with Secondary Activities During Highly-Automated Driving - A Longitudinal Simulator Study (paper no. 239)</p> <p>Anurag Pande and Brian Wolshon. Existing and Potential Methodologies for Evaluating In-Use Safety Performance of Roadside Safety Equipment (paper no. 55)</p> <p>Marco Dozza, Christian-Nils Boda, Prateek Thalya, Leila Jaber and Nils Lubbe. How do drivers negotiate intersections with pedestrians? Fractional factorial design in an open-source driving simulator (paper no. 19)</p>
				<p>Speakers: Rob Eenink (SWOV), Evert Jeen van der Meer (AON), Egbert Jan van Hasselt (National Police), Henk Schravemade (TeamAlert)</p> <p>Michelle L. Reyes, Ashley B. McDonald, Cheryl A. Roe and Daniel V. McGehee. Effect of System Failure on Driver Trust During First On-Road Experience with Lane Keeping Assist (paper no. 233)</p> <p>Domenica Catafamo, Cosimo Lanciano and Giuseppe Amante. ITS Mobile - a smart solution for all users on undivided rural roads (paper no. 238).</p> <p>Dipanjani Mukherjee and Sudeshna Mitra. What Affects Fatal Pedestrian Crashes at Urban Signalized Intersections? A Study on Pedestrian Behavior at Signalized Intersections in Kolkata Using Video-Graphic Survey (paper no. 307)</p>
				<p>Christopher Cabral, Riender Happee and Joost de Winter. What makes driving difficult? Perceived effort and eye measures follow visible semantic complexity factors (paper no. 159)</p> <p>Yao Yao, Oliver Carsten and Frank Lai. Credible speed limit setting (paper no. 141)</p> <p>Peter Apasnore, Karim Ismail and Ali Kassim. Bicycle-vehicle interactions at mid-sections of mixed traffic streets: examining passing distance and bicycle comfort perception (paper no. 401)</p>
15:20	15:50	Break	0:30	Kurzaal
15:50	17:10	Session	1:20	<p>Session 19 (presentations) Accident studies & vulnerable road users Location: Jacob Pronk Session chair: Ragnhild Davidse (ragnhild.davidse@swov.nl)</p> <p>Session 20 (presentations) Distraction & fatigue Location: Jan Toorop Session chair: Hanne Beate Sundfar (hbs@toi.no)</p> <p>Session 21 (presentations) Geometric design & road safety Location: Cor Ruys Session chair: Victoria Gitelman (trivica@technion.ac.il)</p> <p>Session 22 (presentations) Roadway design modelling Location: Spiegelzaal Session chair: Nikiforos Stamatidis (nstamat@engr.uky.edu)</p>
				<p>Tim De Ceunynck and Freya Sloomans. Causes and profiles of moped crashes in urban areas: an in-depth study (paper no. 39)</p> <p>Charlotte Desmet and Kevin Diependaele. An Eye-Tracking study on the Road examining the Effects of Handsfree Phoning on Visual Attention. (paper no. 48)</p> <p>Wojciech Kustra, Marcin Budzyński, Kazimierz Jamroz and Joanna Zukowska. Injury prediction models for single carriageways on national road in Poland (paper no. 393)</p> <p>Xiaoduan Sun, Yi He, Ashifur Rahman and Sabina Paudel. Intersection Safety Improvement: the Details Matter (paper no. 203)</p>
				<p>Laura Sandt and Stephen Marshall. A comparative analysis of pedestrian injuries using police, emergency department, and death certificate data sources (paper no. 123)</p> <p>Anae Sobhani and Bilal Farooq. Immersive Head Mounted Virtual Reality based Safety Analysis of Smartphone Distracted Pedestrians at Street Crossing (paper no. 137)</p> <p>Uditha Galgamuwa and Sunanda Dissanayake. Evaluating Safety Effectiveness of Paved Shoulders and Rumble Strips on Rural Two-Lane Road Segments using Crash Modification Factors (paper no. 267)</p> <p>Suliman Gargoum, Karim El-Basyouny and Joseph Sabbagh. Automated 3D Assessment of Sight Distance on Highways using Mobile LIDAR (paper no. 230)</p>
