CDVE 2016 Advanced Program
Metro Hotel Marlow Sydney Central
431-439 Pitt St. Sydney NSW 2000
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All full papers presentation and question time total is 25 minutes. Short papers (sh) presentation time: 15 minutes.
The conference will be held in: Metro Function Room, located on the Mezzanine Level (between ground and level 1)

		Session Chair
Day 0 October 24, 2016	Registration, 17:00 - 18:00 Metro Hotel Marlow Sydney Central	
Day 1 October 25, 2016		
8:00 - 9:00 Registration	Metro Hotel Marlow Sydney Central	
9:00 - 9:10 Opening	• Yuhua Luo, Conference chair	Dieter Roller
9:10 - 10:30	• Dylan Mathiesen, Trina Myers, Ian Atkinson and Jeremy Vanderwal, TerrainVis: Collaborative, Interactive, Visualisation Tool for Engaging Residents in Disaster Preparedness	Tony Huang
CV1	• Catherine P. Killen and Vasilije Kokotovich, Enhancing Design Project Review Board Effectiveness Through A Visual Collaborative Approach	
	• Daniel Filonik, Markus Rittenbruch and Marcus Foth, DataChopin - Designing Interactions for Visualisation Composition in a Co-located, Cooperative Environment	
10:30-10:50 Coffee break	Metro Function Room Foyer	
10:50 - 11:40	• Felix Baumann, Julian R. Eichhoff and Dieter Roller, Collaborative Cloud Printing Service	Vasilije Kokotovich
CA1	• Min Fu, Min Zhu, Yabo Su, Qiuhui Zhu and Mingzhao Li, Modeling Temporal Behavior to Identify Potential Experts in Question Answering Communities	
11:40 - 12:55	• Phi Giang Pham, Mao Lin Huang, and Quang Vinh Nguyen, SumUp: Statistical Visual Query of Multivariate Data with Parallel-Coordinate Geometry	
CV2	• Sun-Young Jang and Sung-Ah Kim, Larchiveum as an Augmented Historical Place: Blended Space Approach	
	• Likun He, Binbin Tang, Min Zhu, Binbin Lu and Weidong Huang, NetflowVis: A Temporal Visualization System for Netflow Logs Analysis	
13:00 - 14:00 Lunch	Marlow Dining Room, level 1	
14:00 - 15:30	• Selim Erol, Collaborative Modeling of Manufacturing Processes – a Wiki-based Approach	Maolin Huang
CE1	• Li-Nan Zhu and Yan-Wei Zhao, Performance-Matching-Based Resource Selection for Cloud Manufacturing	
	• Eva-Charlotte Forgues, Vincent Carignan, Samia Benrajeb and Daniel Forgues, A framework for improving collaboration patterns in BIM Projects	
	• Yu-Mi Song and Sung-Ah Kim, (sh)Prediction system for decision-making to improve the road environment	
15:30-15:55 Coffee break	Metro Function Room Foyer	
16:00 - 17:00		Lei Hou
CD 1	• Jun Wang, Hung-Lin Chi, Chongyi Liu and Xiangyu Wang, BIM-enabled Collaborative Scaffolding Scoping and Design	
	• Darin Phare, Ning Gu and Michael Ostwald, Representation in collective design: Are there differences between expert designers and the crowd?	
17:10 CDVE2016 reception	Metro Function Room Foyer	

Day 2 October 26, 2016

09:00 - 10:30	• Julian R. Eichhoff, Felix Baumann and Dieter Roller, Facilitating Design Automation in Multi-Organization Concurrent Engineering: Insights from Graph-Rewriting Theory	Jang Ho Lee
CD 2	• Leman Figen Gul, Muge Halici, Can Uzun and Mustafa Esengün, Understanding the Impact of Mobile Augmented Reality on Co-design Cognition and Co-modelling	
	• Agnieszka Mars and Ewa Grabska, Generation of 3d Architectural Objects with the Use of an Aesthetic Oriented Multi-Agent System	
	• Dianna Hardy, Elizabeth Forest, Zoe McIntosh, Janine Gertz and Trina Myers, (sh)Co-creation of a digital game to support language revitalisation	

