

Tuesday, 22 September 2015

8:30-9:00	Registration	
9:00-10:30	<p align="center">Workshop 1</p> <p align="center"><i>"Multi-Dimensional Data Visualisation with Parallel Coordinates"</i></p> <p align="center">Julian Heinrich, Timos Kipouros & Alfred Inselberg</p>	<p align="center">Workshop 2</p> <p align="center"><i>"High-performance Visualisation Using OpenGL/WebGL"</i></p> <p align="center">Tomasz Bednarz, Daniel Filonik & Xavier Ho</p>
10:30-11:00	Morning tea	
11:00-12:30	<p align="center">Workshop 1</p> <p align="center"><i>"Multi-Dimensional Data Visualisation with Parallel Coordinates"</i></p> <p align="center">Julian Heinrich, Timos Kipouros & Alfred Inselberg</p>	<p align="center">Workshop 2</p> <p align="center"><i>"High-performance Visualisation Using OpenGL/WebGL"</i></p> <p align="center">Tomasz Bednarz, Daniel Filonik & Xavier Ho</p>
12:30-13:30	Lunch	
13:30-15:00	<p align="center">Workshop 3</p> <p align="center"><i>"Dynamic Visualisation of Scientific Workflows with Workspace"</i></p> <p align="center">Matt Bolger</p>	<p align="center">Workshop 4</p> <p align="center"><i>"Communicating Science with Animations"</i></p> <p align="center">Christopher Hammang</p>
15:00-15:30	Afternoon tea	
15:30-17:00	<p align="center">Workshop 3</p> <p align="center"><i>"Dynamic Visualisation of Scientific Workflows with Workspace"</i></p> <p align="center">Matt Bolger</p>	<p align="center">Workshop 4</p> <p align="center"><i>"Communicating Science with Animations"</i></p> <p align="center">Christopher Hammang</p>

Wednesday, 23 September 2015

8:30-17:00	Registration
9:00-9:15	Opening
9:15-10:15	Keynote 1: Daniel Keim, "The Power of Visual Analytics: Unlocking the Value of Big Data " (Chair: Falk Schreiber)
10:15-10:45	Morning tea
10:45-12:25	Oral Session 1: "Design and Evaluation for Big Data Visual Analytics" (Chair: Maxime Cordeil)
10:45	"Big Text Visual Analytics in Sensemaking " - Lauren Bradel, Nathan Wycoff, Leanna House and Chris North
11:05	"Guiding the Exploration of Scatter Plot Data Using Motif-based Interest Measures " - Lin Shao, Timo Schleicher, Michael Behrisch, Tobias Schreck, Ivan Sipiran and Daniel A. Keim
11:25	"Evaluating the Effectiveness of Color to Convey Uncertainty in Macromolecular Structures " - Julian Heinrich, Sandeep Kaur and Sean I. O'Donoghue
11:45	"Visual Assessment of Spatial Data Interpolation " - Ulrich Engelke, Ferry Susanto, Paulo A. de Souza Junior and Peter Marendy
12:05	"Designing and Evaluating Scientific Workflows for Big Data Interactions " - Ronak Etemadpour, Paul Murray, Matthew Bomhoff, Eric Lyons and Angus Forbes
12:25-13:30	Lunch
13:30-14:30	Keynote 2: Seok-Hee Hong, "Visual Analytics of Big Complex Networks " (Chair: Quang Vinh Nguyen)
14:30-15:00	Afternoon tea
14:30-16:30	Poster and Demonstration Session (Chair: Peter Marendy)
	P1: "A Simple Objective Method for Automatic Error Detection in Stereoscopic 3D Video " - Shirish Sharma, Eva Cheng and Ian Burnett
	P2: "Big Data Visual Analytics with Parallel Coordinates " - Julian Heinrich and Bertjan Broeksema
	P3: "Machine Learning and Visual Analytics for Consulting Business Decision Support " - Amy Cook, Paul Wu and Kerrie Mengersen
	P4: "Proximity Based Circular Visualization for Similarity Analysis of UNGA voting patterns " - Hyoji Ha, Seongmin Mun, Oh-Hyun Kwon and Kyungwon Lee
	P5: "Red Letters and Where They Are Going " - Sandy Clarke, Nyree Stenekes, Robert Kancans, Chris Woodland and Andrew Robinson
	P6: "TaggerVR: Immersive Data Analytics for Geoscience " - Peter Morse, Anya Reading, Christopher Lueg and Sarah Kenderdine
	P7: "Visual Analytics of Gene Set Comparison " - Nelson Perdigão and Sean O'Donoghue
	P8: "Collaborative Data Exploration Interfaces - From Participatory Sensing to Participatory Sensemaking " - Daniel Filonik, Tomasz Bednarz, Markus Rittenbruch and Marcus Foth
	Demo 1: "Dynamic Visualisation of Scientific Workflows with Workspace " - Matt Bolger
	Demo 2: "Stereoscopic Biological Data Visualisation Using the zSpace " - Bjoern Sommer
	Demo 3: "Complex Data Visualization Using Oculus Rift " - Maxime Cordeil
	Demo 4: "Investigating Investigator's Data " - Tara Martin and Pamela Brodie
16:30-17:30	Break and walk over to the Waterside Pavillion (approx. 15 min)
17:30-19:30	Reception at the Waterside Pavillion (Coordinator: Angela Davis) featuring canapes and drinks catered for by the Wursthau Kitchen

