

Provisional Program – 11th International Conference on Computer Supported Collaborative Learning

Monday, June 8th

12.00-16.15	<i>Registration</i>
16.15-17.00	Roger Säljö, Dean of Faculty Opening Session
17.00-18.15	Steve Woolgar Keynote Lecture: <i>Mundane Governance – Government by Stealth?</i>
18.45-20.00	<i>Reception</i>

Provisional Program – 11th International Conference on Computer Supported Collaborative Learning

Tuesday, June 9th

8.00-8.45	Registration				
8.45-10.00	Karrie Karahalios Keynote Lecture: <i>Understanding and Encouraging Communication with Visualization</i>				
10.00-10.30	Coffee Break				
10.30-12.00	Symposium	Symposium	Paper Session MOOCs		Data Session
	<p>Kai Hakkarainen, Beatrice Ligorio, Giuseppe Ritella, Hans Christian Arnseth, Alfredo Jornet Gil, Ingeborg Krange, Géraldine Fauville, Annika Lantz-Andersson, Roger Säljö, Mona Lundin, Åsa Mäkitalo, Erno Lehtinen <i>Artefacts Mediating Practices across Time and Space: Sociocultural Studies of Material Conditions for Learning and Remembering</i></p>	<p>Yael Kali, Iris Tabak, Dani Ben-Zvi, Adi Kidron, Meital Amzalag, Ayelet Baram-Tsabari, Sarit Barzilai, Uzi Brami, Oshra Duek, Nelly Elias, Carmel Kent, Esther Laslo, Keren S. Levy, Sheizaf Rafaeli, Tali Tal, Patrice L. Weiss, Christopher Hoadley, Paul A. Kirschner <i>Technology-Enhanced Learning Communities on a Continuum between Ambient to Designed: What Can We Learn by Synthesizing Multiple Research Perspectives?</i></p>	<p>Chiara Rossitto, Patrik Hernwall, Jonas Collin <i>Beyond Pedagogical Challenges: Addressing the Social Aspects around the Use of Digital Resources in University Education</i></p> <p>Kshitij Sharma, Daniela Caballero, Himanshu Verma, Patrick Jermann, Pierre Dillenbourg <i>Looking AT versus Looking THROUGH: A Dual Eye-tracking Study in MOOC Context</i></p> <p>Sabrina Ziebarth, German Neubaum, Elias Kyewski, Nicole Krämer, Ulrich Hoppe, Tobias Hecking, Sabrina Eimler <i>Resource Usage in Online</i></p>		<p>Jacob Davidsen, Thomas Ryberg <i>Bodily-material resources in CSCL: Children's embodied and multimodal collaborative learning of scale around touchscreens</i></p>

			<p><i>Courses: Analyzing Learner's Active and Passive Participation Patterns</i></p> <p>Oliver Ferschke, Iris Howley, Gaurav Tomar, Diyi Yang, Yu Liu and Carolyn P. Rosé <i>Fostering Discussion across Communication Media in Massive Open Online Courses</i></p>		
12.00-13.30	Lunch				
13.30-15.00	Symposium	Symposium	Paper Session Social Media	Paper Session Knowledge Building 1	Data Session
	<p>Emma Mercier, Cresencia Fong, Rebecca Cober, James D. Slotta, Karin S. Forssell, Maya Israel, Andrew Joyce-Gibbons, Roberto Martinez-Maldonado, Richard Messina, Julia Murray, Ben Peebles, Tom Moher, Saadeddine Shehab, Nikol Rummel <i>Researching and Designing for the Orchestration of Learning in the CSCL Classroom</i></p>	<p>Yannis Dimitriadis, Andreas Harrer, H. Ulrich Hoppe, Chee-Kit Looi, Yvonne Rogers, Lung-Hsiang Wong, Carolyn Penstein Rosé <i>Research Trends on Design and Computational Aspects of CSCL Environments</i></p>	<p>Silvia d'Apollonia, Suzanne Kunicki, Murray Bronet <i>Connected Biology: A Usability Study of Web 2.0 Tools</i></p> <p>Beaumie Kim <i>Playing with Gameful Activities and Assessments: Avatars and Experience Points in a Graduate Course</i></p> <p>Qiyun Wang, Choon Lang Quek <i>Investigating Collaborative Reflection with Peers in an Online</i></p>	<p>Jun Oshima, Ritsuko Oshima, Shizuoka University <i>IA Multivocality Approach to Epistemic Agency in Collaborative Learning</i></p> <p>Camillia Matuk, Marcia C. Linn <i>Examining the Real and Perceived Impacts of a Public Idea Repository on Literacy and Science Inquiry</i></p> <p>Jianwei Zhang, Mei-Hwa Chen, Dan Tao, Yanqing Sun, Jiyeon Lee, Darlene Judson <i>Fostering Sustained</i></p>	<p>Ulrika Bennerstedt <i>Overcoming limited access to assessables at a game award: Jurors envisioning of limitations of a potential nominee for "best innovation"</i></p>

