

Thursday, 18 Sept. 10:30 - 12:30 Session Massive Open Online Courses - Chair:				
Paper #	Type	Authors	Title	
45	Full	Rebecca Ferguson and Mike Sharples	Innovative Pedagogy at Massive Scale: Teaching and Learning in MOOCs	30
97	Full	José A. Ruipérez-Valiente, Pedro J. Muñoz-Merino, Carlos Delgado Kloos, Katja Niemann, Maren Schefel	Do Optional Activities Matter in Virtual Learning Environments?	30
23	Short	Carlos Alario-Hoyos, Mar Pérez-Sanagustín and Carlos Delgado Kloos	Are we all on the same Boat? Coordinating Stakeholders for the Design of MOOCs	15
218	Short	Carmen De Maio, Vincenzo Loia, Giuseppina Rita Mangione, Francesco Orcioli	Automatic Generation of SKOS Taxonomies for Generating Topic-based User Interfaces in MOOCs	15
91	Full	Sabrina Ziebarth and H. Ulrich Hoppe	MoodleSPOC: A Resource-Intensive Blended Learning Course	30

Thursday, 18 Sept. 14:00 - 15:30 Session Learning Design - Chair:				
Paper #	Type	Authors	Title	
1	Full	Alessandro Arpetti, M. Cecilia C. Baranauskas and Tommaso Leo	Eliciting Requirements for Learning Design Tools A Semio-Participatory Approach	30
37	Full	Esteban Loiseau, Pierre Lorfardec and Sébastien Iksal	Abstraction of Learning Management Systems Instructional Design Semantics: a Meta-Modeling approach applied to the Moodle case-study	30
107	Full	Juan C. Vidal, Manuel Lama, Borja Vázquez, Manuel Mucientes	Reconstructing IMS LD units of learning from event logs	30

Friday, 19 Sept. 10:30 - 12:30 Session - Mobile & Workplace Learning - Chair:				
Paper #	Type	Authors	Title	
50	Full	Roland Klemke, Stefaan Ternier, Marco Kalz, Birgit Schmitz, Marcus Specht	Immersive multi-user decision training games with ARLearn	30
26	Short	Fridolin Wild, Peter Scott, Jaakko Karjalainen, Kaj Helin, Salla Lind-Kohvakka, Ambjoern Naevae	An augmented reality job performance aid for khaesthetic learning in manufacturing work places	15
12	Short	Christothea Herodotou, Eloy Villascaslaras-Fernández, Mike Sharples	The design and evaluation of a sensor-based mobile application for citizen inquiry science investigations	15
194	Short	Sebastian Dennerlein, Matthias Rella, Vladimir Tomberg, Dieter Theiler, Tamsin Treasure-Jones, Micky Kerr, Tobias Ley, Mohammad Al-Smadi, Christoph Trattner	Making Sense of Bits and Pieces: A Sensemaking Tool for Informal Workplace Learning	15
128	Short	Irina Diaconita, Christoph Rensing, Stephan Tittel	Getting the Information You Need, When You Need It: A Context-aware Q&A System for Collaborative Learning	15
64	Full	David Cabiellés-Hernández, Juan Ramón Pérez-Pérez, MPuerto Paule-Ruiz, Victor M. Álvarez-García, Samuel Fernández-Fernández	dmTEA: Mobile learning to aid in the diagnosis of autism spectrum disorders	30

Friday, 19 Sept. 13:30 - 15:15 Session - Technology enhanced Learning at School - Chair:				
Paper #	Type	Authors	Title	
19	Full	Isa Jahnke, Lars Norqvist and Andreas Olsson	Digital Didactical Designs of Learning Expeditions	30
66	Short	Lars Norqvist, Isa Jahnke, Andreas Olsson	The Learners' Expressed Values of Learning in a Media Tablet Learning Culture	15
104	Short	Lena Pareto, Sara Willemark	Can teachers' fragmented work situation jeopardize professional development of future teaching practices?	15
99	Full	Olga Firsova, Marco Kalz, Dirk Börner, Fleur Prinsen, Ellen Rusman, Stefaan Ternier, Marcus Specht	Mobile Inquiry-Based Learning with Sensor-Data in the School: Effects on Student Motivation	30
71	Short	Madha Shafaat Ahmad, Nguyen Thin Le, Niels Pinkwart	Requirements for Learning Tools Supporting School Field Trips	15