Thursday, 24 September 2015

8:30-17:00	Registration
9:00-9:15	Announcements
9:15-10:15	Keynote 3: Seán O'Donoghue, "Visual Analytics of Biological Data" (Chair: Christopher Hammang)
10:15-10:45	Morning tea
10:45:12:25	Special Session: "Immersive Analytics" (Chair: Karsten Klein)
10:45	" <i>Immersive Analytics</i> " - Tom Chandler, Maxime Cordeil, Tobias Czauderna, Tim Dwyer, Jaroslaw Glowacki, Cagatay Goncu, Matthias Klapperstueck, Karsten Klein, Kim Marriott, Falk Schreiber, and Elliot Wilson
11:05	" <i>Situated Analytics</i> " - Neven Elsayed, Bruce Thomas, Ross Smith, Kim Marriott and Julia Piantadosi
11:25	" <i>Exploration of Virtual Reality for Visual Analytics and 3D Volume Rendering of Functional Magnetic Resonance Imaging (fMRI) Data</i> " Michael de Ridder, Younhyun Jung, Robin Huang and Jinman Kim
11:45	" <i>Hybrid-dimensional Visualization and Interaction</i> " - Björn Sommer, Stephen Wang, Lifeng Xu, Ming Chen and Falk Schreiber
12:05	" <i>A Close-Range Gesture Interaction with Kinect</i> " - Harrison Cook, Quang Vinh Nguyen, Simeon Simoff, Tomas Trescak and Dean Preston
12:25:13:30	Lunch
13:30-14:30	Keynote 4: Alfred Inselberg, "Answering questions we did not know how to ask" (Chair: Julian Heinrich)
14:30-15:00	Afternoon tea
15:00-16:30	Panel Session: "Immersive Analytics for Big Data" (Chair: Karsten Klein) Panel members: Paul Bourke, Daniel Keim, Kim Marriott, Falk Schreiber, and Bruce Thomas
16:30-17:00	Walk over to the ferry terminal (approx. 15 min)
17:00-23:00	Dinner at the Museum of Old and New Art (MONA) (Coordinator: Angela Davis) 17:00-17:30 Ferry to MONA 17:45-18:45 Exclusive MONA visit 19:00-22:00 'Rock the Kasbah' dinner incl. Best Paper Awards Ceremony and Dinner Speech by Peter Morse, UTAS, " <i>Big Visualisations of Big Data: Pausiris, Antarctica, Ocean, Dark Matter</i> " 22:30-23:00 Ferry back to Hobart

Friday, 25 September 2015

8:30-11:00	Registration
9:00-9:15	Announcements
9:15-10:15	Keynote 5: Shigeo Takahashi, "Egocentric Design in Geospatial Mapping" (Chair: Ulrich Engelke)
10:15-10:45	Morning tea
10:45-12:25	Oral Session 2: "Applications and Advanced Technologies for Big Data Visual Analytics" (Chair: Amy Cook)
10:45	<i>"Interactive Geolocational and Coral Compositional Visualisation of Great Barrier Reef Heat Stress Data "</i> - Hieu Nim, Terence Done, Falk Schreiber and Sarah Boyd
11:05	<i>"Interactive Visual Analysis of Browsing and Authoring Behaviors in Web Media "</i> - Yen-Ting Kuan, Ming-Hung Tai, Hsuan-Hao Kuan, Tan-Chi Ho, Yu-Shuen Wang, Wen-Chieh Lin and Jung-Hong Chuang
11:25	<i>"Visual Fingerprints of the Acoustic Environment: The Use of Acoustic Indices to Characterise Natural Habitats "</i> - Mangalam Sankupellay, Michael Towsey, Anthony Truskinger and Paul Roe
11:45	<i>"Challenges and Perspectives in Big Eye-Movement Data Visual Analytics "</i> - Tanja Blascheck, Michael Burch, Michael Raschke and Daniel Weiskopf
12:05	<i>"Distributed Visual Analytics on Large-Scale High-Resolution Displays "</i> - Hansjörg Schmauder, Christoph Müller, Michael Burch and Daniel Weiskopf
12:25-13:30	Lunch
13:30-14:30	Keynote 6: Dianne Cook, "Is what you see really there?" (Chair: Kim Marriott)
14:30-15:00	Afternoon tea
15:00-16:30	ACEMS Session: "Big Data, Big Models and New Insight" (Chair: Tomasz Bednarz)
15:00	<i>"Big Data and Visual Analytics as a Tool to Gain New Insights "</i> - Tomasz Bednarz
15:30	<i>"Multi-scale two-directional two-dimensional principal component analysis for large array biomedical signal classification "</i> - Hong-Bo Xie
16:00	<i>"Symbolic data techniques for analysing time-dependent histogram data "</i> - Xin Zhang and Scott A. Sisson
16:30-16:45	Closing