

**PARALLEL SESSIONS
CRIWG**

**PARALLEL SESSIONS
COLLABTECH**

Session:				8.1			
Date:				September 8, 2014			
Session topic:				Social collaboration			
Venue:				M			
Chair:				Ulrich Hoppe			
Time	Paper ID	Paper Title	Author(s)				
09:00-09:30		CRIWG & CollabTech Open Ceremony					
09:30-10:30		Keynote Speech: Current Challenges in Business Process Modelling	P. Antunes				
11:00-11:25	32 (SP)	A programming interface and framework for developing recommendation algorithms on large-scale social networks	Alejandro Corbellini, Daniela Godoy, Cristian Mateos, Alejandro Zunino and Silvia Schiaffino				
11:25-12:00	26 (FP)	Two make a network: using graphs to assess the quality of collaboration of dyads	Irene-Angelica Chounta, Tobias Hecking, Ulrich Hoppe and Nikolaos Avouris				
12:00-12:25	41 (SP)	The Semantic Web as a Platform for Collective Intelligence	Leandro Mendoza, Guido Zuccarelli, Alicia Diaz and Alejandro Fernández				
12:25-13:00	7 (FP)	How a conflict changes the way how people behave on Fandoms An investigation of Shipper's fight in Facebook groups	Cleyton Souza, André Rolim, Jonathas Magalhães, Evandro Costa, Joseana Fechine and Nazareno Andrade				

Session:				8.3			
Date:				September 8, 2014			
Session topic:				Measuring collaboration			
Venue:				M			
Chair:				Jose A. Pino			
Time	Paper ID	Paper Title	Author(s)				
15:00-15:25	43 (SP)	An Effort of Communication Measure for Synchronous Collaborative Search Systems	Rolando Salazar-Hernandez, Clarisa Perez-Jasso, Julio Rodriguez-Cano and Edgar Perez-Perdomo				
15:25-16:00	16 (FP)	Using structural holes metrics from communication networks to predict change dependencies	Igor Scaliante Wiese, Rodrigo Takashi Kuroda, Reginaldo Re, Douglas Nassif Roma Junior, Gustavo Ansaldi Oliva and Marco Gerosa				
16:00-16:35	38 (FP)	Performance Effects of Positive and Negative Affective States in a Collaborative Information Seeking Task	Roberto Gonzalez-Ibáñez and Chirag Shah				

Date:		September 8, 2014					
Venue:		P					
Time	Paper ID	Paper Title	Author(s)				
14:00 - 15:00		Keynote Speech: How Analytics Tools Can Support Learning Communities	U. Hoppe				

Session:	8.5		
Date:	September 8, 2014		
Session topic:	Geo-collaboration		
Venue:	M		
Chair:	Nelson Baloian		
Time	Paper ID	Paper Title	Author(s)
17:00-17:25	48 (SP)	Cooperative Work for Spatial Decision Making: An Emergencies Management Case	Jonathan Frez, Nelson Baloian, Jose A. Pino and Gustavo Zurita
17:25-17:50	31 (SP)	LOST-Map: a victim-sourced rescue map of disaster areas	André Silva, Diogo Marques, Carlos Duarte, Maria Ana Viana-Baptista and Luís Carriço
17:50-18:25	39 (FP)	Mapping on Surfaces: Supporting Collaborative Work Using Interactive Tabletop	Kanida Sinmai and Peter Andras
18:25-18:50	6 (SP)	Defining a Design Space for Persuasive Cooperative Interactions in Mobile Exertion Applications	Luís Duarte, Paulo Ribeiro, Tiago Guerreiro and Luis Carriço

Session:	8.6		
Date:	September 8, 2014		
Session topic:	Collaborative Problem Solving		
Venue:	P		
Chair:	Claudio Alvarez		
Time	Paper ID	Paper Title	Author(s)
17:00-17:30	24 (FP)	CollPhoto: A Paper + Smartphone Problem Solving Environment for Science and Engineering Lectures	Claudio Alvarez, Marcelo Milrad, Francisco Borie and Martín Luna.
17:30-18:00	16 (FP)	The use of a maverick in collaborative problem solving: Investigating the implicit and explicit process	Yugo Hayashi and Kazuaki Kojima.

