

The 7th International Symposium on Visually Induced Motion Sensations - Tentative Program

HKT	Day 1 - Mon, 14 Dec, 2020
5:00	Welcome by Dean Tim Cheng, School of Engineering, HKUST (UTC+8 5:00-5:10)
5:10	Opening Keynote: Prof. Richard So, HKUST (UTC+8 5:10-5:30)
5:20	
5:30	Keynote: Differences in Physical and Virtual Head Pose Predict CyberSickness in HMDs. By Prof. Stephen Palmisano, University of Wollongong, Australia (UTC+11 8:30-9:00)
5:40	
5:50	
6:00	Comparing the Motion Sickness Assessment Questionnaire and Simulator Sickness Questionnaire for Assessing Participants Head-Mounted Display Latency Symptoms by Sarah Beadle (Clemson University)
6:10	
<i>12-hour break</i>	
18:30	Examining Dynamic Field-of-View Restriction, Spontaneous Postural Instability, Cybersickness and Presence in Virtual Reality. By Joel Teixeira (University of Wollongong)
18:40	
18:50	Multimodal immersive in-car experience for relaxation and experimental concept regarding the importance of sensory conflict. By Nesrine Boughanmi and Adrian Brietzke (Volkswagen Aktiengesellschaft)
19:00	
19:10	Augmented and Virtual Reality: Current and Future Research. By Dr. Hoshang Kolivand (Liverpool John Moores University)
19:20	
19:30	<i>30-min break</i>
19:40	
19:50	
20:00	Keynote: Eyes, Organs of Balance and Brains, Puking and Posture. By Prof. Jelte Bos, Applied Scientific Research Organisation TNO, Soesterberg, Netherlands (UTC+1 13:00-13:30)
20:10	
20:20	
20:30	Keynote: Classical Motion Sickness. By Prof. John Golding, University of Westminster, London, UK (UTC 12:30-13:00)
20:40	
20:50	

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HKT	Day 2 - Tue, 15 Dec, 2020	
5:00	Keynote: Cybersickness and physical driving experience. By Prof. Thomas Stoffregen, University of Minnesota, Minneapolis, US (UTC-6 15:00-15:30)	
5:10		
5:20		
5:30	Motion Sickness in Driving Simulators A Challenge for the Assessment of Driving Performance? By Elizaveta Igoshina (University of Toronto and The Hospital for Sick Children)	
5:40		
5:50	Utility of Postural Measures for Assessing and Predicting Behavioral States in Virtual Reality. By Prof. L. James Smart Jr. (Miami University)	
6:00		
<i>12-hour break</i>		
18:30	Sinusoidal Stimulation of the Dorsolateral Prefrontal Cortex Modulates Sympathetic Nerve Activity and Abolishes Perceptions of Motion and Nausea Induced by Sinusoidal GVS. By Prof. Vaughan Macefield (Baker Heart and Diabetes Institute)	
18:40		
18:50	What constitutes ground truth?: a pilot study exploring objective indicators of cybersickness. By Gang Li (University of Glasgow)	
19:00		
19:10	Keynote: Amount of optic flow rotation is a determinant factor of severity of VR sickness. By Dr. Hiroyasu Ujike, AIST (National Institute of Advanced Industrial Science and Technology), Tsukuba, Japan (UTC+9 20:10-20:40)	
19:20		
19:30		
19:40	<i>20-min break</i>	
19:50		
20:00	Profiling of cybersickness and balance disturbance induced by virtual ship motion immersion combined with galvanic vestibular stimulation. By Prof. Yiling Cai (Second Military Medical University)	
20:10		
20:20	Predicting the susceptibility to visually induced motion sickness via questionnaire. By Brandy Murovec (Ryerson University)	
20:30		
20:40	Updating with vection during linear lateral translation in virtual reality. By John Jong-Jin Kim (York University)	
20:50		

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HKT	Day 3 - Wed, 16 Dec, 2020
5:00	Sex/gender differences in the perception of distance and self-motion. By Björn Jörges (York University)
5:10	
5:20	Vection can be influenced by cognitive factors and personality traits. By Prof. Laurence Harris (York University)
5:30	
5:40	Examining the relationships among age, simulator sickness, and motion cues in a simulated driving task. By Robert Nowosielski (The University of Toronto)
5:50	
6:00	Using VR to train Visual-Vestibular Integration in Older and Younger Adults. By Grace Gabriel (University of Toronto & KITE Research Institute, UHN.)
6:10	
<i>12-hour break</i>	
18:30	Exploring Perceived Amplitude of Roll and Pitch Rotation while Walking on a Treadmill and Standing Still. By Tzu-Yang Wang (University of Tsukuba)
18:40	
18:50	SSVEP Power Shift during Vection differs with Visually Induced Motion Sickness Susceptibility. By Yixuan Wang (HKUST)
19:00	
19:10	An In-Depth Exploration of the Effect of 2D/3D Views and Controller Types on First Person Shooter Games in Virtual Reality. By Diego Monteiro (Xi'an Jiaotong Liverpool University)
19:20	
19:30	<i>30-min break</i>
19:40	
19:50	
20:00	Objective and subjective responses to motion sickness: the group and the individual. By Tugrul Irmak (TU Delft, Department of Cognitive Robotics)
20:10	
20:20	Keynote: Visually induced motion sickness: What do we (not) know? By Prof. Behrang Keshavarz, Ryerson University, Toronto, Canada (UTC-5 7:30-8:00)
20:30	
20:40	
20:50	Closing Remark