

## CDVE2012 Final Program

Shin-Osaka Washington Hotel Plaza in Osaka City.  
5-5-5 Nishinakajima, Yodogawa-ku, Osaka-shi, Osaka Prefecture, 5-00, Japan  
Telephone +81-6-6303-8111

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

<b>Day 1 , Monday, Sept. 3, 2012</b>					
				<b>Chair</b>	
9:00-9:10	<b>Conference Opening</b> Professor Yuhua Luo			Prof. Dieter Roller	
9:10-10:25	<b>CA1</b>	Jang Ho Lee  Takashi Aruga Mariantonietta Noemi La	Jang Ho Lee  Takashi Aruga, Nobuyoshi Yabuki (Skype) Davide Gazzé, Mariantonietta Noemi La Polla, Andrea Marchetti, Maurizio Tesconi, Andrea Vivaldi	Real-time Mobile Distance Learning System for Smartphone  Cooperative information management of degradation of structures in WorkMail: collaborative document workflow management by email	Thomas TAMISIER
10:30-11:00	<b>Coffee Break</b>				
11:00-11:50	<b>CD1</b>	Catherine Elsen  Sung-Ah Kim	Catherine Elsen; Françoise Darses; Pierre Leclercq Ingeun Yi, Seongki Lee, Doyoung Kim, Sunyoung Jang and Sung-Ah Kim	What do strokes teach us about collaborative design?  Communication between Physical and Virtual Models in Designing Smart Buildings	Jean-Paul A. Barthès
11:50-13:15	<b>CV1</b>	Jean-Paul A. Barthès  Nobuyoshi Yabuki  Nashwan Dawood  Sung-Ah Kim	Jean-Paul A. Barthès, Alistair Jones, Atman Kendira, Dominique Lenne, Claude Moulin, and Thierry Gidel (Sh) Nobuyoshi Yabuki, Shuhei Furubayashi, Yuuki Hamada, Tomohiro Fukuda Nashwan Dawood, Geoff Miller and Nobuyoshi Yabuki  Yoon Choe, Ingeun Yi, Yumi Song and Sung-Ah Kim	Ambiguity in Multimodal Interaction with Multi-touch Multi-user Graphics Tables  Collaborative visualization of environmental simulation result and sensing data using augmented reality  Incorporating H&S into design and construction: The case for integrating Serious Games Engines Technologies and 4D planning for collaborative work  Urban Infoscape for Sustainable Lifestyle of Smart Green City	Marina Zhuravlyova Solesvik
13:15-14:15	<b>Lunch</b>				
14:15-15:35	<b>CE1</b>	Shuangxi Huang  Yasuo Fujisawa  Jack CP Cheng	Shuangxi Huang*, Hui Liang, Wei Su  (Sh) Yasuo Fujisawa, Nobuyoshi Yabuki Jack C. P. Cheng and Vignesh Venkataraman	A study on cooperative community in enterprise cluster based on fuzzy clustering Cooperative information sharing between a 3D model and structural analysis software for railway viaducts Collaborative System for HK-BEAM Green Building Certification	Catherine Elsen

