



Theme: Applied Technologies Tuesday 25th

Programme

9.30am	Day Convenor :: Michael Docherty		
Time	Speaker	Title	
The Loft	Opening keynote		
	Chair: Jeff Jones		
9:00 - 9:50	Keynote: What's Next? Trends in Augmented Reality Research	Mark Billinghurst	
9:50 - 10:00	Housekeeping		
10:00 - 10:30	Break + Posters		
The Loft	Applied Technologies I: The Design Space		
	Chair: Jeff Jones		
10:30 - 10:55	Augmented Virtuality space: enriching virtual design environments with reality	Xiangyu Wang, Yan Gong	
10:55 - 11:20	SmartVolumes - Adaptive Voronoi power diagramming for real-time volumetric design exploration	Christian Friedrich	
11:20 - 11:45	Visiting and Developing Together - with Media- Based Nomadic Blogging	Lech Krzanik	
11:45 - 12:10	A View-based Real-time Human Action Recognition System as an Interface for HCI	Jin Choi, Yong-il Cho, Hyun S. Yang	
12:10 - 12:35	Adding Semantic Annotations, Navigation paths and Tour Guides to Existing Virtual Environments	Frederic Kleineremann, Olga de Troyer, Christophe Creelle, Bram Pellens	
12:35 - 13:00	Automatic indexing and alignment of videos for medical care training	Hiromitsu Niwa, Takamori Kawamura, Satoshi Tamura, Satoru Hayamizu	
13:00 - 14:00	Applied Technologies II: Automation		
The Loft	Z2-315	Round Table II: Virtual Reality	
14:00- 15:40	Chair: Jillian Hamilton	14.00- 15.40	Chair: Jeff Jones
14:00 - 14:20	From manual to automated optical recognition of ancient coins	Tangible 3D Communication	
	Maia Zaharieva, Martin Kampel, Klaus Vondrovec	Shiro Ozawa, Takao Abe, Mitsunori Hirano, Ichiro Kase	
14:20 - 14:40	Rendering of the Ancient Japanese Drawing Based on the Measured Data	A Realistic E-Learning System based on Mixed Reality	
	Xin Yin, Kangying Cai, Ryo Akama, Hiromi T.Tanaka	Kyunung Cho, Juho Lee, Jaemin Soh, Hyun Seung Yang	
14:40 - 15:00	Knowledge based Lacunas Detection and Segmentation for Old Paintings	Octree Based Compression of Volumetric and Surface 3D Point Cloud Data	
	Jianming Liu, Dongming Lu	Rizwan Siddiqui, I Celasun, Ulu Bayaz	
15:00 - 15:20	The Evolutionary Virtual Agent at an Exhibition	Scalable Arbitrary Surrounded Surface Calibration for Multi-projector Rendering Application	
	Jean-Claude Heudin	Dongming Lu, Qingshu Yuan, Yueping He	
15:20 - 15:40	User evaluation of options for geo-visualisation	Intuitive Community Digital Assistant User Interfaces based on Wireless Devices	
	Xiaogang Chen, Ian Bishop	Adam Postula, Matthew D'Souza, Montserrat Ros	
16:10-17:00	Applied Technologies III: Medical	Z2-315	Round Table III: Health
	Chair: Maia Zaharieva	16.10-17.00	Chair: Theodor Wyeld
16:10 - 16:35	Perception of the Force Direction and Skill Transfer by using Five-Fingered Haptic Interface	Pride and performance: innovative multimedia in the service of behavioural health change in remote Indigenous settings	
	Takahiro Endo, Haruhisa Kawasaki, Tomohiro Kanno, Tetsuya Mouri	Helen Travers, Ernest Hunter, Julie Gibson, Jonathan Champion	
16:35 - 17:00	Elements: Game Technologies and Virtual Environments for the Therapeutic Treatment of Lower Limb Function for use in Traumatic Brain Injury (TBI)	Real-Time Actuators for Monitoring Child Activity related to Accidents	
	Mark Guglielmetti, Peter Wilson, Nick Mumford, Greg Watson, Ross Eldridge, Jonathan Duckworth, Patrick Thomas, David Shum, Heiko Rudolph	Alitton Simo, Koji Kitamura, Yoshifumi Nishida	
17:00 - 17:30	Assemble for Bus: depart for Gold Coast at 5.30pm		

VSMM Board Meeting
14:00 - 16:30
Enterprise Board Rm
Z1- Level 2

CONFERENCE DINNER