10:30 - 10:55 Coffee break   Metro Function Room Foyer

10:55 - 11:40 Keynote speech Professor Dr. Leila Alem, Innovating with Wearable Sensors, AR, and Natural UI   Vasilije Kokotovich

11:40 - 12:45	• Jang Ho Lee, (sh)Tablet-Based Synchronous Learning System with Floor-Controlled Multimedia Interaction for Students	Xiangyu Wang
CA2	• Qing Shen and Xiaojuan Ban, Kernel Based Semi-supervised Extreme Learning Machine and the Application in Urban Traffic Congestion Evaluation	
	• Changjiang Wen, Zhiyao Teng, Jian Chen and Jiansu Pu, socialRadius: Visual Exploration of Spatiotemporal Features of User Check-in Behaviors Based on Social Media Data	
	• Yifan Wu, Rui Gong, Jiansu Pu and Yi Cao, eduCircle: Visualizing Spatial Temporal Features of Student Performance from Campus Consumption Data	

13:00 - 14:00 Lunch   Marlow Dining Room, level 1

14:00 - 15:30	• Jesse Tran, Quang Vinh Nguyen, Simeon Simoff and Maolin Huang, Areas of Life Visualisation: Growing Data-Reliance	Selim Erol
CV 3	• Wenbo Wang, Mao Lin Huang and Quang Vinh Nguyen, (sh)A Space Optimized Scatter Plot Matrix Visualization	
	• Xiujuan Xu, Ruisi Zhang, Zhenzhen Xu, Feng Ding, Xiaowei Zhao, Visualization of Ranking Authors Based on Social Networks Analysis and Bibliometrics	
	• Xiaokun Wang, Xiaojuan Ban, Yalan Zhang and Xu Liu, Rigid body sampling and individual time-stepping for rigid-fluid coupling of particle based fluids	

15:30-15:55 Coffee break   Metro Function Room Foyer

16:00 - 17:00	• Jane Li, John Zic, Nerolie Oakes, Dongxi Liu and Chen Wang, Design and Evaluation of an Integrated Collaboration Platform for Secure Information Sharing	Yan-Wei Zhao
CA 3	• Mandy Li, Willy Susilo and Joseph Tonien, Securing Shared Systems	

18:30 Conference dinner   Zilver, level 1, 191 Hay Street, Haymarket, Sydney

Day 3 October 27, 2016

9:00 - 10:30	• Yalan Zhang, Xiaojuan Ban, Xiaokun Wang and Xing Liu, A Density-Correction Method for Particle-based Non-Newtonian Fluid	Chakkrit Snae
CV4	• Steve Cutchin and Iker Vazquez, (sh)Synchronized Shared Scene Viewing in Mixed Virtual Reality Devices in Support of Group Collaboration	
	• Badr Harbi, Adel Ahmed and Ali Alturki, An application of measuring aesthetics in visualization	

10:30-10:50 Coffee break   Metro Function Room Foyer

10:50-12:05	• Octavio Salcedo Parra and Brayan Reyes, Design of an architecture for medical applications in IOT	Darin Phare
CA 4	• Chakkrit Snae Namahoot, Sakesan Sivilai and Michael Bruckner, A Suitable Ingredient Selection System for Patients Using SWRL Rules Optimization and Food Ontology	
	• Chayan Nuntawong and Chakkrit Snae Namahoot, A Web Based Cooperation Tool for Evaluating Standardized Computer Science Curricula Using Ontology Mapping	
12:05-12:55	• Erezi Utiome, Sherif Mohamed, Kriengsak Panuwatwanich, Emerson Lin and Lei Hou, Concurrency in BIM-Based Project Implementation: An Exploratory Study of Chongqing Jiangbei International Airport's Terminal 3A	Jane Li
CE2	• Lei Hou, Hung-Lin Chi, Erezi Utiome and Xiangyu Wang, Cooperative and Immersive Coaching to Facilitate Skill Development in Construction Tasks	

13:00-13:15 Conference Closing
13:15 Lunch   Marlow Dining Room, level 1
15:00 Optional tour