Session:	9.1		
Date:	September 9, 2014		
Session topic:	Learning		
Venue:	M		
Chair:	Seiji Isotani		
Time	Paper ID	Paper Title	Author(s)
09:30-10:30		Keynote Speech: Wisdom of Crowds or Wisdom of a Few?	R. Baeza-Yates
11:00-11:25	28 (SP)	Enriching (Learning) Community Platforms with Learning Analytics Components	Tilman Gohnert, Sabrina Ziebarth, Nils Malzahn and Ulrich Hoppe
11:25-12:00	4 (FP)	An Ontology Engineering Approach to Gamify Collaborative Learning Scenarios	Seiji Isotani, Geiser Chalco, Riichiro Mizoguchi and Dilvan Moreira
12:00-12:35	15 (FP)	A Systematic Mapping on Group Formation Algorithms in Collaborative Learning Contexts	Seiji Isotani and Wilmax Cruz
12:35-13:00	9 (SP)	Engineering Peer-to-Peer Learning Processes for Generating High Quality Learning Materials	Sarah Oeste, Matthias Söllner, and Jan Marco Leimeister

Session:	9.2		
Date:	September 9, 2014		
Session topic:	Knowledge Work and Tasks		
Venue:	P		
Chair:	Christopher Harris		
Time	Paper ID	Paper Title	Author(s)
11:00-11:30	26 (FP)	Topic-by-Topic Activity Estimation for Knowledge Work Lifelog	Masayuki Okamoto.
11:30-12:00	28 (FP)	The Use of Token-based Protocols in CSCW Tasks - An Empirical Examination	Christopher G. Harris.
12:00-12:30	27 (SP)	Effects of Gamification on Electronic Brainstorming System	Takaya Yuizono, Quinzhe Xing and Furukawa Hiroaki.
12:30-13:00			

Session:	9.3		
Date:	September 9, 2014		
Session topic:	Collaborative learning and social media		
Venue:	M		
Chair:	Julita Vassileva		
Time	Paper ID	Paper Title	Author(s)
14:30-15:05	13 (FP)	Motivating Wiki-based Collaborative Learning by Increasing Awareness of Task Conflict: A Design Science Approach	Kewen Wu, Julita Vassileva and Xiaoling Sun
15:05-15:30	10 (SP)	Social media collaboration in the classroom: A study of group collaboration	Liana Razmerita and Kathrin Kirchner

Session:	9.4		
Date:	September 9, 2014		
Session topic:	Co-Dining Support		
Venue:	P		
Chair:	Tomoo Inoue		
Time	Paper ID	Paper Title	Author(s)
14:30-15:00	13 (FP)	Difference between standing and seated conversation over meal toward better communication support	Yasuhiro Noguchi and Tomoo Inoue.
15:00-15:30	22 (FP)	Proposal of an Attentive Listening Agent Based on the Analysis of Face-to-face Dyadic Conversation Behavior on Uneven Meal Distribution Setting	Hiroimi Hanawa and Tomoo Inoue.

15:30-16:05	45 (FP)	Monitoring Student Activities with a Querying System	Nelson Baloian, Jose A. Pino, Ulrich Hoppe and Jens Hardings	15:30-16:00			
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Session:				9.5			
Date:				September 9, 2014			
Session topic:				Health			
Venue:				M			
Chair:				Jesus Favela			
Time	Paper ID	Paper Title	Author(s)	Time	Paper ID	Paper Title	Author(s)
16:30-17:05	46 (FP)	Ambient casual games to promote socialization and active ageing	Raymundo Cornejo, Daniel Hernandez, Monica Tentori and Jesus Favela.	16:30-17:00	19 (FP)	A Study of Changing Locations of Vibrotactile Perception on A Forearm by Visual Stimulation	Arinobu Niijima and Takefumi Ogawa.
17:05-17:30	37 (SP)	Supporting Teleconsulting with Text Mining: Continuing Professional Development in the TelehealthRS Project	Fábio Damasceno, Carlos André Aita Schmitz, Eliseo Reategui, Erno Harzheim and Daniel Epstein	17:00-17:30	34 (FP)	Comparing Video, Avatar, and Robot Mediated Communication: Pros and Cons of Embodiment	Kazuaki Tanaka, Hideyuki Nakanishi and Hiroshi Ishiguro.
17:30-17:55	44 (SP)	Promoting Elderly-Children interaction in Digital Games: A preliminary set of Design Guidelines	Ana Grimaldo, Alberto L. Morán, Eduardo Calvillo Gamez, Paul Cairnes, Ramon R. Palacio and Victoria Meza	17:30-18:00	5 (SP)	Interacting with 3D Model on Tabletop and Mobile Paper Projection	Yusuke Takeuchi and Masanori Sugimoto.
17:55-18:30	33 (FP)	Virtual Operating Room for Collaborative Training of Surgical Nurses	Nils Fredrik Kleven, Ekaterina Prasolova-Førland, Mikhail Fominykh, Arne Hansen, Guri Rasmussen, Lisa Millgård Sagberg and Frank Lindseth	18:00-18:30	1 (SP)	Creating Interactive Flexible Surfaces with Origami Tessellations	Kentaro Go, Yuichiro Kinoshita, Kohei Kaneko and Reiji Kozono.