				<p>Ming-Heng Wang. Analysis of Factors Contributing to Vulnerable Road User-Involved Hit-and-Run Fatal Crashes (paper no. 378)</p> <p>Habibollah Nassiri, Hossein Naderi and Sina Sahebi. Assessing the Relationship Between Heavy Vehicle Driver Sleep Disorder and Confirmed Driver Behavior Measurement Tools in Iran (paper no. 335)</p> <p>Francisco Edson Macedo Filho and Johny Lira. Utilizing Space Syntax Variables to Predict Traffic Crash Frequencies at Signalized Intersections in Fortaleza, Brazil (paper no. 69)</p> <p>Konstantinos Apostoleris and Basil Psarianos. Operational Evaluation of the use of Skew Superelevation on motorways for heavy vehicles through simulation tests (paper no. 80)</p>
				<p>Ragnhild Davidse, Kirsten Van Duijvenvoorde, Marjolein Boele-Vos, Robert Louwerse, Agnieszka Stelling-Konczak, Kirsten Duijvenvoorde and Albert Jan Algera. Scenarios of crashes involving light mopeds or urban bicycle tracks (paper no. 269)</p> <p>Hanne Beate Sundfar, Fridulv Sagberg and Alena Høye. Inattention and distraction in fatal road accidents, results from in-depth studies in Norway (paper no. 383)</p> <p>Victoria Gitelman, Etti Doveh, Roby Carmel and Shalom Hakkert. The influence of shoulder characteristics on the safety level of two-lane roads; a case-study from Israel (paper no. 14)</p> <p>Kiriakos Amiridis, Nikiforos Stamatidis and Adam Kirk. Safety-Based Decisions for Left-Turn Phasing (paper no. 171)</p>
19:00	21:30	Gala Dinner	2:30	Kurzaal
21:30		Mid-night Party	2:30	Kurzaal

Exhibition - Gallerij (Balcony)

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Thursday 19 th October 2017		Duration	Location		
9:00	10:30 Session	1:30	Session 23 (presentations) Real-life observations of road user behaviour Location: Jacob Pronk Session chair: Willem Vlakveld (willem.vlakveld@swov.nl)	Session 24 (presentations + pitches) Road design assessment using driving simulation 1 Location: Jan Toorop Session chair: Tom Brijs (tom.brijs@uhasselt.be)	Session 25 (presentations + pitches) Virtual environments & augmented reality Location: Cor Ruys Session chair: Susanne Kaiser (Susanne.Kaiser@kfv.at)
			Wouter van Haperen, Malik Riaz, Stijn Daniels, Nicolas Saunier, Tom Brijs and Geert Wets. Observing the observation of road user behavior: A scoping review to gain insights into current practices (paper no. 115)	Tom Brijs. Evaluation of human factors aspects of road infrastructure using driving simulation: an overview of IMOB research.	Prashant Arora and Sean Brennan. Development of User-guided Automated Generation of Random Highway Scenarios for Driving Simulator Applications (paper no. 390)
			Reinier Jansen, Michiel Christoph and Nicole van Nes. A naturalistic perspective on intersection and roundabout maneuvers: do truck drivers check their blind spot for cyclists? (paper no. 332)	Didier Valdés Díaz, Benjamin Colucci Rios, Johnathan Ruiz González, Bryan Ruiz Cruz, Ricardo García Rosario and Enid Colón Torres. Operational and Safety-Based Analysis of PR-22 Dynamic Toll Lane (DTL) Using the UPRM Driving Simulator (paper no. 208)	Sherif Gaweesh and Mohamed Ahmed. Examining Driver Preference for Regulatory Headlight Use Signs Design in Different Weather Conditions: A Driving Simulator Study (paper no. 272)
			Bahar Dadashova, Stephanie Quinn, Tomas Lindheimer and Neal Johnson. Analysis of Speed Choice in Free-Flow Conditions Using SHRP 2 Data (paper no. 84)	Alyssa Ryan, Francis Tainter, Eleni Christofa and Michael Knodler Jr.. Alternative Merge Design at Intersection Downstream Corridors: A Driving Simulation Study (paper no. 357)	Nguyen-Thong Dang, Viola Cavallo, James Thomson, Andrea Gorrini, Alicja Piwowarczyk, Fabrice Vienne and Stefania Bandini. Crossing the Street in Dyads: Social Influence on Pedestrian Behaviour in an Immersive Virtual Environment (paper no. 36)