Thursday, 18 Sept. 10:30 - 12:00 Session Engineering & Evaluation of TEL Applications - Chair:				
Paper #	Type	Authors	Title	
52	Full	Hendrik Drachslér, Slavi Stoyanov, Mathieu d'Aquin, Felco Herder, Marieke Guy, Stefan Dietze	An Evaluation Framework for Data Competitions in TEL	30
106	Short	Michael Dermitt, István Koren, Petru Nicolaescu, Dominik Renzel, Ralf Klamma	Blueprint for Software Engineering in Technology Enhanced Learning Projects	15
133	Short	Marco Mercurio, Iliaria Torre, Simone Torsani	Responsive Web and Adaptive Web for Open and Ubiquitous Learning	15
130	Short	Rocael Hernández, Christian Gütl, Hector R. Amado-Salvatierra	Using JSON-LD and Hydra for Cloud-based Tool In-teroperability: A Prototype Based on a Vocabulary and Communication Process Handler for Mind Map Tools	15
94	Short	Amel Yessad, Isabelle Mounier, Jean-Marc Labat, Fabrice Kordon, Thibault Carron	Have you found the error? A Formal Framework for Learning Game Verification	15
85	Full	Blandine Ginon, Le Vinh Thai, Stéphanie Jean-Daubias, Marie Lefevre, Pierre-Antoine Champin	Adding epiphytic assistance systems in learning applications using the SEPIA system	30

Thursday, 18 Sept. 14:00 - 15:15 Session Lecture enrichment & Cooperative Learning - Chair:				
Paper #	Type	Authors	Title	
13	Full	Vera Gehlen-Baum, Armin Weinberger, Alexander Pohl, Francois Bry	Technology use in lectures to enhance students' attention	30
73	Full	Johannes Konert, Dmitrij Burlak, Ralf Steinmetz	The Group Formation Problem: An Algorithmic Approach to Learning Group Formation	30
140	Short	André Luis Corrêa, Cintia Regina Lacerda Rabello, Alexandra Okada	Reliability of web-based information in inquiry projects	15

Friday, 19 Sept. 10:30 - 12:30 Session - Recommender Systems - Chair:				
Paper #	Type	Authors	Title	
60	Full	Nguyen Ngoc Chan, Azim Roussanaly, Anne Boyer	Learning Resource Recommendation: An Orchestration of Content-Based Filtering, Word Semantic Similarity and Page Ranking	30
32	Full	Katja Niemann, Martin Wolpers	Usage-based Clustering of Learning Resources to Improve Recommendations	30
30	Full	Soude Fazeli, Babak Loni, Hendrik Drachslér, Peter Sloep	Which Recommender System Can Best Fit Social Learning Platforms?	30
42	Full	Oscar Chavarriaga, Beatriz Florian-Gaviria, Oswaldo Solarte	A Recommender System for Students Based on Social Knowledge and Assessment Data of Competences	30

Friday, 19 Sept. 13:30 - 15:15 Session - Learning Analytics & Assessment - Chair:				
Paper #	Type	Authors	Title	
231	Full	Tomas D. Loboda, Julio Guerra, Roya Hosseini, Peter Brusilovsky	Mastery Grids: An Open Source Social Educational Progress Visualization	30
110	Full	Ilya Goldin, Maggie Renken, April Galyardt, Ellen Litkowski	Individual differences in identifying sources of science knowledge	30
95	Short	Min Ji, Christine Michel, Elise Lavoué, Sébastien George	DDART, a Dynamic Dashboard for Collection, Analysis and Visualization of Activity and Reporting Traces	15
189	Short	Samuel González López, Aurelio López-López	Analysis of Concept Sequencing in Student Drafts	15
193	Short	Thomas S. McTavish, Johann Ari Larusson	Labeling Mathematical Errors to Reveal Cognitive States	15

Friday, 19 Sept. 10:30 - 12:30 Session - Social Learning & TEL research analysis- Chair:				
Paper #	Type	Authors	Title	
202	Full	Javier Born, Eliana Scheiwing, Julio Guerra, Luis Cárcamo	Analysing Microblogs of Middle and High School Students Participating in Kelluwen	30
43	Full	Cayetano Medina and Ramón Rufin	Social network sites as a moderating factor in e-learning platform adoption. An extension	30
127	Full	Ilknur Celik, Cyril Schoreels	Use of Social Media across Different Generations in Higher Education in a Developing Country	30
29	Full	Ricardo Kawase, Patrick Siehdnel, Ujwal Gadriaju	Technology Enhancing Learning: Past, Present and Future.	30

Friday, 19 Sept. 13:30 - 15:15 Session - Adaptive Systems - Chair:				
Paper #	Type	Authors	Title	
113	Full	Susanne Narciss, Sergey Sosnosky and Eric Andres	Adapting Tutoring Feedback Strategies to Motivation	30
101	Full	Manolis Mavrikis, Beate Grawemeyer, Alice Hansen, Sergio Gutierrez-Santos	Exploring the Potential of Speech Recognition to Support Problem Solving and Reflection: Wizards go to school in the elementary maths classroom	30
33	Full	Ruth Janning, Carlotta Schatten and Lars Schmidt	Feature Analysis for Affect Recognition Supporting Task Sequencing in Adaptive Intelligent Tutoring Systems	30
125	Short	Conor Gaffney, Thanos Staikopoulos, Ian O'Keeffe, Owen Conlan, Vincent Wade	A Training Framework for Adaptive Educational Hypermedia Authoring Tools	15