15:35-16:00	<b>Coffee Break</b>			
16:00-17:15	Jochen TEIZER  <b>CA2</b> Nobuyoshi Yabuki Hugo Sereno Ferreira Zdenek Travnicek	Aaron COSTIN, Nipesh PRADHANANGA, Eric MARKS, Jochen TEIZER Nobuyoshi Yabuki, Yuta Ashida, Tomohiro Fukuda (Skype)Hugo Sereno Ferreira;, Tiago Boldt Sousa;, and Angelo Martins Sven Ubik, Petr Zejdl, Jiri Halak and Jiri Navratil	Real-time Resource Location Tracking in Building Information Models (BIM)  Cooperative integration of product model and sensor data model for knowledge discovery Scalable Integration of Multiple Health Sensor Data for Observing Medical Patterns  Real-Time Stereoscopic Streaming of Medical Surgeries for collaborative eLearning applications	Jang Ho Lee
<b>17:30</b>	Departure for Osaka amphibian bus tour and CDVE reception party			
<b>Day 2 , Tuesday, Sept. 4 , 2012</b>				
9:00-10:30	Kang Zhang  <b>CA3</b> Mikhail Fominykh Navid Ahmadi Wojciech Indyk	Cong Chen, Kang Zhang, Takayuki Itoh Mikhail Fominykh, Ekaterina Prasolova-Førland, Monica Divitini Navid Ahmadi, Mehdi Jazayeri, Monica Landoni (Sh)Wojciech Indyk, Tomasz Kajdanowicz, Przemyslaw Kazienko	Empirical Evidence of Tags Supporting High-level Awareness  Learning Computer-Mediated Cooperation in 3D Visualization Projects Enabling Cooperative Educational Game Design on the Web  Cooperative Decision Making Algorithm for Large Networks Using MapReduce Programming Model	Nashwan Dawood
10:30 - 11:00	<b>Coffee break</b>			
11:00-11:45	<b>Keynote speech:</b> Professor Renate Fruchter, Project Based Learning Laboratory, Stanford University			Nobuyoshi Yabuki
11:45 - 13:00	Fernando Olivero  <b>CD 2</b> Tiago Almeida Thomas TAMISIER Marina Zhuravlyova Sol	Fernando Olivero, Michele Lanza, Marco D'ambros (Sh)Tiago Almeida, Hugo Sereno Ferreira;, and Tiago Boldt Sousa; (Sh)Thomas Tamisier, Morgan Mathu, Fernand Feltz (Sh)Marina Z. Solesvik, Tatiana Iakovleva, and Sylvia Encheva	Ronda: A fine grained collaborative development environment  A collaborative expandable framework for software end-users and programmers Fostering Collaboration in Software Development through a Visual Assistant to Unit Testing Simulation and Optimization in Collaborative Ship Design	Gilles Halin
13:15 - 14:15 <b>Lunch</b>				
15:00	<b>Osaka sightseeing and banquet (Sept. 4, 2012)</b>			

**Day 3 , Wednesday, Sept. 5, 2012**

9:15-10:30 <b>CV 2</b>	Jaime Lloret Gilles Halin Tomohiro Fukuda	(Skype)Miguel Garcia, Diana Bri, Jaime Lloret and Pascal Lorenz Conrad Boton, Sylvain Kubicki, Gilles Halin Tomohiro Fukuda, Tian Zhang, Nobuyoshi Yabuki	Collaborating using Intergroup Communications in Group-based Wireless Sensor Networks; another way for saving energy Designing 4D visualizations adapted to construction project actors. A metamodel to describe nD visualization as coordinated multiple views Availability of Mobile Augmented Reality System for Urban Landscape Simulation	Shuangxi Huang
10:30-11:00 <b>Coffee break</b>				
11:00-12:15 <b>CD3</b>	Sushardjanti Felasari Yanwei Zhao Chris Johnson	(Skype)Sushardjanti Felasari and Chengzhi Peng Yanwei Zhao, Huan Wang, Huanhuan Hong and Jian Chen Chris Johnson	The Role of a City's Collective Memory in Supporting Cooperative Urban Design Learning Cased-based Reasoning based on Extension Theory for Conflict Resolution in Cooperative Design Coventry Industrial Design Departments Approach to Cooperative Learning	Jack CP Cheng
12:15 - 13:00 <b>CE2</b>	Sylvain Kubicki Witold Nocon	(Sh)Annie Guerriero, Daniel Zignale, Gilles Halin Dariusz Choinski, Mieczyslaw Metzger, Witold Nocon, Grzegorz Polakow, Barbara Rozalowska, Piotr Skupin	A zoomable location-based dashboard for construction management Cooperative Access to Hierarchical Data from Biotechnological Pilot plant	Jochen Teizer
13:15 - 14:15 <b>Lunch</b>				
14:15-15:45 <b>CA4</b>	Jinsong Bao Marina Z. Solesvik Miwa Takai DoYoung Kim	Jinsong Bao, Yanchun Yang and Dianliang Wu (Sh)Sylvia Encheva, Sharil Tumin, Marina Z. Solesvik Miwa Takai (Sh)DoYoung Kim, Seonki Lee, Sung-Ah Kim,	A Virtual Assembly Fat Model for Cooperative Assembly Processes of Large-Scale Product Project Proposals Ranking Based on Closed Sets Properties Tracking of the subject body using measurement of Active Quantity and extraction of color-information A Visualization System for the Comfort Analysis of Modular Architecture: A Case Study	Yanwei Zhao
15:45	<b>Conference closing</b>	<b>Professor Dieter Roller</b>		
16:00	<b>Commitee meeting</b>	Professor Dieter Roller		