			Agnieszka Stelling, Paul Van Gent, Jolieke De Groot, Divera Twisk and Willem Vlakveld. Naturalistic cycling study among Dutch commuter cyclists: comparing behaviour of cyclists on pedelecs, speed pedelecs and conventional bikes (paper no. 187)	Kristof Mollu, Kris Brijs and Tom Brijs. Validation of a signalization scheme for road works at a roundabout (simulator study) (paper no. 6)	Sofie Boets, Charlotte Desmet, Daniela Knowles, Alexander Pommer and Susanne Kaiser. Detection of motorcyclists by car drivers with and without a driving license category A. A virtual reality driving simulator study including eye-tracking. (paper no. 41)
10:30	11:00 Break	0:30	Kurzaal		
11:00	12:00 Keynote by Linda Boyle	1:00	Jacob Pronk		
12:00	13:00 Lunch	1:00	Kurzaal		
13:00	14:00 Posters	1:00	Gallerij (Balcony)		
14:00	15:20 Session	1:20	Session 26 (presentations) Human driver performance Location: Jacob Pronk Session chair: Tal Oron Gilad (orontal@bgu.ac.il)	Sesison 27 (presentations) Road design assessment using driving simulation 2 Location: Jan Toorop Session chair: Alessandro Calvi (alessandro.calvi@uniroma3.it)	Session 28 (presentations) Identification of high risk location Location: Cor Ruys Session chair: Eric Green (eric.green@uky.edu)
			Oren Muscant, Ilan Laufer and Assaf Botzer. Changes in physiological indices and in acceleration performance as a function of braking task demand and drivers' physiological clusters (paper no. 73)	Alessandro Calvi, Fabrizio D'Amico and Andrea Benedetto. A validation study for analysing driving performance on deceleration and acceleration lanes using a driving simulator (paper no. 315)	Grant Schultz, Samuel Mineer and Mitsuru Saito. Roadway Safety Modeling in Utah using the Roadway Safety Analysis Methodology (paper no. 68)
			Paul van Gent, Haneen Farah, Nicole van Nes and Bart van Arem. The Use of Persuasive In-Car Technology to Drive Behavioural Change at the Tactical Level (paper no. 285)	Hammad Hussain Awan, Tom Brijs and Ali Pirdivani. Evaluation of Different Lane Separation Techniques Using Driving Simulator (paper no. 56)	Afshin Shariat Mohaymany, Matin Shahri and Saeed Rahmani. Explanatory Spatial Analysis of Urban Traffic Crashes by Developing Semi-Parametric Geographically Weighted Poisson Regression (paper no. 312)
			Rainer Höger. Gaze Distribution of Car Drivers while Crossing Villages (paper no. 265)	Eleonora Papadimitriou, Stergios Mavromatis, Dimosthenis Pavlou and George Yannis. Assessment of Speeding Profiles and Safety Margins from Tangent to Curve by means of Driving Simulation (paper no. 178)	Sudeshna Mitra and Debjit Bhowmick. Status of signalized intersection safety- A case study of Kolkata (paper no. 310)
			Paul van Gent, Haneen Farah, Nicole van Nes and Bart van Arem. Real-Time, Nonintrusive Estimation of Driver Workload in a Simulated Environment (paper no. 283)	Alessandro Calvi. Analysis of the Effectiveness of Perceptual Treatments on Crest Vertical Curve: a Driving Simulator Study (paper no. 220)	Eric Green, Reginald Souleyrette and Nikiforos Stamatiadis. Segment Length and Highway Safety Analysis: Does it matter? (paper no. 245)
15:20	15:50 Break	0:30	Kurzaal		
15:50	17:10 Session	1:20	Session 29 (presentations) Automated and connected vehicles & surrogate safety measures Location: Jacob Pronk Session chair: Bhagwant Persaud (bpersaud@ryerson.ca)	Sesison 30 (presentations) Intersection assessment using microsimulation Location: Jan Toorop Session chair: Hatem Abou-Senna (habousenna@ucf.edu)	Session 31 (presentations) Driving simulators for education and fitness to drive Location: Cor Ruys Session chair: Tom Brijs (tom.brijs@uhasselt.be)
			Freddy Antony Mullakkal Babu, Meng Wang, Bart van Arem and Riender Happee. Probabilistic Safety Field for Highway Driving Risk Assessment in Mixed Traffic with Conventional and Automated Vehicles (paper no. 197)	Masoud Abadi, David Hurwitz, Patrick Marnell and Shaun Quayle. Towards Safer Signalized Intersections: Smarter Red Clearance Extension Systems (paper no. 149)	Evelyn Gianfranchi, Mariaelena Tagliabue, Andrea Spoto and Giulio Vidotto. The assessment of driving abilities through a riding simulator: Risk profiles and sensation-seeking (paper no. 99)
