Hani Al-Ers

Proceedings of the 8th Computer Science Education Research Conference, 118-119	
Automatizing the Measurement of Quality of Life in Senior Citizens with Early-Stage Dementia using Smart Technology. B. de Boer, T. van Exel, H. Alers Aml (Workshops/Posters), 106-110	2019
Effects of task and image properties on visual-attention deployment in image-quality assessment H. Alers, J.A. Redi, H. Liu, I. Heynderickx Journal of Electronic Imaging 24 (2), 023030	2015
Quantifying the importance of preserving video quality in visually important regions at the expense of background content H. Alers, J.A. Redi, I. Heynderickx Signal Processing: Image Communication 32, 69-80	2015
Studying the effect of optimizing image quality in salient regions at the expense of background content H. Alers, J.A. Redi, H. Liu, I. Heynderickx Journal of Electronic Imaging 22 (4), 043012	2013
	2013
· · · · · · · · · · · · · · · · · · ·	2013
Examining the effect of task on viewing behavior in videos using saliency maps H. Alers, J.A. Redi, I. Heynderickx Human Vision and Electronic Imaging XVII 8291, 82910X	2012
Care@ Home: An integrated approach to care and social inclusion of elderly A. Pommeranz, S. Fitrianie, H. Alers, N.A. Guldemond AAL Forum	2012
Efficient neural-network-based no-reference approach to an overall quality metric for JPEG and JPEG2000 compressed images H. Liu, J.A. Redi, H. Alers, R. Zunino, I. Heynderickx Journal of Electronic Imaging 20 (4), 043007	2011
How the task of evaluating image quality influences viewing behavior H. Alers, L. Bos, I. Heynderickx 2011 Third International Workshop on Quality of Multimedia Experience, 167-172	2011
	2011
Effect of map sharing and confidence information in situation-map making L. Gunawan, H. Alers, W.P. Brinkman, M. Neerincx Proceedings of the 28th Annual European Conference on Cognitive Ergonomics	2010
Effect of image quality on disaster response applications H. Alers, L.T. Gunawan, W.P. Brinkman, I. Heynderickx 2010 Second International Workshop on Quality of Multimedia Experience	2010

No-reference image quality assessment based on localized gradient statistics: application to JPEG and JPEG2000	2010
H.Liu, J. Redi, H. Alers, R. Zunino, I. Heynderickx Human Vision and Electronic Imaging XV 7527, 75271F	
Studying the effect of optimizing the image quality in saliency regions at the expense of background content H. Alers, H. Liu, J. Redi, I. Heynderickx Image Quality and System Performance VII 7529, 752907	2010
Comparing subjective image quality measurement methods for the creation of public databases J. Redi, H. Liu, H. Alers, R. Zunino, I. Heynderickx Image Quality and System Performance VII 7529, 752903	2010
Studying the risks of optimizing the image quality in saliency regions at the expense of background content H. Alers, H. Liu, J. Redi, I. Heynderickx	2010
IS&T/SPIE Electronic Imaging	
Using eye tracking to assess the task effect on viewing behaviour H. Alers, H. Liu, L. Bos, I. Heynderickx Perception ECVP abstract 38, 23-23	2009
·	2009
Collaborative Situational Mapping during Emergency L.T. Gunawan, A.H.J. Oomes, M. Neerincx, W.P. Brinkman, H. Alers	2011
Xiao Peng	
Flipped classrooms for remote teaching during the COVID-19 pandemic M. Veldthuis, H. Alers, A. Malinowska, X. Peng Proceedings of the 9th Computer Science Education Research Conference	2020
CEOs vs members' evaluation of Cooperative Performance: Evidence from China. X. Peng, Q. Liang, W. Deng & G.W.J. Hendrikse The Social Science Journal, 1-8. doi: 10.1016/j.soscij.2019.01.006	2020
Communication and Innovation in Cooperatives. X. Peng, G.W.J. Hendrikse & W. Deng Journal of the Knowledge Economy, 9 (4), 1184-1209. doi: 10.1007/s13132-016-0401-9	2018
Innovation, Member Sorting, and Evaluation of Agricultural Cooperatives	2017
X. Peng PhD dissertation, Rotterdam School of Management, Erasmus University	
Raymond Hoogendoorn	
Heterogeneous Travel Mode Choice Modeling from Panel Data: The inclusion of nonresponse R.G. Hoogendoorn, E. Scheepers, S. Hoogendoorn – Lanser Accepted for ISCTSC 2017, Quebec, Canada	2017
