

PROGRAMME OVERVIEW

<b>11th SEPTEMBER</b>						
09.00 – 18.00	Project meeting CEITER Room nr M648	Project meeting SHEILA Room nr M649	Project meeting WEKIT Room nr M608			
<b>12th SEPTEMBER</b>						
<b>08.30 – 09.00</b>	<b>Registration</b>					
09.00 – 11.00	Workshop: ASTEL Room nr A447	Workshop ET-EL Room nr A303	Workshop EP4LA Room nr A402	Workshop ARTEL Room nr A046	Project meeting CEITER Room nr M649	Project meeting WEKIT Room nr M648
11.00 – 11.30	<b>Coffee break - Astra atrium</b>					
11.30 – 13.00	Workshop: ASTEL Room nr A447	Workshop ET-EL Room nr A303	Workshop EP4LA Room nr A402	Workshop ARTEL Room nr A046	Project meeting CEITER Room nr M649	Project meeting WEKIT Room nr M648
13.00 – 14.30	<b>Lunch - Astra atrium</b>					
14.30 – 16.00	Workshop: ASTEL Room nr A447	Workshop ET-EL Room nr A303	Workshop EP4LA Room nr A402	Workshop ARTEL Room nr A046	Project meeting CEITER Room nr M649	Project meeting WEKIT Room nr M648
16.00 – 16.30	<b>Coffee break - Astra atrium</b>					
16.30 – 18.00	Workshop: ASTEL Room nr A447	Workshop ET-EL Room nr A303	Workshop EP4LA Room nr A402	Workshop ARTEL Room nr A046	Project meeting CEITER Room nr M649	Project meeting WEKIT Room nr M648
19.00 – 21.30	<b>Soccer tournament</b>					
<b>13th SEPTEMBER</b>						
<b>08.30 – 09.00</b>	<b>Registration</b>					
09.00 – 11.00	Workshop: TEL@Work Room nr: M227	Workshop: OpenEDU4ALL Room nr: M224	Workshop: CrossMMLA Room nr: M648		Doctoral consortium Rooms: Plenary A002 Parallel sessions A046, A242	
11.00 – 11.30	<b>Coffee break - Astra atrium</b>					

11.30 – 13.00	Workshop: TEL@Work Room nr: M227	Workshop: OpenEDU4ALL Room nr: M224	Workshop: CrossMMLA Room nr: M648	Doctoral consortium Rooms: Plenary A002 Parallel sessions A046, A242
13.00 – 14.30	<b>Lunch - Astra atrium</b>			
14.30 – 16.00	Workshop: TEL@Work Room nr: M227	Workshop: OpenEDU4ALL Room nr: M224	Workshop: CrossMMLA Room nr: M648	Doctoral consortium Rooms: Plenary A002 Parallel sessions A046, A242
16.00 – 16.30	<b>Coffee break - Astra atrium</b>			
16.30 – 17.00	<b>Opening – Room A002</b>			
17.00 – 18.00	<b>Keynote speaker: Stephanie Teasley – Room A002</b>			
18.00 – 18.30	<b>EATEL Session</b>			
18.30 – 19.00	<b>Walking to Kumu</b>			
19.00 – 21.30	<b>Reception in Kumu</b> <b>Poster session</b>			
<b>14th SEPTEMBER</b>				
08.30 – 09.00	<b>Registration</b>			
09.00 – 10.00	<b>Keynote speaker: Gerhard Fischer, room A002</b>			
10.00 – 11.00	<b>Session 1a: Learning Analytics</b> <b>Chair: Maren Scheffel</b> <b>Room: A002</b> <ul style="list-style-type: none"> <li>Ruiz Calleja, Prieto, Ley, Rodríguez Triana &amp; Dennerlein. <i>Learning Analytics for Professional and Workplace Learning: A Literature Review</i></li> <li>Molenaar &amp; Knoop-Van Campen. <i>Extracted analytics in practice: Usage and implications</i></li> </ul>	<b>Session 1b: MOOC</b> <b>Chair: Marco Kalz</b> <b>Room: A222</b> <ul style="list-style-type: none"> <li>Sanz-Martínez, Martínez-Monés, Bote-Lorenzo, Muñoz-Cristóbal &amp; Dimitriadis. <i>Automatic group formation in a MOOC based on students' activity criteria</i></li> <li>Alario-Hoyos, Estévez-Ayres, Delgado Kloos &amp; Villena-Román. <i>From MOOCs to SPOCs... and from SPOCs to flipped classroom</i></li> </ul>	<b>Session 1c: ITS and Learner Modeling</b> <b>Chair: Daniele Di Mitri</b> <b>Room: A242</b> <ul style="list-style-type: none"> <li>Montserrat, Yessad, Bouchet, Lavoué &amp; Luengo. <i>MAGAM: A Multi-Aspect Generic Adaptation Model for Learning Environments</i></li> <li>Garcia-Gorrostieta, López-López &amp; González-López. <i>Towards Automatic Assessment of</i></li> </ul>	<b>Industry track</b> <b>Room: A046</b> <ul style="list-style-type: none"> <li>Fridolin Wild. <i>Performance Augmentation for Industry 4.0</i></li> <li>Viktoria Pammer-Schindler. <i>Challenges and Solution Approaches for Learning in Industry 4.0</i></li> </ul>