			<i>Learning Environment</i>	<i>Knowledge Building through Metadiscourse Aided by the Idea Thread Mapper</i>	
			Daniel Pauw, Tamara Clegg, June Ahn, Elizabeth Bonsignore, Jason Yip, Judith Uchidiuno <i>Navigating Connected Inquiry Learning with ScienceKit</i>		
15.00-15.30	Coffee Break				
15.30-17.00	Symposium	Paper Session Tablet-based Collaboration	Paper Session Negotiation	Paper Session Knowledge Building 2	Interactive Event Dual Layer MOOCs (1/2)
	Kate Thompson, Lucila Carvalho, Michael A. Evans, Lixiao Huang, Maryam Khosronejad, Peter Reimann, Anindito Aditomo, Dewa Wardak, Peter Goodyear, Yannis Dimitriadis, Roberto Martinez-Maldonado, Gregory Dyke <i>A Multimodal Approach to the Analysis of Complex Collaborative Learning Environments: Using Complementary Methods of Analysis to Synthesize</i>	Patrick Wang, Pierre Tchounikine, Matthieu Quignard <i>Orchestration Challenges Raised by Transposing a Paper-Based Individual Activity into a Tablet-Based CSCL Activity: An Example</i>	Mihai Dascalu, Stefan Trausan-Matu, Philippe Dessus, Danielle S. McNamara <i>Dialogism: A Framework for CSCL and a Signature of Collaboration</i>	Christoph Richter, Heidrun Allert, Julia Albrecht, Elisa Ruhl <i>Grappling with the Not-Yet-Known</i>	Carolyn P. Rosé, Oliver Ferschke, Gaurav Tomar, Diyi Yang, Iris Howley, Vincent Aleven, George Siemens, Matthew Crosslin, Dragan Gasevic, Ryan Baker <i>Challenges and Opportunities of Dual-Layer MOOCs: Reflections from an edX Deployment Study</i>
		Esther Tan, Hyo-Jeong So <i>How Learners Employ Semiotic Resources for Collaborative Meaning-Making in Outdoor Mobile Learning</i>	Daniel Thiemann, Tanja Engelmann, Friedrich W. Hesse <i>Learning about Team Members' Preferences: Computer-Supported Preference Awareness in the Negotiation Preparation</i>	Dan Tao, Jianwei Zhang, Yue Huang <i>How Did a Grade 5 Community Formulate Progressive, Collective Goals to Sustain Knowledge Building Over a Whole School Year?</i>	

	<i>New Trends in Scaffolding Research</i>		<i>of Teams</i>		
		Jochen Rick, Daniel Kopp, Daniel Kopp, Armin Weinberger <i>Tarzan and Jane Share an iPad</i>	Catherine Dornfeld, Sadhana Puntambekar <i>Emergent Roles and Collaborative Discourse Over Time</i>	Bodong Chen, Leanne Ma, Yoshiaki Matsuzawa, Marlene Scardamalia <i>The Development of Productive Vocabulary in Knowledge Building: A Longitudinal Study</i>	
		Erin Walker, Rohit Chakravarthi, James Rodriguez, Ruth Wylie <i>Promoting Interaction by Integrating a Question and Answer Forum with a Digital Textbook</i>	Lisa Hardy, Tobin White <i>Meaning-Making in Collaborative Activity: Effort toward Coherent, but Not Shared, Interpretations of the Problem</i>	Feng Lin, Carol K.K. Chan <i>Scaffolding Scientific Epistemologies through Knowledge-Building Discourse and Epistemic Reflection</i>	
18.00-19.39	Poster Session #1				