Correcting for the nonresponse bias through hot deck imputation and modeling of nonresponse behavior for mobility R.G. Hoogendoorn, E. Scheepers, S. Hoogendoorn – Lanser panels . Accepted for ISCTSC 2017, Quebec, Canada.	2017
Determining the representativeness of samples in mobility panels through inverted relative entropy R.G. Hoogendoorn, E. Scheepers, S. Hoogendoorn – Lanser Accepted for ISCTSC 2017, Quebec, Canada.	2017
Modeling transport mode choice through panel data: the inclusion of nonresponse and attrition R.G. Hoogendoorn, E. Scheepers, S. Hoogendoorn – Lanser Accepted for the EWGT 2017, Budapest, Hungary - 2017	2017

Panelonderzoek: Wie doen er mee en wie vallen er af? R.G. Hoogendoorn, E. Scheepers, S. Hoogendoorn – Lanser Proceedings of the 2016 CVS conference, Zwolle, The Netherlands - 2017	2017
Generic calibration framework for joint estimation of car-following models by using microscopic data Serge Hoogendoorn and Raymond Hoogendoorn Transportation research record, 2188, pages 3745, 2010	2010
Calibration of microscopic traffic-flow models using multiple data sources Serge Hoogendoorn and Raymond Hoogendoorn Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, 368, 1928, 44974517, 2010	2010
Mental workload, longitudinal driving behavior, and adequacy of car-following models for incidents in other driving lane Raymond Hoogendoorn and Serge Hoogendoorn and Karel Brookhuis and Winnie Daamen Transportation Research Record}, 2188}, 1, 6473, 2010	2010
Wiedemann revisited: new trajectory filtering technique and its implications for car-following modeling Serge Hoogendoorn and Raymond Hoogendoorn and Winnie Daamen Transportation research record}, 2260}, 1, 152162}, 2011	2011
Empirical research and modeling of longitudinal driving behavior under adverse conditions Raymond Gerard Hoogendoorn TRAIL Thesis Series 2012	2012
Longitudinal driving behavior under adverse weather conditions: Adaptation effects, model performance and freeway capacity in case of fog R.G. Hoogendoorn and G. Tamminga and S.P. Hoogendoorn and W. Daamen 13th International IEEE Conference on Intelligent Transportation Systems, 450455, 2010	2010
Dynamic maximum speed limits: perception, mental workload, and compliance R.G. Hoogendoorn and I.M.Harms and S.P. Hoogendoorn and K.A. Brookhuis Transportation research record, 2321}, 1, 4654, 2012	2012
Automated driving, traffic flow efficiency, and human factors Raymond Hoogendoorn and Bart van Arerm and Serge Hoogendoorn Literature review, Transportation Research Record, 2422, 1, 113120, 2014	2014
State-of-the-art driving theory and modeling in case of adverse conditions R.G. Hoogendoorn Delft University of Technology, Delft, 2010	2010
Modeling driver, driver support, and cooperative systems with dynamic optimal control Serge Hoogendoorn and Raymond Hoogendoorn and Meng Wang and Winnie Daamen Transportation research record, 2316, 1, 2030, 2012	2012
Adaptation longitudinal driving behavior, mental workload, and psycho-spacing models in fog Raymond G. Hoogendoorn and Serge P. Hoogendoorn and Karel A. Brookhuis and Winnie Daamen Transportation research record, 2249, 1, 2028, 2011	2011
Verkeersmanagement bij exceptionele omstandigheden S.P. Hoogendoorn and R.L. Landman and V.L. Knoop and A.J. Pel and O.L. Huibregtse and R.G. Hoogendoorn NM Magazine,(juli), 2009	2009
Assessment of dynamic speed limits on freeway A20 near Rotterdam, Netherlands S.P. Hoogendoorn and W. Daamen and R.G. Hoogendoorn and J.W. Goemans Transportation research record, 2380, 1, 6171, 2013	2013
Simple and multi-anticipative car-following models: Performance and parameter value effects in case of fog R.G. Hoogendoorn and S.P. Hoogendoorn and K.A. Brookhuis and W. Daamen Proceedings of the TFTC Summer Meeting, Annecy, France, 79, 2010	2010
Microscopic Traffic Flow Properties in case of Emergency Situations R.G. Hoogendoorn and S.P. Hoogendoorn and B. van Arem and K.A. Brookhuis Proceedings of the Transportation Research Board 92nd Annual Meeting, 2013	2013
Longitudinal driving behavior under adverse conditions: A close look at psycho-spacing models Raymond G. Hoogendoorn and Serge P. Hoogendoorn and Karel A. Brookhuis and Winnie Daamen Procedia-Social and Behavioral Sciences, 20, 536546, 2011	2011