			David Noyce, Kelvin Santiago-Chaparro, Madhav Chitturi and Andrea Bill. Lane Classification of Vehicle Trajectories to Support Time-to-Collision Measurements Using Existing Radar-Based Vehicle Detection Systems (paper no. 241)	Nikiforos Stamatiadis, Kiriakos Amiridis and Adam Kirk. Left Turn Phasing Simulation-Based Decisions (paper no. 170)	Bridie Scott-Parker, Jeanne Dayton, Miriam Guscott and Leigh Wilks. Situation awareness in simulation as a surrogate measure of the road safety of older drivers (paper no. 92)
			Kun Xie, Di Yang, Kaan Ozbay and Hong Yang. Identify High-risk Locations Based on a New Surrogate Safety Measure Using Real-world Connected Vehicle Data (paper no. 384)	Akshae Sabhanayagam, Michael Knodler, Eleni Christofa, Forooqh Hajiseyedjavadi and Farnoush Khalighi. Impact of S-Curves on Speed in a Modern Roundabout (paper no. 316)	Riccardo Rossi, Massimiliano Gastaldi and Gregorio Gecchele. Using driving simulator experiments to assess driver's ability. A fuzzy logic-based approach (paper no. 301)
			Bhagwant Persaud, Taha Saleem and Maria Espinosa. Can Crash Modification Factors be Estimated from Surrogate Measures of Safety? (paper no. 346)	Hatem Abou-Senna and Essam Radwan. An Interactive Framework to Evaluate the Operational and Safety Aspects of Left Turn Mode for Flashing Yellow Arrow Signals (paper no. 83)	Ariane Cuenen, Ellen M.M. Jongen, Tom Brijs, Kris Brijs, Karin Van Vlierden and Geert Wets. The effect of driving simulator based training on specific measures of driving ability of older drivers. What is the value of driving-specific feedback? (paper no. 102)

Exhibition - Gallerij (Balcony)

Road Safety & Simulation International Conference 2017

Poster presentations + pitches		Poster presentation		Pitch presentation		
Paper no.	Paper title	Poster board no.	Day/ Time/ Location	Session no.	Session time	Location
306	Matthew Sassman, Jonathan Deniel, Bernard Claverie and Thierry Bellet. SAFIR Method: Situational Awareness assessment in First Person Perspective	1	17 th October 2017 (Tuesday) 13:30 - 14:30 Gallerij (Balcony)	1 (Automated vehicles & transitions of control)	11:00-12:30	Jacob Pronk
40	Bo Zhang, Ellen Wilschut, Dehlia Willemsen and Marieke Martens. Driver Take-over Time and Behaviour when Resuming Control from Highly Automated Driving in Truck Platooning Scenarios	2				
144	Thomas Streubel and Pierre de Beaucorps. Evaluation of automated vehicle behavior in intersection scenarios	3				
31	Avinoam Borowsky and Hillel Bar-Gera. The effect of autonomous mode on drivers' overtaking tendency in a driving simulator	4		2 (Hazard Perception)	11:00-12:30	Jan Toorop
23	Maria Rosaria De Blasiis, Chiara Ferrante, Valerio Veraldi and Antonella Santilli. Effects of alcohol on hazard perception: a driving simulation study	5				
407	Morteza Asadamraji, Mahmood Saffarzadeh, Saeid Sherafatipour, Aminmirza Borujerdian and Mahshid Mirzayi. Hazard perception as a function of Iranian driver's personality characteristics	6				
146	Maria Rosaria De Blasiis, Chiara Ferrante, Laura Moschini and Valerio Veraldi. Risk perception assessment using a driving simulator: a gender analysis	7		3 (Innovative methods for safety modelling)	11:00-12:30	Cor Ruys
296	Habibollah Nassiri, Sina Sahebi and Hossein Naderi. Risk Perception for Heavy vehicle and passenger car drivers in Iranian samples	8				
142	Khaled Al-Sahili and Mohammed Dwikat. Modeling Geometric Design Consistency and Road Safety for Two-Lane Rural Highways in the West Bank, Palestine	9				
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