		<ul style="list-style-type: none"> <li>• Van Rosmalen, Kasch, Kalz, Firssova &amp; Brouns. <i>Towards 'MOOCs with a Purpose': Studying MOOC Designs with MOOC learners</i></li> </ul>	<i>Argumentation in Theses Justifications</i>	
11.00 – 11.30	<b>Coffee break - Astra atrium</b>			
11.30 – 13.00	<p><b>Session 2a: Learning Analytics</b>  <b>Chair: Maren Scheffel</b>  <b>Room: A002</b></p> <ul style="list-style-type: none"> <li>• Xhakaj, Aleven &amp; McLaren. <i>Effects of a Dashboard for an Intelligent Tutoring System on Teacher Knowledge, Lesson Planning, Lessons, and Student Learning</i></li> <li>• Sedrakyan, Leony, Munoz-Merino, Delgado Kloos &amp; Verbert. <i>Evaluating student-facing learning dashboards of affective states</i></li> <li>• Jivet, Scheffel, Drachsler &amp; Specht. <i>Awareness is not enough. Pitfalls of learning analytics dashboards in the educational practise</i></li> </ul>	<p><b>Session 2b: MOOC</b>  <b>Chair: Peter van Rosmalen</b>  <b>Room: A222</b></p> <ul style="list-style-type: none"> <li>• Håklev, Sharma, Slotta &amp; Dillenbourg. <i>Contextualizing the co-creation of artefacts within the nested social structure of a collaborative MOOC</i></li> <li>• Muuli, Papli, Tönisson, Lepp, Palts, Suviste, Säde &amp; Luik. <i>Automatic assessment of programming assignments using image recognition</i></li> <li>• Zhao, Lofi &amp; Hauff. <i>Scalable Mind-Wandering Detection for MOOCs: A Webcam-Based Approach</i></li> </ul>	<p><b>Session 2c: ITS and Learner Modeling</b>  <b>Chair: Elvira Popescu</b>  <b>Room: A242</b></p> <ul style="list-style-type: none"> <li>• Chounta, Albacete, Jordan, Katz &amp; McLaren. <i>A Computational Model of the Zone of Proximal Development</i></li> <li>• Cukurova, Mavrikis, Millan &amp; Luckin. <i>Machine and Human Observable Differences in Groups' Collaborative Problem-solving Behaviours</i></li> <li>• Bredeweg &amp; Schlatter. <i>Can learning by qualitative modelling be deployed as an effective method for learning subject-specific content?</i></li> <li>• Hauswirth &amp; Adamoli. <i>Identifying Misconceptions with Active Recall in a Blended Learning System</i></li> </ul>	<p><b>Industry track</b>  <b>Room: A046</b></p> <ul style="list-style-type: none"> <li>• Mait Müntel. Lingvist – Accelerated Learning by using Big Data</li> <li>• Magnus Meldre. HR 4.0</li> </ul>
13.00 – 14.30	<b>Lunch: Astra atrium</b>			
14.30 – 16.00	<b>Demo shootout and poster session. Room A002 and Astra forum</b>			
16.00 – 16.30	<b>Coffee break: Astra atrium</b>			
16.30 – 17.30	<b>Plenary and panel session. Room A002</b>			<b>Industry track</b>

