

## **Wednesday, July 18, 2007**

### **1:30 Welcome and Conference Opening**

Conference Co-chairs Cindy Hmelo-Silver and Angela O'Donnell  
Rutgers Graduate School of Education Dean Richard De Lisi  
Rutgers University President Richard L. McCormick

### **2:00- 3:00**

#### **Keynote: Gerhard Fischer - Designing Socio-Technical Environments in Support of Meta-Design and Social Creativity**

### **3:30-5:00**

#### **Symposium: Redefining learning goals of very long-term learning across many different fields of activity**

Naomi Miyake, Roy Pea, Brigid Barron, Daniel Schwartz, Rogers Hall

### **Paper Session 1. Tools & Interfaces**

171 - Expressive Pen-Based Interfaces for Math Education  
Sharon Oviatt, Alexander Arthur, Yaro Brock, Julia Cohen

329 - An Efficient and Flexible Technical Approach to Develop and Deliver Online Peer Assessment  
Yongwu Miao, Rob Koper

415 - Evaluating the Effect of Feedback from a CSCL Problem Solving Environment on Learning, Interaction, and Perceived Interdependence  
Gahgene Gweon, Carolyn Rose, Emil Albright, Yue Cui

### **Paper Session 2. Games**

282 - Tracing Insider Knowledge Across Time and Spaces: A Connective Ethnography in a Teen Online Game World  
Deborah Fields, Yasmin Kafai

409 - Massively Multiplayer Online Games & Education: An Outline of Research  
Constance Steinkuehler

410 - Tools of Play: Coordinating Games, Characters, and Actions While Learning to Play Video Games  
Tom Satwicz, Reed Stevens

## **Interactive Session 1. CSCL Tools and Contexts**

138 - Reality television, fan behavior, and participation in online communities of practice  
Erica Halverson

242 - Animated science education: Possible pitfalls of computer supported collaborative learning  
Göran Karlsson, Jonas Ivarsson

276 - Learning from Digital Video: An Exploration of How Interactions Affect Outcomes  
Robb Lindgren, Roy Pea, Sarah Lewis, Joe Rosen

423 - MUVES as a powerful means to study situated learning  
Jody Clarke, Chris Dede

268 - Towards a Community Incubator: The ICAP Design Framework for Social Constructivist Educational Designers  
Der-Thanq "Victor" Chen , David Hung

199 - Technology in a Context: Enabling students to collaboratively participate at the interface of computation and social science  
Richard Alterman, Johann Larusson

### **5:00- 6:00 ijCSCL Editorial Board Meeting**

### **6:00- 7:30**

## **Welcome Reception and Poster Session A**

135 - Fostering Students' Participation in Face-to-Face Interactions and Deepening Their Understanding by Integrating Personal and Shared Spaces  
Etsuji Yamaguchi, Shigenori Inagaki, Masanori Sugimoto, Fusako Kusunoki, Akiko Deguchi, Yuichiro Takeuchi, Takao Seki, Sanae Tachibana, Tomokazu Yamamoto

152 - About the Complexity of CSCL Systems  
Jacques Lonchamp

198 - Argumentation Vee Diagrams (AVDs) Enrich Online Discussions  
E. Michael Nussbaum, Denise L. Winsor, Yvette M. Aqui, Anne M. Poliquin

223 - Complex Network Theory Approach to the Assessment on Collective Knowledge Advancement through Scientific Discourse in CSCL  
Jun Oshima, Ritsuko Oshima

224 - Supporting Collaborative Learning in Online Higher Education through Activity Awareness  
Chris Amelung, James Laffey, Paul Turner

234 - Exploring Embedded Guidance and Self-efficacy in Educational Multi-user Virtual Environments  
Brian Nelson, Diane Ketelhut

247 - Examining the Dual Function of Computational Technology on the Conception of Mathematical Proof  
Diler Oner

275 - Fostering collaborative problem solving for pupils with cognitive disabilities  
Andreas Lingnau, Peter Zentel

303 - Enabling Organizational Learning through Event Reporting: A Case Study in a Health Care Context  
Pei-Ju Liu, James Laffey, Karen Cox

308 - Interaction Rules: their place in collaboration software  
Robert Kildare, Ray Williams, Jacky Hartnett, Peter Reimann