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Wednesday, June 10th

08.00-08.30	<i>Registration</i>				
08.30-09.45	Yvonne Rogers Keynote Lecture: “Suspense Matters”				
09.45-10.00	<i>Coffee Break</i>				
10.00-11.30	Symposium	Paper Session Scripting	Paper Session Games 1	Paper Session CSCL Foundations	Interactive Event Dual Layer MOOCs (2/2)
	Tom Moher, James D. Slotta, Alisa Acosta, Rebecca M. Cober, Chandan Dasgupta, Cresencia Fong, Alessandro Gnoli, Alexandra Silva, Brenda López Silva, Anthony Perritano, Kylie Pepler <i>Knowledge Construction in the Instrumented Classroom: Supporting Student Investigations of Their Physical Learning Environment</i>	Thomas Puhl, Dimitra Tsovaltzi, Armin Weinberger <i>A Long-Term View on Learning to Argue in Facebook: The Effects of Group Awareness Tools and Argumentation Scripts</i>	Susan A. Yoon, Jessica Koehler-Yom, Emma Anderson, Murat Oztok, Eric Klopfer, Ilana Schoenfeld, Daniel Wendel, Josh Sheldon, Hal Scheintaub <i>Impacts on Student Understanding of Scientific Practices and Crosscutting Themes through an NGSS-Designed Computer-Supported Curriculum and Instruction Project</i>	Teresa Cerratto-Pargman, Ola Knutsson, Petter Karlström <i>Materiality of Online Students’ Peer-Review Activities in Higher Education</i>	(continued) Carolyn P. Rosé, Oliver Ferschke, Gaurav Tomar, Diyi Yang, Iris Howley, Vincent Aleven, George Siemens, Matthew Crosslin, Dragan Gasevic, Ryan Baker <i>Challenges and Opportunities of Dual-Layer MOOCs: Reflections from an edX Deployment Study</i>
		Piia Näykki, Johanna Pöysä-Tarhonen, Sanna Järvelä, Päivi Häkkinen <i>Enhancing Teacher Education Students’ Collaborative Problem-Solving and</i>	Reneta D. Lansiquot, Candido Cabo <i>Concept Mapping Narratives to Promote CSCL and Interdisciplinary Studies</i>	Heisawn Jeong, Cindy E. Hmelo-Silver <i>Research Questions and Research Methods in CSCL Research</i>	

		<i>Shared Regulation of Learning</i>			
		Amanda L. Evenstone, Sadhana Puntambekar <i>Internalization of Physics Concepts and Relationships Based on Teacher Modeling of Collaborative Prompts</i>	Chris Georgen ,Sean C. Duncan, Lucas Cook <i>From Lurking to Participatory Spectatorship: Understanding Affordances of the Dota 2 Noob Stream</i>	Christian Hartmann, Jennifer Charlotte Angersbach, Nikol Rummel <i>Social Interaction, Constructivism and their Application within (CS)CL Theories</i>	
		Freydis Vogel, Ingo Kollar, Stefan Ufer, Elisabeth Reichersdorfer, Kristina Reiss, Frank Fischer <i>Fostering Argumentation Skills in Mathematics with Adaptable Collaboration Scripts: Only Viable for Good Self-Regulators?</i>	Gabriela T. Richard, Christopher Hoadley <i>Learning Resilience in the Face of Bias: Online Gaming, Protective Communities and Interest-Driven Digital Learning</i>	Marcela Borge, Yann Shiou Ong, Carolyn P. Rosé <i>Activity Design Models to Support the Development of High Quality Collaborative Processes in Online Settings</i>	
11.30-13.00	Lunch				
13.00-14.30	Symposium	Paper Session Orchestrated Learning 1	Paper Session Games 2	Paper Session Embodiment	Data Session
	Dan Suthers, Alyssa Friend Wise, Bertrand Schneider, David Williamson H. Ulrich Hoppe, George Siemens <i>Learning Analytics of and in Meditational Processes of Collaborative Learning</i>	Susan A. Yoon, Emma Anderson, Jessica Koehler-Yom, Eric Klopfer, Josh Sheldon, Daniel Wendel, Ilana Schoenfeld, Hal Scheintaub, Murat Oztok, Chad Evans <i>Design Features for</i>	Jan Arild Dolonen, Anders Kluge <i>Algebra Learning through Digital Gaming in School</i>	Virginia J. Flood, Michael Neff, Dor Abrahamson <i>Boundary Interactions: Resolving Interdisciplinary Collaboration Challenges Using Digitized Embodied Performances</i>	Kathrin Otreel-Cass, Saifuddin Khalid <i>Tracing Sequential Video Production</i>

