

CDVE2014 Final Program Sept. 14-17, Seattle, USA

Important: the conference is held in two close locations. Every morning the conference provides full breakfast for participants.

Day 1, The Ravenna Room, 22nd Floor, UW Tower, 4333 Brooklyn Ave NE Seattle, WA 98105

Day 2, Day 3: Conference Room, Watertown Hotel, 4242 Roosevelt Way NE, Seattle WA 98105

Note: Full paper 25 minutes, short paper (Sh) 15 minutes, including question time

Day 0, Sunday, Sept. 14, 2014

17:00 - 19:00 Registration, Watertown Hotel Lobby

Day 1 , Monday, Sept. 15, 2014 The Ravenna Room, 22nd Floor, UW Tower

8:00-9:00	Breakfast (Evergreen Room, Floor 22, UW Tower), Registration	Chair
9:00-9:10	Conference Opening (Ravenna Room, Floor 22, UW Tower) Professor Yuhua Luo	Thomas Tamisier
9:10-10:25 CV1	Michael Brooks, John Robinson, Megan Torkildson, Ray Collaborative Visual Analysis of Sentiment in Twitter Events Hong and Cecilia Aragon Frode Eika Sandnes and Kjetil Dyrgrav Effects of graph embellishments on the perception of system states in mobile monitoring tasks Boris Kovalerchuk and Vladimir Grishin Collaborative lossless visualization of n-D data by collocated paired coordinates	Thomas Tamisier
10:30-10:55	Coffee break	
10:55-12:00 CA1	Fernando Sánchez, Juan Carlos Preciado, Jose Maria Conejero and Roberto Rodriguez-Echeverria Designing cooperative social applications in healthcare by means of SocialBPM William Widjaja, Keito Yoshii and Makoto Takahashi Efficient group discussion with Digital Affinity Diagram System(DADS) Thomas Tamisier, Gero Vierke, Helmut Rieder, Yoann Didry and Olivier Parisot (sh)Data Intellection for Wiser Online Sales, The Optosa Approach	Catherine Elsen
12:00-13:05 CE1	Jun Wang, Lei Hou, Heap-Yih Chong, Xin Liu, Xiangyu Wang and Jun Guo A Cooperative System of GIS and BIM for Traffic Planning: a High-rise Building Case Study Jang Ho Lee (sh)Synchronous Mobile Learning System to Cope with Slow Network Connection Jun Wang, Heap Yih Chong, Wenchi Shou, Xiangyu Wang and Jun Guo BIM-Enabled Design Collaboration for Complex Building	Carrie Sturts Dossick
13:05-14:05	Lunch	
14:05-15:20 CD1	Jennifer Sutera, Maria Yang and Catherine Elsen The Impact of Expertise on the Capture of Sketched Intentions: Perspectives for Remote Cooperative Design Gustavo Salvador-Herranz, Manuel Contero and Jorge Camba Use of Tangible Marks with Optical Frame Interactive Surfaces in Collaborative Design Scenarios Based on Blended Spaces Jorge Camba, Manuel Contero and Gustavo Salvador-Herranz Implementation Challenges of Annotated 3D Models in Collaborative Design Environments	Tony Huang
15:20-15:45	Coffee break	

15:45-17:00	Carrie Sturts Dossick Maik Mory, Martin Wiesner, Andreas Wunsch and Sandor Vaina CA2 Tony Huang, Xiaodi Huang and Wei Lai	Messy Work in Virtual Worlds: Exploring Discovery and Synthesis in Virtual Teams An Augmented Reality Setup from Fusionated Visualization Artifacts RE-Tutor: An Augmented Reality Based Platform for Distributed Collaborative Learning	Fernando Sánchez
18:00	CDVE2014 reception, The Pacific NW Center for Construction Research and Education, UW. 7543 63rd Ave. NE Building 5, Bay B, Seattle, WA 98115		Carrie Sturts Dossick