310 - The Organization of Collaborative Math Problem Solving Activities across Dual Interaction Spaces  
Murat Cakir, Alan Zemel, Gerry Stahl

318 - Visualisations for team learning: small teams working on long-term projects  
Judy Kay, Kalina Yacef, Peter Reimann

321 - Using Online Social Networks in an Elective Learning Environment to Support Underrepresented Students' Engagement in Postsecondary Education  
Christine Greenhow

332 - The Fourth Man – Supporting self-organizing group formation in learning communities  
Malzahn Nils, Harrer Andreas, Zeini Sam

341 - Using Social Network Analysis to Explore the Dynamics of Tele-mentors' Meta-support in Practice  
Fei-Ching Chen, Huo-Ming Jiang

Wednesday

355 - Process Gain: A Task on Which Real Groups Outperformed Individuals Modeled Under Perfect-Knowledge-Sharing Assumptions

David Sears

362 - Boda Blocks: A Collaborative Tool for Exploring Tangible Three-Dimensional Cellular Automata

Leah Buechley, Michael Eisenberg

365 - Online Video Repository and Supportive Community for Beginning Teachers

Greg Wientjes, Jawed Karim

368 - Learning About Transfer in an Online Problem-Based Course

Alan Bitterman, Natalie Hatrak, Cindy Hmelo-Silver

379 - Are core objectives of web-based collaborative inquiry learning already core learning prerequisites? The case of argumentation competences and computer literacy

Ingo Kollar, Christof Wecker, Frank Fischer, Carmen Kohnle, Jim Slotta

402 - Scaffolding Preservice Teachers Online: The Roles of Interest and Mathematical Beliefs

Lillian S. Ray, K. Ann Renninger

411 - Sharing Visual Context to Facilitate Late Overhearer's Understanding of the Handheld-Based Learning Activity

Kibum Kim, Deborah Tatar, Steve Harrison

429 - The impact of 3-D based group interactions in an on-line problem-based learning environment

Nicholas Omale, Wei-Chen Hung, Lara Luetkehans, Jessamine Cooke-Plagwitz

433 - Professional Visions in the Liminal Worlds of Graphs

Ken Wright

438 - The Socio-Technical Process of Newcomer Participation: Lessons from a Field Study

Aditya Johri

**Thursday July 19, 2007**

**7:30- 8:45 CSCL Committee**

**9:00- 10:00 Keynote: Diane Laurillard - The Pedagogical Challenges to Mobile Collaborative Technologies**

**10:15- 11:45**

## **Paper Session 3. Methodological tools**

258 - A Learnable Content & Participation Analysis Toolkit for Assessing CSCL Learning Outcomes and Processes

Nancy Law, Johnny Yuen, Ronghuai Huang, Yanyan Li, Nicol Pan

261 - Time is precious: Why process analysis is essential for CSCL (and can also help to bridge between experimental and descriptive methods)

Peter Reimann

347 - A Framework for Eclectic Analysis of Collaborative Interaction

Daniel Suthers, Nathan Dwyer, Ravi Vatrappu

## **Paper Session 4. Knowledge Building**

188 - CSCL Interaction Analysis for Assessing Knowledge Building Outcomes: Method and Tool

Yanyan Li, Jian Liao, Jing Wang, Ronghuai Huang

209 - A Theoretical Framework of Collaborative Knowledge Building with Wikis – a Systemic and Cognitive Perspective

Ulrike Cress, Joachim Kimmerle

434 - Fostering Knowledge Building Using Concurrent, Embedded and Transformative Assessment for High- and Low-Achieving Students

Carol, K.K. Chan, Eddy, Y. C. Lee

## **Paper session 5. Informal Learning**

236 - Understanding Classroom Culture Through a Theory of Dialogism: What Happens When Cheating and Collaboration Collide?