Applying the task-capability-interface model to the intelligent driver model in relation to complexity}	2013
R.G. Hoogendoorn and B. van Arem and S.P. Hoogendoorn and K.A. Brookhuis - 2013 Anticipation and hysteresis: parameter value changes and model performance in simple and multi-	2011
anticipative car-following models Raymond G. Hoogendoorn and Serge P. Hoogendoorn and Karel. A. Brookhuis and Winnie Daamen - 2011	
Psychological elements in car-following models: mental workload in case of incidents in the other driving lane Raymond Hoogendoorn and Serge Hoogendoorn and Karel Brookhuis and Winnie Daamen Procedia Engineering, 3, 8799, 2010	2010
Driving Behavior in Emergency Situations: Psychospacing Modeling Approach} Raymond Hoogendoorn and Serge Hoogendoorn and Karel Brookhuis Transportation research record, 2316, 1, 1119, 2012	2012
Empirical evaluation of drivers' route choice behavioral responses to social navigation} Shadi Djavadian and Raymond Hoogendoorn and Bart van Arem and Joseph Chow Transportation Research Record}, 2423, 1, 5260, 2014	2014
Psycho-spacing models and adverse conditions: A close look at incidents} Raymond Hoogendoorn and Serge Hoogendoorn and Karel Brookhuis and Winnie Daamen 2011 International Conference on Networking, Sensing and Control, 329334, 2011	2011
Driver support and cooperative systems control design: Framework and preliminary results Meng Wang and Serge Hoogendoorn and Winnie Daamen and Raymond Hoogendoorn and Bart van Arem 2012 American Control Conference (ACC), 57515756, 2012	2012
Towards a stochastic model of driving behavior under adverse conditions} R.G. Hoogendoorn and B. van Arem and S.P. Hoogendoorn and K.A. Brookhuis and R. Happee Advances in Human Aspects of Road and Rail Transportation}, 439448}, 2012}	2012
Wiedemann Revisited: New Trajectory Filtering Technique and Its Implications for Car-Following Modeling S.P. Hoogendoorn and R.G. Hoogendoorn and W. Daamen Annual Meeting of the Transportation Research Board, 2010	2010
Methodische verkenning zelfrijdende auto's en bereikbaarheid} M. Snelder and B. van Arem and R.G. Hoogendoorn and R. van Nes - 2015	2015
Modelling effects of social navigation on road traffic: The influence of penetration rates, altruism, and compliance Kakpo H.C. Adoko and Adam J. Pel and Raymond G. Hoogendoorn and Bart van Arem 8th TRISTAN, San Pedro de Atacama, Chile, 14, 2013	2013
Human factors of automated driving: Predicting the effects of authority transitions on traffic flow efficiency} Silvia F. Varotto and Raymond G. Hoogendoorn and Bart van Arem and Serge P. Hoogendoorn Proceedings of the 2nd TRAIL Internal PhD Conference, Delft, The Netherlands, 13 November 2014	2014
Incorporating driver distraction in car-following models: Applying the TCI to the IDM Raymond Hoogendoorn and Bart van Arem and Serge Hoogendoorn	2013
16th International IEEE Conference on Intelligent Transportation Systems (ITSC 2013)}, 22742279, 2013	
Autonomic decision support system for traffic and environment management, 2014} M.C. Bell and R. G. Hoogendoorn and F. Galatioto IET Digital Library	2014
A neurofuzzy approach to modeling longitudinal driving behavior and driving task complexity R.G. Hoogendoorn and B. van Arem and S.P. Hoogendoorn International Journal of Vehicular Technology}, 2012,	2012
Complexity of driving tasks: An analysis of compensation and performance effects in longitudinal driving behavior R.G. Hoogendoorn and B. van Arem and S.P. Hoogendoorn and K.A. Brookhuis 2013	2013
Empirical longitudinal driving behavior in authority transitions between adaptive cruise control and manual driving S.F. Varotto and R.G. Hoogendoorn and B. van Arem and S.P. Hoogendoorn	2015
Transportation Research Record, 2489, 1, 105-114, 2015	

Longitudinal driving behavior in case of emergency situations: an empirically underpinned theoretical framework Raymond G. Hoogendoorn and Bart van Arem and Karel A. Brookhuis Transportation research part C: emerging technologies, 36, 581603, 2013,	2013