Session:				9.6			
Date:				September 9, 2014			
Session topic:				Augemented Reality and Robot			
Venue:				P			
Chair:				Masanori Sugimoto			
Time	Paper ID	Paper Title	Author(s)	Time	Paper ID	Paper Title	Author(s)
16:30-17:00	19 (FP)	A Study of Changing Locations of Vibrotactile Perception on A Forearm by Visual Stimulation	Arinobu Niijima and Takefumi Ogawa.	16:30-17:00	19 (FP)	A Study of Changing Locations of Vibrotactile Perception on A Forearm by Visual Stimulation	Arinobu Niijima and Takefumi Ogawa.
17:00-17:30	34 (FP)	Comparing Video, Avatar, and Robot Mediated Communication: Pros and Cons of Embodiment	Kazuaki Tanaka, Hideyuki Nakanishi and Hiroshi Ishiguro.	17:00-17:30	34 (FP)	Comparing Video, Avatar, and Robot Mediated Communication: Pros and Cons of Embodiment	Kazuaki Tanaka, Hideyuki Nakanishi and Hiroshi Ishiguro.
17:30-18:00	5 (SP)	Interacting with 3D Model on Tabletop and Mobile Paper Projection	Yusuke Takeuchi and Masanori Sugimoto.	17:30-18:00	5 (SP)	Interacting with 3D Model on Tabletop and Mobile Paper Projection	Yusuke Takeuchi and Masanori Sugimoto.
18:00-18:30	1 (SP)	Creating Interactive Flexible Surfaces with Origami Tessellations	Kentaro Go, Yuichiro Kinoshita, Kohei Kaneko and Reiji Kozono.	18:00-18:30	1 (SP)	Creating Interactive Flexible Surfaces with Origami Tessellations	Kentaro Go, Yuichiro Kinoshita, Kohei Kaneko and Reiji Kozono.

Session:				10.1			
Date:				September 10, 2014			
Session topic:				Software development			
Venue:				M			
Chair:				Alberto Moran			
Time	Paper ID	Paper Title	Author(s)	Time	Paper ID	Paper Title	Author(s)
09:30-10:30		Keynote Speech: Collaboration and Critical Thinking	M. Nussbaum				
11:00-11:25	42 (SP)	Smart-Interaction as Support for Starting Interaction in Distributed Software Development	Ramon R. Palacio, José Ramón Martínez, Joaquin Cortez, Luis Adrián Castro and Alberto L. Morán	11:00-11:30	20 (FP)	Multilevel analysis of Collaborative Activities based on a Mobile Learning Scenario for Real Classrooms	Irene-Angelica Chounta, Adam Gienzma and Ulrich Hoppe.
11:25-11:50	35(SP)	Choosing an Appropriate Task to Start With In Open Source Software Communities: a Hard Task	Igor Steinmacher and Marco Gerosa	11:30-12:00	14 (FP)	Collaborative Search Research in College Computer Courses	Addison Su, Chester Huang, T.-J Ding, Angus Huang, Stephen Yang and Y.-Z. Hsieh.
11:50-12:15	24(SP)	Collaborating in the Fog: A Case Study of Agile Software Development	Diane Strode	12:00-12:30	29 (SP)	TUtor Collaborator Using MultiAgent system	Márcio Alencar and José Netto.
12:15-13:10	36 (SP)	Monitoring Collaboration in Software Processes using Social Networks	Gabriella Costa, Francisco Santana, Andréa Magdaleno and Claudia Werner	12:30-13:00			