Sarita Yardi, Dan Perkel

260 - Emergence of Learning in Computer-Supported, Large-Scale Collective Dynamics: A Research Agenda

Manu Kapur, David Hung, Michael Jacobson, John Voiklis, Charles Kinzer, Victor Chen Der-Thanq

295 - Turning On Minds with Computers in the Kitchen: Supporting Group Reflection in the Midst of Engaging in Hands-on Activities

Christina Gardner, Janet Kolodner

## **Interactive Session 2. Visualizations and representational tools**

214 - Online visualization of agreement and discussion during computer-supported collaborative learning

Jeroen Janssen, Gijsbert Erkens, Paul Kirschner, Gellof Kanselaar

235 - Towards a Flexible Model for Computer-based Analysis and Visualization of Collaborative Learning Activities

Andreas Harrer, Sam Zeini, Georgios Kahrmanis, Nikolaos Avouris, Jose Antonio Marcos, Alejandra Martinez-Mones, Anne Maier, Nikol Rummel, Hans Spada

311 - Catalysts to creating representational tools and the benefits for learning

Lee Martin, Daniel Schwartz

349 - Boundary conditions for applying argumentative diagrams

Marije Van Amelsvoort, Seger Breugelmans

384 - Exploring the Potential of a Handheld Participatory Simulation and Social Network Application for Revealing Decision-Making Processes for Information Seeking Amongst Middle School Students

Susan Yoon

344 - The Use of "Knowledge Types" as Scripting Tool to Enhance Critical Thinking in Online Discussions

Hilde Van Keer, Tammy Schellens, Bram De Wever, Martin Valcke

## **11:45-1:30 Poster Session B**

126 - Video Traces: Creating Common Space between University and Public Schools for Preparing New Teachers

Amit Saxena, Reed Stevens

128 - From the individual to the group: tracing preservice teachers' conceptions of transformational technologies

Elvira K. Katic

131 - ProBoPortable: Does the Cellular Phone Software Promote Emergent Division of Labor in Project-Based Learning?

Toshio Mochizuki, Hiroshi Kato, Kazaru Yaegashi, Toshihisa Nishimori, Yusuke Nagamori, Shinobu Fujita

151 - Wiki Design For Teacher Interventions In Collaborative Production

Ingvi Rasmussen, Andreas Lund, Ole Smoerdal

154 - How Can The Design Of Educational Technologies Affect Graduate Students' Epistemologies About Learning?

Yael Kali, Tamar Ronen Fuhrmann

157 - Studying the effects of scripts and technology on cooperative learning  
Guan-Yu Lin, James M. Laffey, Kristin A. Buss

158 - Using Learning Management Systems to Support Students' Collaborative Learning in Higher Education  
Stephanie D. Teasley, Steven Lonn

187 - Effects of Previous Messages' Evaluations, Knowledge Content, Social Cues and Personal Information on the Current Message During Online Discussion  
Gaowei Chen, Ming Ming Chiu

193 - Helping Teachers in Designing CSCL Scenarios: a Methodology Based on the LDL Language  
Christine Ferraris, Christian Martel, Laurence Vignollet

194 - Let's Read Together: An Evaluation Of A Computer Assisted Reciprocal Early English Reading System  
Yu-Ju Lan, Yao-Ting Sung, Kuo-En Chang

204 - Learning Writing By Reviewing in Science  
Kwangsue Cho, Christian Schunn, Kyungbin Kwon

211 - Information as a Social Achievement: Collaborative Information Behavior in CSCL  
Nan Zhou, Alan Zemel, Gerry Stahl

220 - Student Competition in Computer-Mediated Conferencing Courses  
Vanessa Peters, Jim Hewitt

231 - Interaction Analysis in Asynchronous Discussions: Lessons learned on the learners' perspective, using the DIAS system  
Tharrenos Bratitsis, Angelique Dimitracopoulou

239 - Designing Collaborative Mathematics Activities for Classroom Device Networks  
Tobin White, Kevin Lai, Garrett Kennehan

249 - The disembodied act: Copresence and indexical symmetry in computer-mediated communication  
Alan Zemel, Wesley Shumar, Murat Cakir

262 - PhysHint--a qualitative study of student's cognitive elaboration in CSCL  
Ning Ding

251 - Appropriation of a Graphical Shared Workspace: The Learner-Tool Connection  
Maarten Overdijk, Wouter Van Diggelen

358 - Exploring self-regulation in group contexts

Toni Kempler, Lisa Linnenbrink-Garcia

359 - Using Computer-Based Math Games as an Anchor for Cooperative Learning  
Fengfeng Ke

385 - Why Technology Isn't Making a Difference: Coming to Terms with Ubiquitous Learning in High School Classrooms  
Erica Boling