		<i>Computer-Supported Complex Systems Learning and Teaching in High School Science Classrooms</i>			
		Luis P. Prieto, Kshitij Sharma, Yun Wen, Pierre Dillenbourg <i>The Burden of Facilitating Collaboration: Towards Estimation of Teacher Orchestration Load using Eye-Tracking Measures</i>	Bryan Boyle, Inmaculada Arnedillo-Sanchez, Aejaz Zahid <i>AutBlocks: Using Collaborative Learning to Develop Joint Attention Skills for Children with Autism Spectrum Disorder</i>	Joshua A. Danish, Noel Enyedy, Asmalina Saleh, Christine Lee, Alejandro Andrade <i>Science Through Technology Enhanced Play: Designing to Support Reflection Through Play and Embodiment</i>	
		Lauren E. Margulieux, W. Michael McCracken, Richard Catrambone <i>Mixing In-Class and Online Learning: Content Meta-Analysis of Outcomes for Hybrid, Blended, and Flipped Courses</i>	Jo Dugstad Wake, Frode Guribye, Barbara Wasson <i>Students' Design Decisions in Collaborative Design of Location-Based Games for Learning</i>	Asmalina Saleh, Joshua A. Danish, Noel Enyedy, Christine Lee <i>Assessing Young Children's Cognition through Multi-Modal Interviews</i>	
		Nicole D. Martin, Dana Gnesdilow, Sadhana Puntambekar <i>Peer Scaffolding to Learn Science in Symmetrical Groups Collaborating Over Time</i>	Matthew Gaydos, Mingfong Jan <i>Design in Game-Based Learning</i>	Jacob Davidsen, Thomas Ryberg <i>"This Is the Size of One Meter": Children's Bodily-Material Collaboration and Understanding of Scale around Touchscreens</i>	
14.30-15.00	Coffee Break				
15.00-16.30	Symposium	Paper Session Orchestrated Learning 2	Paper Session Communities of Practice	Paper Session Argumentation	Data Session
	Alyssa Friend Wise,	Cresencia Fong,	Crina Damşa	Rotem Abdu	Florence R. Sullivan,