Day 2 , Tuesday, Sept. 16 , 2014, Conference Room, Watertown Hotel

8:00 - 9:00	Breakfast (Watertown Hotel lobby), Registration		
9:00-10:30 CA3	Claudia-Lavinia Ignat, Gérald Oster, Meagan Newman, Valerie Shalin and François Charoy Tatiana Alves, Marcos R. S. Borges and Adriana Vivacqua Christine Bauer, Andreas Mladenow and Christine Strauss Pierrick Bruneau, Mickaël Stefas, Mateusz Budnik, Johann Poignant, Hervé Bredin and Thomas Tamisier	Studying the effect of delay on group performance in collaborative editing An Environment to Foster Scientific Collaborations Fostering collaboration by location-based crowdsourcing (sh)Collaborative Annotation of Multimedia Resources	Cecilia Aragon
10:30 - 11:00	Coffee break		
11:00-11:45	Keynote speech: Dr. Meredith Ringel Morris, Microsoft Research & University of Washington	Collaborative Web Search: Toward Next-Generation Information-Seeking Experiences	Claudia-Lavinia Ignat
11:45 - 13:00 CV2	Rober Morales-Chaparro, Fernando Sánchez and Juan Carlos Preciado Vladimir Grishin and Boris Kovalerchuk Heap Yih Chong, Jun Wang, Wenchi Shou, Xiangyu Wang and Jun Guo	Engineering Open Data Visualizations over the Web Multidimensional collaborative lossless visualization: experimental study Improving Quality and Performance of Facility Management using Building Information Modelling	Frode Eika Sandnes
13:00 - 14:00	Lunch		
14:15	Bus departs from Watertown Hotel for CDVE Seattle City Tour	We will stop at: Seattle Center(Space Needle is there), Pike Place Market and Gasworks Park and back to hotel.	
19:00 - 21:30	CDVE2014 dinner party at Watertown Hotel Conference room		

Day 3 , Wednesday, Sept. 17, 2014, Conference Room, Watertown Hotel

8:00 - 9:00 Breakfast (Watertown Hotel lobby), Registration			
9:00-10:30 CA4	Ursula Kirschner	Perception of space and time in a created environment Case study of the University campus	Boris Kovalerchuk
	Conrad Boton, Gilles Halin and Sylvain Kubicki	(sh)Supporting collaborative decision in architectural design with synchronous collocated 4D simulation and Natural User Interactions	
	Sven Ubik, Jiri Navratil, Jiri Melnikov, Boncheol Goo, David Cuenca and Ivani Santana Alex Ivanov and Emma Mileva	(sh)Collaborative visual environment for performing artists	
	Megan Torkildson, Kate Starbird and Cecilia Aragon	The Plot-poll Redesigned: Lessons from the Deployment of a Web-poll/Mood-tracker in an Online Support Group (sh)Analysis and Visualization of Sentiment and Emotion on Crisis Tweets	
10:25-10:50 Coffee break			
10:50-11:55 CA5	Dariusz Choinski, Artur Wodolazski and Piotr Skupin	Cloud Computing For Improving Integrity Of Data From Biotechnological Plant	Jang Ho Lee
	Irene Pluchinotta, Dino Borri and Domenico Camarda Marwan Batrouni	(sh)Planning for the microclimate of urban spaces: Notes from a multi-agent approach Overdrive suppression design pattern	
11:55 - 13:00 CA6	Olivier Parisot, Yoanne Didry and Thomas Tamisier	(sh)Data wrangling: a decisive step for compact regression trees	Ursula Kirschner
	Witold Nocon, Anna Wegrzyn, Grzegorz Polakow, Dariusz Choinski and Mieczyslaw Metzger	Integration of industrial control with analytical expert measurements for cooperative operations	
	Yan-Wei Zhao and Li-Nan Zhu	Service Evaluation-Based Resource Selection in Cloud Manufacturing	
13:00 - 14:00 Lunch			
14:00 - 15:15 CE2	Tingyu Liu and Huifen Wang	Matching workflow contexts for collaborative new product development task knowledge provisioning	Gilles Halin
	Tomasz Klopot, Dariusz Choinski, Piotr Skupin and Daniel Szczypka	Metamorphic Controller for Collaborative Design of an Optimal Structure of the Control System	
	Grzegorz Polakow and Witold Nocon	SaaS approach to the process control teaching and engineering	
15:15	Conference closing		Gilles Halin
15:15-15:40	Coffee Break		
15:40	Committee meeting, Watertown Hotel Conference Room		