388 - A Tale of Two Formats  
Angela O'Donnell, Nicole DiDonato

406 - Making Thinking Visible: Growth in Graphical Literacy, Grades 3 to 4  
Yongcheng Gan, Marlene Scardamalia, Huang-Yao Hong, Jianwei Zhang

### **12:00 - 1:00 ISLS Board Meeting**

### **1:30- 3:00 Plenary Symposium: Methodologies for Analyzing Group Interactions: Theory, Models, Methods and Challenges**

Roger Azevedo, Ricki Goldman, Art Graesser, Kristiina Kumpulainen, Sten Ludvigsen, Phil Winne

### **3:30- 5:00**

### **Symposium: Evaluating the Quality of Dialogical Argumentation in CSCL: Moving Beyond an Analysis of Formal Structure**

392 - Evaluating the Quality of Dialogical Argumentation in CSCL: Moving Beyond an Analysis of Formal Structure  
Douglas Clark, Victor Sampson, Armin Weinberger, Gijsbert Erkens

### **Paper Session 6. Cognitive processes in groups**

156 - Meaning making in CSCL: Conditions and preconditions for cognitive processes by groups  
Gerry Stahl

278 - Effects of Technology-based Support for Explanation Construction on Learners' Discourse during Design-based Learning in Science  
Swaroop Vattam, Christopher Kramer, Hyungsin Kim, Janet Kolodner



309 - The role of problematizing moves in online knowledge building activities  
Ming Lai

## **Paper session 7. Design principles**

279 - Promoting Collaborative Learning in Higher Education: Design Principles for Hybrid Courses  
Rachel Levin-Peled, Yael Kali, Judy Dori

430 - Principles and Grand Challenges for the Future: A Prospectus for the CSCL Community  
Eric Hamilton

436 - Classroom Model, Model Classroom: Computer-Supported Methodology for Investigating Collaborative-Learning Pedagogy  
Dor Abrahamson, Paulo Blikstein, Uri Wilensky

## **Demo Session A**

219 - Engaging Students in Science Controversy Through an Augmented Reality Role-Playing Game  
Eric Rosenbaum, Eric Klopfer, Britton Boughner, Louisa Rosenheck

226 - Coordination Dynamics in CSCL based Chat Logs  
Miriam Weinel, Peter Reimann

160 - Conceptual and Computational Issues in the Formalization of Collaboration Scripts  
Andreas Harrer, Lars Kobbe, Nils Malzahn

230 - Demonstration of a Discussion Terminal for Knowledge Acquisition and Opinion Formation in Science Museums  
Kristin Knipfer, Carmen Zahn, Friedrich W. Hesse

272 - Computer Supported Moderation of E-Discussions: the ARGUNAUT Approach  
Reuma De Groot, Raul Drachman, Rakheli (Rachel) Hever, Baruch Schwarz, Ulrich Hoppe, Andreas Harrer, Maarten De Laat, Rupert Wegerif, Bruce M. McLaren, Benoit Baurens

339 - Tools for Concurrent, Embedded, and Transformative Assessment of Knowledge Building Processes and Progress  
Chris Teplovs, Zoe Donoahue, Marlene Scardamalia, Donald Philip

353 - Mentored Professional Development to Support Successful Integration of Technology-enhanced Science Curriculum  
Stephanie Corliss, Michele Spitulnik, Tara Higgins, Doug Kirkpatrick

Thursday

315 - Wearable Tag Clouds: Visualizations to Facilitate New Collaborations  
Daniel Steinbock, Roy Pea, Byron Reeves

296 - Transcendent Communities  
Sam Joseph, Viil Lid, Dan Suthers

**New York Harbor Dinner Cruise (reserve in advance) 6:00**

**Friday, July 20, 2007**

**7:30- 8:45 JLS Editorial Board Meeting**

**Keynote: Jeremy Roschelle - Can CSCL Make a Global Contribution?**

**10:15- 11:45**

**Symposium: Orchestrating learning activities on the social and the cognitive level to foster CSCL**

Armin Weinberger, Douglas Clark, Pierre Dillenbourg, Dejana Diziol, Victor Sampson, Karsten Stegmann, Nikol Rummel, Fabrice Hong, Hans Spada, Bruce McLaren, Taiga Brahm, and Frank Fischer

### **Paper Session 8: Methods of Scaffolding**

144 - Instructional support for individual and collaborative demands in two net-based communication settings