<p>Roger Azevedo, Karsten Stegmann, Jonna Malmberg, Carolyn P. Rosé, Nicholas Mudrick, Michelle Taub, Seth A. Martin, Jesse Farnsworth, Jin Mu, Hanna Järvenoja, Sanna Järvelä, Miaomiao Wen, Diyi Yang <i>CSCL and Learning Analytics: Opportunities to Support Social Interaction, Self-Regulation and Socially Shared Regulation</i></p>	<p>Rebecca M. Cober, Richard Messina, Tom Moher, Julia Murray, Ben Peebles, James D. Slotta <i>The 3R Orchestration Cycle: Fostering Multi-Modal Inquiry Discourse in a Scaffolded Inquiry Environment</i></p>	<p><i>Co-construction of Knowledge Objects in Computer Engineering Education</i></p>	<p><i>The Development of Situational-Misconceptions in Math Problem Solving</i></p>	<p>P. Kevin Keith, Nicholas C. Wilson <i>Examining Power Relations in an All-Girl Robotics Learning Environment</i></p>
	<p>Huang-Yao Hong, Ching Sing Chai, Guo-Tsai Hung <i>Principle-Based Guidance to Foster Adaptive Teaching Practice</i></p>	<p>Michael Khoo, Gerry Stahl <i>Constructing Knowledge: A Community of Practice Framework for Evaluation in the VMT Project</i></p>	<p>Wenli Chen, Chee Kit Looi, Wenting Xie, Yun Wen <i>Designing Automated Assessment FOR Collaborative Argumentation in Science Classroom: A Pilot Study</i></p>	
	<p>Elizabeth S. Charles, Nathaniel Lasry, Chris Whittaker, Michael Dugdale, Kevin Lenton, Sameer Bhatnagar, Jonathan Guillemette <i>Beyond and Within Classroom Walls: Designing Principled Pedagogical Tools for Student and Faculty Uptake</i></p>	<p>Golnaz Arastoopour, David Williamson Shaffer <i>Epistemography and Professional CSCL Environment Design</i></p>	<p>Rebecca Cober, Alisa Acosta, Michelle Lui, Tom Moher, Alex Kuhn, Chris Quintana, Jim Slotta <i>The Use of Visual Evidence for Planning and Argumentation</i></p>	
	<p>Kemi Jona, Lauren Penney, Reed Stevens <i>'Re-mediating' Learning</i></p>	<p>Alejandro Andrade <i>Using Situated-Action Networks to Visualize</i></p>	<p>Murat Perit Çakır Gerry Stahl <i>Dragging as a Referential</i></p>	

			<i>Complex Learning</i>	<i>Resource for Mathematical Meaning Making in a Collaborative Dynamic-Geometry Environment</i>	
16.30- 16.45	<i>Break</i>				
16.45- 18.15	Poster Session #2				
19.30- 22.00	<i>Conference Dinner</i>				

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Thursday, June 11th

08.00-08.30	Registration				
08.30-10.00	Symposium	Paper Session: Tangibles 1	Paper Session Learning Analytics	Paper Session Assessment Issues	Data Session
	<p>Sanna Järvelä, Paul A. Kirschner, Allyson Hadwin, Hanna Järvenoja, Jonna Malmberg, University of Oulu, Ingo Kollar, Karsten Stegmann, Frank Fischer, Jeroen Janssen, Femke Kirschner, Anouschka van Leeuwen, Gijsbert Erkens, Mieke Brekelmans, Susanne P. Lajoie, Lila Lee, Eric Poitras, Cindy Hmelo-Silver, Peter Hogaboam <i>Regulated Learning in CSCL: Theoretical Progress for Learning Success</i></p>	<p>Michael Schubert, Jürgen Buder, Roman Rädle, Friedrich W. Hesse <i>Common Ground and Individual Accountability in Literature Selection of Groups: Three Different Group Learning Techniques</i></p>	<p>Nicolae Nistor, Mihai Dascălu, Christian Tarnai, Nicolas Bresser, Ștefan Trăușan-Matu <i>Online Knowledge Communities as Student-Centered Open Learning Environments: How Likely Will They Be to Integrate Learners as New Members?</i></p>	<p>Yuqin Yang , Jan van Aalst <i>Assessment and Collaborative Inquiry: A Review of Assessment-Based Interventions in Technology-Enhanced K-14 Education</i></p>	<p>Hans Christian Arnseth, Anniken Furberg, Ingvill Rasmussen <i>The Dialogic Construction of Knowledge in Science Education: Cultural Resources and Topical Orientation in Interaction</i></p>
		<p>Bertrand Schneider, Paulo Blikstein <i>Comparing the Benefits of a Tangible User Interface and Contrasting Cases as a Preparation for Future Learning</i></p>	<p>Sven Manske, Tobias Hecking, Angelica Chounta, Sören Werneburg, H. Ulrich Hoppe <i>Using Differences to Make a Difference: A Study on Heterogeneity of Learning Groups</i></p>	<p>Anne Deiglmayr, Nikol Rummel, Katharina Loibl <i>The Mediating Role of Interactive Learning Activities in CSCL: An INPUT-PROCESS-OUTCOME Model</i></p>	
		<p>Toshio Mochizuki, Ryoya Hirayama, Takehiro Wakimoto, Hiroshi Sasaki, Yoshihiko Kubota, Hideyuki Suzuki <i>Fostering and Reflecting</i></p>	<p>Wanli Xing, So Mi Kim, Sean Goggins <i>Modeling Performance in Asynchronous CSCL: An Exploration of Social Ability, Collective Efficacy and Social Interaction</i></p>	<p>Jiangang Hao, Lei Liu, Alina von Davier, Patrick Kyllonen <i>Assessing Collaborative Problem Solving with Simulation Based Tasks</i></p>	