17.30 – 18.30	<p><b>Session 3a: Engagement and Gamification</b>  <b>Chair: Eric Sanchez</b>  <b>Room: A002</b></p> <ul style="list-style-type: none"> <li>• Kang, Wisniewski &amp; Laviola. <i>Examining Interaction Modality Effects toward Engagement in an Interactive Learning Environment</i></li> <li>• Ortega-Arranz, Muñoz-Cristóbal, Martínez, Bote-Lorenzo &amp; Asensio-Pérez. <i>How Gamification is Being Implemented in MOOCs? A Systematic Literature Review</i></li> <li>• Antonaci, Klemke, Stracke &amp; Specht. <i>Towards the identification of suitable game elements for MOOCs</i></li> </ul>	<p><b>Session 3B: Social Learning</b>  <b>Chair: Ellen Rusman</b>  <b>Room: A222</b></p> <ul style="list-style-type: none"> <li>• Sinha, Bai &amp; Cassell. <i>A New Theoretical Framework for Curiosity for Learning in Social Contexts</i></li> <li>• Sinha, Bai &amp; Cassell. <i>Curious Minds Wonder Alike: Studying Multimodal Behavioral Dynamics to Design Social Scaffolding of Curiosity</i></li> </ul>	<p><b>Session 3C: Multimodal Data for Learning</b>  <b>Chair: Daniele Di Mitri</b>  <b>Room: A242</b></p> <ul style="list-style-type: none"> <li>• Guest, Wild, Vovk, Fominykh, Limbu, Klemke, Sharma, Karjalainen, Smith, Rasool, Aswat, Helin, Di Mitri &amp; Schneider. <i>Affordances for Capturing and Re-enacting Expert Performance with Wearables</i></li> <li>• Scanlon &amp; Smeaton. <i>Using WiFi Login Logs to Identify Student Activity in a Bounded Campus</i></li> <li>• Pierrot, Cerisier, El Kechai, Ramirez &amp; Pottier. <i>Using a mixed analysis process to identify students' digital practices</i></li> <li>• Bourrier, Jambon, Garbay &amp; Luengo. <i>An approach for the analysis of perceptual and gestural performance during critical situations</i></li> </ul>	<p><b>Room: A046</b></p> <ul style="list-style-type: none"> <li>• Triin Ploompuu - Industry 4.0 – mis juhtub inimestega? (EST)</li> <li>• Heiti Mering - Harjumused, mis takistavad infosüsteemide integratsiooni tööstuses (EST)</li> <li>• Roundtable: Startups and EU projects at EC-TEL</li> </ul>
19.30 – 22.30	<b>Gala Dinner: Lennusadam</b>			
<b>15th September</b>				
08.30 – 09.00	Registration			
09.00 – 10.00	<b>Keynote speaker: Marco Marsella, room A002</b>			