Effects of Authority Transitions between Adaptive Cruise Control and Manual Driving on Traffic Flow Efficiency Silvia Francesca Varotto and Raymond Hoogendoorn and Bart van Arem and Serge Hoogendoorn hEART, 2014	2014
Modeling traffic system complexity through fuzzy entropy Raymond Hoogendoorn and Bart van Arem 16th International IEEE Conference on Intelligent Transportation Systems (ITSC 2013)}, 540546}, 2013	2013
De Human Factor in Verkeersmanagement., NM Magazine} R.G. Hoogendoorn and K.A. Brookhuis and S.P. Hoogendoorn 4, 22—24, 2011	2011
A context aware intelligent speed adaptation system: a field operational test Raymond G. Hoogendoorn and Holger J. Breukink and Bart van Arem 2012 15th International IEEE Conference on Intelligent Transportation Systems, 10911096, 2012	2012
Human factors of automated driving: Towards predicting the effects of authority transitions on traffic flow efficiency} Silvia F. Varotto and Raymond G. Hoogendoorn and Bart van Arem and Serge P. Hoogendoorn Poster presented at Automated Vehicles Symposium, San Francisco, USA, July-15-17, 2014	2014
Driver workload classification through neural network modeling using physiological indicators} Raymond Hoogendoorn and Bart van Arem 16th International IEEE Conference on Intelligent Transportation Systems (ITSC 2013), 22682273}, 2013	2013
Microscopic Traffic Flow Properties in Emergency Situation } Raymond Hoogendoorn and Serge Hoogendoorn and Bart van Arem and Karel Brookhuis Transportation research record}, 2391, 1, 124132, 2013,	2013
Destination celled platooning of cooperative adaptive cruise control vehicles for high-performance traffic streams} Lin Xiao and Raymond Hoogendoorn and Bart van Arem 2014, Transportation Research Board TRB	2014
Efficacy of dynamic traffic management measures: the influence of complexity and situational awareness R.G. Hoogendoorn and J.D. Vreeswijk and S.P. Hoogendoorn and K.A. Brookhuis and B. van Arem and E.C. van Berkum 5th International Conference on Traffic and Transport Psychology 2012}, 2012	2012
Using cooperative adaptive cruise control (CACC) to form high-performance vehicle streams} Steven E. Shladover and Christopher Nowakowski and Xiao-Yun Lu and Raymond G. Hoogendoorn- 2014	2014
Towards Optimal Traffic Safety on Freeways through Automated Vehicles and Traffic System Complexity Estimation Raymond G. Hoogendoorn and Silvia F. Varotto and Klaus Bogenberger and Marjan Hagenzieker and Bart van Arem - 2015	2015
Data collection techniques, Traffic simulation and data: Validation methods and applications, 532} Jean-Michel Auberlet and Ashish Bhaskar and Biagio Ciuffo and Haneen Farah and Raymond Hoogendoorn and Axel Leonhardt - 2014	2014
Effects of automated driving on traffic flow efficiency: Challenges and recent developments} S.F. Varotto and H. Farah and R.G. Hoogendoorn and B. van Arem and S.P. Hoogendoorn and J.C.F. de Winter 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015), and the Affiliated Conferences, Las Vegas (USA), 26-30 July, 2015; Submission summary}, 2015	2015
Efficacy of traffic management measures: The influence of complexity of driving conditions} R.G. Hoogendoorn and J. Vreeswijk and B. van Arem and K.A. Brookhuis 5th International Congress on Traffic and Transport Psychology ICTTP, Groningen (The Netherlands), 6-8 August, 2012	2012
Towards safe and efficient driving through vehicle automation: The dutch automated vehicle initiative} Raymond Hoogendoorn and Bart van Arem and Riender Happee and M.Mazo Espinoza and Dimitrios Kotiadis Geraadpleegd van http://davi. connekt. nl/pdf/white-paper-davi. pdf}, 2013	2013

Steering controller identification and design for human-like overtaking Yujie Zhang and Raymond Hoogendoorn and Manuel Mazo Jr and Hans Hellendoorn Procedia Manufacturing, 3, 25262533, 2015	2015
Vehicle automation and transport system performance Gonzalo Homem de Almeida Correia and Dimitris Milakis and Bart van Arem and Raymond Hoogendoorn Handbook on transport and urban planning in the developed world, 2016	2016
Quantifying the impact of autonomic system control motorway traffic using a micro modelling approach M.C. Bell and F.Galatioto and R.G. Hoogendoorn 47th Annual UTSG Conference}, 2015	2015