		<i>on Diverse Perspective-Taking in Role-Play Utilizing Puppets as the Catalyst Material under CSCL</i>			
		Bertrand Schneider, Engin Bumbacher , Paulo Blikstein <i>Discovery Versus Direct Instruction: Learning Outcomes of Two Pedagogical Models Using Tangible Interfaces</i>	Gülgün Afacan Adanır, Murat Perit Çakır <i>Tools for Tracing the Development of Concepts through Discussions Mediated by a CSCL Environment: A Case Study</i>	Claudia Mazziotti, Katharina Loibl, Nikol Rummel Collaborative or individual Learning within Productive Failure: Does the Social Form of Learning Make a Difference?	
10.00-10.30	Coffee Break				
10.30-12.00	CSCL 2015 Presidential Session	Paper Session Tangibles 2	Paper Session Motivation		Interactive Event 102
	Eleni A. Kyza, Carolyn P. Rosé, Cindy Hmelosilver, Cynthia D'Angelo, Katherine Maillet, Ben du Boulay, Beverly Woolf, Dragan Gasevic, Christopher Hoadley <i>Grand Challenges in Technology-Enhanced Learning</i>	Michael P. Downton <i>"That's What Everyone Else Is Saying...": Collaborative Reflection-in-Action during Creative Activities</i>	Kui Xie, Zhiru Sun, Lin Lu <i>The Role of Time, Engagement, and Self-Perceived Leadership on Peer-Nominated Emergent Leadership in Small Group Online Collaborative Learning</i>		Ingo Kollar, Andreas Harrer <i>ClassroomImaging: A Tool to Code and Visualize Complex Classroom Learning Processes</i>
		Roberto Martinez-Maldonado, Peter Goodyear, Yannis Dimitriadis, Kate Thompson, Lucila Carvalho, Luis Pablo Prieto, Martin Parisio	Fengfeng Ke, Peter Carafano <i>Immersive Simulation on Collaborative Learning about a Complex Dynamic System</i>		

		<p><i>Learning about Collaborative Design for Learning in a Multi-Surface Design Studio</i></p>			
		<p>Bertrand Schneider, Kshitij Sharma, Sébastien Cuendet, Guillaume Zufferey, Pierre Dillenbourg, Roy Pea <i>3D Tangibles Facilitate Joint Visual Attention in Dyads</i></p>	<p>Jari Laru, Jonna Malmberg, Hanna Järvenoja, Vesa-Matti Sarenius, Sanna Järvelä <i>Designing Simple Tools for Socially Shared Regulation: Experiences of Using Google Docs and Mobile SRL Tools in Mathematics Education</i></p>		
		<p>Alyssa Friend Wise, Alissa Nicole Antle, Jillian Warren, Aaron May, Min Fan, Anna Macaranas <i>What Kind of World Do You Want to Live In? Positive Interdependence and Collaborative Processes in the Tangible Tabletop Land-Use Planning Game Youtopia</i></p>	<p>Astrid Wichmann, Alexandra L. Funk, Nikol Rummel <i>Maximizing Benefit of Peer-Feedback to Increase Feedback Uptake in Academic Writing</i></p>		
12.10-12.40	Closing Session				
12.40-14.00	Lunch				