Session:				10.2			
Date:				September 10, 2014			
Session topic:				Learning Support Systems			
Venue:				P			
Chair:				Ulrich Hoppe			
Time	Paper ID	Paper Title	Author(s)	Time	Paper ID	Paper Title	Author(s)
11:00-11:30	20 (FP)	Multilevel analysis of Collaborative Activities based on a Mobile Learning Scenario for Real Classrooms	Irene-Angelica Chounta, Adam Gienzma and Ulrich Hoppe.	11:00-11:30	20 (FP)	Multilevel analysis of Collaborative Activities based on a Mobile Learning Scenario for Real Classrooms	Irene-Angelica Chounta, Adam Gienzma and Ulrich Hoppe.
11:30-12:00	14 (FP)	Collaborative Search Research in College Computer Courses	Addison Su, Chester Huang, T.-J Ding, Angus Huang, Stephen Yang and Y.-Z. Hsieh.	11:30-12:00	14 (FP)	Collaborative Search Research in College Computer Courses	Addison Su, Chester Huang, T.-J Ding, Angus Huang, Stephen Yang and Y.-Z. Hsieh.
12:00-12:30	29 (SP)	TUtor Collaborator Using MultiAgent system	Márcio Alencar and José Netto.	12:00-12:30	29 (SP)	TUtor Collaborator Using MultiAgent system	Márcio Alencar and José Netto.
12:30-13:00				12:30-13:00			

Session:				10.3			
Date:				September 10, 2014			
Session topic:				Evaluation			
Venue:				M			
Chair:				Jordan Janeiro			

Session:				10.4			
Date:				September 10, 2014			
Session topic:				Late-breaking session			
Venue:				P			
Chair:				Benjamin Weyers			

Time	Paper ID	Paper Title	Author(s)	Time	Paper ID	Paper Title	Author(s)
14:30-15:05	19 (FP)	Understanding how Network Performance Affects User Experience of Remote Collaboration	Leila Alem and Tony Huang	14:30-15:00	LBP1	The Issues Regarding the Distance between the Surface and the Displayed Objects	Minoru Kobayashi
15:05-15:40	20 (FP)	Construction and Evaluation of a Collaboration Observation Model	Paula Ballard, Maria Luiza Campos and Marcos Borges	15:00-15:30	LBP2	Collaborative Creation of Interaction Patterns for the Use in User Interface Generation	Benjamin Weyers, Johannes Nanninga and Wolfram Luther
15:40-16:05	30 (SP)	Evaluating Different Group Coordination Mechanisms in an Industrial Engineering Scenario	Jordan Janeiro, Stephan Lukosch, Frances M.T. Brazier, Mariano Leva, Massimo Mecella and Arne Byström	15:30-16:00	LBP3	Co-Musicator: A Web-Based System for Musicians to Support Recording, Playing, Indexing and Discussing	Takehiko Sakamoto, Shin Takahashi and Jiro Tanaka

Session: 10.5			
Date: September 10, 2014			
Session topic: Geo-collaboration			
Venue: M			
Chair: Nelson Baloian			
Time	Paper ID	Paper Title	Author(s)
16:30-16:55	47 (SP)	Requirements for Ad-hoc Geo-referenced BPM with Microblogging	Pedro Antunes, Gustavo Zurita and Nelson Baloian
16:55-17:30	22 (FP)	JEMF: A framework for the development of mobile systems for emergency management	Marcus F.T. Machado, Bruno S. Nascimento, Adriana S. Vivacqua and Marcos R. S. Borges
17:30-18:05	14 (FP)	Architecture of Mobile Crowdsourcing Systems	Frank Fuchs-Kittowski and Daniel Faust
18:05-18:40	2 (FP)	A Semantic Approach to Shared Resource Discovery	Kimberly García, Salma Velasco, Sonia Mendoza and Dominique Decouchant

Session: 10.6			
Date: September 10, 2014			
Session topic: Late-breaking session			
Venue: P			
Chair: Nobutaka Kwaguchi			
Time	Paper ID	Paper Title	Author(s)
16:30-17:00	LBP4	A Networked Discussion Tool for Shogi	Yoshikazu Tagashira, Hiroyuki Tarumi, Shinji Toshima, Shinji Ohara, Toshiki Kinuhata and Toshihiro Hayashi
17:00-17:30	LBP5	A Proposal of Digital Photo Frame Sharing Photos and Comments	Satoshi Ichimura
17:30-18:00	LBP6	Learning Log Navigator: Supporting Authentic Learning Using Ubiquitous Learning Logs	Kousuke Mouri, Hiroaki Ogata and Songran Liu
18:00-18:30			