10.00 – 11.00	<p><b>Session 4a: Game-based Learning</b>  <b>Chair: Marcel Schmitz</b>  <b>Room: A002</b></p> <ul style="list-style-type: none"> <li>• Panagiotis Kosmas, Andri Ioannou and Symeon Retalis. <i>Using embodied learning technology to advance motor performance of children with special educational needs and motor impairments</i></li> <li>• Mathieu Guinebert, Amel Yessad, Mathieu Muratet and Vanda Luengo. <i>An Ontology for Describing Scenarios of Multi-Players Learning Games: Toward an Automatic Detection of Group Interactions</i></li> <li>• Eric Sanchez and Mandran Nadine. <i>Exploring competition and collaboration behaviors in game-based learning with playing analytics</i></li> </ul>	<p><b>Session 4b: MOOC</b>  <b>Chair: Christian M. Stracke</b>  <b>Room: A222</b></p> <ul style="list-style-type: none"> <li>• Vitiello, Walk, Chang, Hernández, Gütl &amp; Helic. <i>MOOC Dropouts: A Multisystem Classifier</i></li> <li>• Pérez, Pérez-Sanagustín, Maldonado &amp; Sapunar. <i>NoteMyProgress: A tool to support learners' Self-Regulated Learning strategies in MOOC environments</i></li> </ul>	<p><b>Industry track</b>  <b>Room: A046</b></p> <ul style="list-style-type: none"> <li>• Olari Koppel. Millenials at the workplace – myth or fact?</li> <li>• Stenver Jerkku. 5h workday at eAgronom</li> </ul>
11.00 – 11.30 <b>Coffee break: Astra atrium</b>			
11.30 – 13.00	<p><b>Session 5a: Learning Analytics</b>  <b>Chair: Marcel Schmitz</b>  <b>Room: A002</b></p> <ul style="list-style-type: none"> <li>• Dascalu, Dessus, Thuez &amp; Trausan-Matu. <i>How well do Student Nurses Write Case Studies? A Cohesion-Centered Textual Complexity Analysis</i></li> <li>• Scheffel, Drachsler, Toisoul, Ternier &amp; Specht. <i>The Proof of the Pudding: Examining Validity and Reliability of the Evaluation Framework for Learning Analytics</i></li> <li>• Venant, Sharma, Dillenbourg, Vidal &amp; Broisin. <i>Using sequential pattern mining to explore learners' behaviors and evaluate</i></li> </ul>	<p><b>Session 5b: Collaborative Learning</b>  <b>Chair: Esther Tan</b>  <b>Room: A222</b></p> <ul style="list-style-type: none"> <li>• Cukurova, Luckin, Millan &amp; Mavrikis. <i>Identifying collaboration in practice-based learning activities: Equality and Intra-individual variability of physical interactivity</i></li> <li>• Sharma, Seiied Alavi, Jermann &amp; Dillenbourg. <i>Looking THROUGH versus Looking AT: A Strong Concept in Technology Enhanced Learning</i></li> <li>• Blunk &amp; Prilla. <i>Prompting to Support Reflection: A Workplace Study</i></li> </ul>	<p><b>Industry track</b>  <b>Room: A046</b></p> <p>Partner demo session.</p>

	<i>their correlation with performance in inquiry-based learning</i>	<ul style="list-style-type: none"> <li>Jacco de Weerd, Tan &amp; Stoyanov. <i>Fostering Interdisciplinary Knowledge Construction in Computer-Assisted Collaborative Concept</i></li> </ul>	
13.00 – 14.30	<b>Lunch: Astra atrium</b>		
14.30 – 16.00	<b>Session 6a: Learning Analytics</b> <b>Chair: Hendrik Drachsler</b> <b>Room: A002</b> <ul style="list-style-type: none"> <li>Schmitz, van Limbeek, Greller, Sloep &amp; Drachsler. <i>Towards Personalized Learning: Opportunities and challenges in using Learning Analytics in Learning Design</i></li> <li>Farrell Frey, Mikroyannidis &amp; Alani. <i>"We're Seeking Relevance": Qualitative Perspectives on the Impact of Learning Analytics on Teaching and Learning</i></li> <li>Azcona &amp; Smeaton. <i>Targeting at-risk students using engagement and effort predictors in an introductory computer programming course</i></li> <li>De Marsico, Moschella, Sterbini &amp; Temperini. <i>Effects of network topology on the OpenAnswer's Bayesian model of peer assessment</i></li> </ul>	<b>Session 6b: Design Research and Evaluation</b> <b>Chair: Peter van Rosmalen</b> <b>Room: A222</b> <ul style="list-style-type: none"> <li>Prieto, Alavi &amp; Verma. <i>Strong TEL Concepts: Towards Intermediary Knowledge in Technology Enhanced Learning Research</i></li> <li>Leppänen, Nurminen, Väättäjä &amp; Ihantola. <i>Search of the Emotional Design Effect in Programming Revised</i></li> <li>Mangaroska &amp; Giannakos. <i>Learning analytics for learning design: Towards evidence-driven decisions to enhance learning</i></li> <li>Cerratto Pargman &amp; Nouri. <i>Configuring conditions for learning. A study of tablet appropriation in the school classroom</i></li> <li>Law. <i>Voices of Teachers and Students on Educational Technologies are Heard: Whose are Louder?</i></li> </ul>	<b>Industry track</b> <b>Room: A046</b>  Kristjan Järvan. Design thinking: elementary workplace skills Special presenter Vaiko Hansson from QuantuMind
16.00 – 16.30	<b>Coffee break: Astra atrium</b>		
16.30 – 17.30	<b>Closing ceremony</b>		