

**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)				
09:00-10:30		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 Shipperâ€™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)				
14:30-14:55	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				
14:55-15:30	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				
15:30-16:05	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)
14:30-16:00		Keynote Speech: How Analytics Tools Can Support Learning Communities	U. Hoppe

Session:				8.5			
Date:				September 8, 2014			
Session topic:				Geo-collaboration			
Venue:				M			

Session:		8.6	
Date:		September 8, 2014	
Session topic:		Collaborative Problem Solving	
Venue:		P	

Chair: Pedro Antunes			
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
16:55-17:20	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
17:20-17:55	39 (FP)	Mapping on Surfaces: Supporting Collaborative Work Using Interactive Tabletop	Kanida Sinmai and Peter Andras
17:55-18:20	6 (SP)	Defining a Design Space for Persuasive Cooperative Interactions in Mobile Exertion Applications	Luís Duarte, Paulo Ribeiro, Tiago Guerreiro and Luis Carriço

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

Session: 9.1			
Date: September 9, 2014			
Session topic: Learning			
Venue: M			
Chair: Seiji Isotani			
Time	Paper ID	Paper Title	Author(s)
09:00-10:30		Keynote Speech: Wisdom of Crowds or Wisdom of a Few?	R. Baeza
11:00-11:25	28 (SP)	Enriching (Learning) Community Platforms with Learning Analytics Components	Tilman Göhner, 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
15:30-16:05	45 (FP)	Monitoring Student Activities with a Querying System	Nelson Baloian, Jose A. Pino, Ulrich Hoppe and Jens Hardings

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.
15:30-16:00			

Session: 9.5			
Date: September 9, 2014			
Session topic: Health			

Session: 9.6			
Date: September 9, 2014			
Session topic: Augmented Reality and Robot			

Venue:		M		
Chair:		Jesus Favela		
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	
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 Favela	
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	
17:55-18:30	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	

Venue:		P		
Chair:		Masanori Sugimoto		
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.	
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.	
18:00-18:30	1 (SP)	Creating Interactive Flexible Surfaces with Origami Tessellations	Kentarō 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)	
09:00-10:30		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, Joaquín Cortez, Luis Adrián Castro and Alberto L. Moran	
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	
11:50-12:15	24(SP)	Collaborating in the Fog: A Case Study of Agile Software Development	Diane Strode	
12:15-13:10	36 (SP)	Monitoring Collaboration in Software Processes using Social Networks	Gabriella Costa, Francisco Santana, Andréa Magdaleno and Claudia Werner	

Session:		10.2		
Date:		September 10, 2014		
Session topic:		Learning Support Systems		
Venue:		P		
Chair:		Ulrich Hoppe		
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 Giemza 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. Heib	
12:00-12:30	29 (SP)	TUtor Collaborator Using MultiAgent system	Márcio Alencar and José Netto.	
12:30-13:00				

Session:		10.3		
Date:		September 10, 2014		
Session topic:		Evaluation		
Venue:		M		
Chair:		Jordan Janeiro		
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	
15:05-15:40	20 (FP)	Construction and Evaluation of a Collaboration Observation Model	Paula Ballard, Maria Luiza Campos and Marcos Borges	

Session:		10.4		
Date:		September 10, 2014		
Session topic:		Late-breaking session		
Venue:		P		
Chair:		Benjamin Weyers		
Time	Paper ID	Paper Title	Author(s)	
14:30-15:00	LBP1	The Issues Regarding the Distance between the Surface and the Displayed Objects	Minoru Kobayashi	
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
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Session:				10.5			
Date:				September 10, 2014			
Session topic:				Geo-collaboration			
Venue:				M			
Chair:				Nelson Baloian			
Time	Paper ID	Paper Title	Author(s)	Time	Paper ID	Paper Title	Author(s)
16:30-16:55	48 (SP)	Cooperative Work for Spatial Decision Making: An Emergencies Management Case	Jonathan Frez, Nelson Baloian, Jose A. Pino and Gustavo Zurita	16:30-17:00	LBP4	A Networked Discussion Tool for Shogi	Yoshikazu Tagashira, Hiroyuki Tarumi, Shinji Toshima, Shinji Ohara, Toshiki Kinuhata and Takahiro Uemura
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	17:00-17:30	LBP5	A Proposal of Digital Photo Frame Sharing Photos and Comments	Satoshi Ichimura
17:30-18:05	14 (FP)	Architecture of Mobile Crowdsourcing Systems	Frank Fuchs-Kittowski and Daniel Faust	17:30-18:00	LBP6	Learning Log Navigator: Supporting Authentic Learning Using Ubiquitous Learning Logs	Kousuke Mouri, Hiroaki Ogata and Songran Liu
18:05-18:40	2 (FP)	A Semantic Approach to Shared Resource Discovery	Kimberly García, Salma Velasco, Sonia Mendoza and Dominique Decouchant	18:00-18:30			

Session:				10.6			
Date:				September 10, 2014			
Session topic:				Late-breaking session			
Venue:				P			
Chair:				Nobutaka Kwaguchi			
Time	Paper ID	Paper Title	Author(s)	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 Takahiro Uemura	16:30-17:00	LBP4	A Networked Discussion Tool for Shogi	Yoshikazu Tagashira, Hiroyuki Tarumi, Shinji Toshima, Shinji Ohara, Toshiki Kinuhata and Takahiro Uemura
17:00-17:30	LBP5	A Proposal of Digital Photo Frame Sharing Photos and Comments	Satoshi Ichimura	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	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				18:00-18:30			