Miriam Hansen, Hans Spada

360 - Fading Scripts in Computer-Supported Collaborative Learning: The Role of Distributed Monitoring

Christof Wecker, Frank Fischer

395 - Patterns of Collaboration in Design Courses: Team dynamics affect technology appropriation, artifact creation, and course performance

Heidy Maldonado, Brian Lee, Scott Klemmer, Roy Pea

### **Paper Session 9. Coordination**

323 - The integration of synchronous communication across dual interaction spaces

Martin Mühlpfordt, Gerry Stahl

403 - Small-group Face-to-Face Discussions in the Classroom: A New Direction of CSCL Research

Wouter van Diggelen, Maarten Overdijk

394 - Creativity, Collaboration and Competence: Agency in Online Synchronous Chat Environment

Elizabeth Charles, Wesley Shumar

## **Interactive Session 3. Collaboration and social processes.**

166 - An Innovative Approach for Fostering Computer-Supported Collaboration  
Tanja Engelmann, Sigmar-Olaf Tergan

185 - Online but off-topic: Establishing common ground in small learning groups  
Trena Paulus

232 - Information Sharing is Incongruous with Collaborative Convergence: The Case for Interaction  
Daniel Suthers, Richard Medina, Ravi Vatrapu, Nathan Dwyer

283 - Illegitimate Practices as Legitimate Participation: Game Cheat Sites in a Teen Virtual World  
Deborah Fields, Yasmin Kafai

334 - From socially-mediated to technology-mediated coordination: A study of design tensions using Group Scribbles  
Yannis Dimitriadis, Juan Ignacio Asensio-Pérez, Davinia Hernández-Leo, Jeremy Roschelle, John Brecht, Deborah Tatar, Raj Chaudhury, Chris DiGiano, Charles Patton

382 - Drawing on Practices for Modeling Socio-Technical Systems  
Heidrun Allert, Christoph Richter

### **12:15- 1:15 ISLS Open Meeting**

### **1:30- 3:00**

## **Paper Session 10. Knowledge Construction**

208 - Conceptual Representations Enhance Knowledge Construction in Asynchronous Collaboration  
Daniel Suthers, Ravi Vatrapu, Richard Medina, Sam Joseph

221 - Learning from virtual interaction: A review of research on online synchronous groups  
Anindito Aditomo, Peter Reimann

366 - Analyzing Collaborative Processes and Learning from Hypertext Through Hierarchical Linear Modelling  
Agni Stylianou, Elena Papanastasiou, Sadhana Puntambekar

## **Paper Session 11. Shared Knowledge**

314 - Partner Modeling Is Mutual

Mirweis Sangin, Nicolas Nova, Gaëlle Molinari, Pierre Dillenbourg

326 - Supporting controversial CSCL discussions with augmented group awareness tools

Juergen Buder, Daniel Bodemer

340 - Web based platforms in co-located practice - The use of a wiki as support for learning and instruction

Gustav Lymer, Johan Lundin, Barry Brown, Mattias Rost, Lars Erik Holmquist

## **Paper Session 12. CSCL and Science learning**

273 - Sensitivities to Early Exchange in Synchronous Computer-supported Collaborative Learning (CSCL) Groups

Manu Kapur, John Voiklis, Charles Kinzer

380 - Computer-supported Collaborative Learning and Conceptual Change

Lei Liu, Cindy Hmelo-Silver

414 - Thinking Hard Together: the Long and Short of Collaborative Idea Generation in Scientific Inquiry

Hao-Chuan Wang, Carolyn Rose, Yue Cui, Chun-Yen Chang, Chun-Chieh Huang, Tsai-Yen Li

## **Demo Session B**

244 - Collaborative Lesson Analysis in Virtual Groups: The Impact of Video on Student Teachers' Analysis and Reflection Processes

Jan Henning, Ute Massler, Rolf Ploetzner, Peter Huppertz

274 - Combining Structural, Process-oriented and Textual Elements to Generate Awareness Indicators for Graphical E-discussions

Rakheli (Rachel) Hever, Reuma De Groot, Maarten De Laat, Andreas Harrer, Ulrich Hoppe, Bruce M. McLaren, Oliver Scheuer

300 - Implementation of the Scrabble Game on the Mobile Devices to Increase English Vocabulary Acquisition

Chiu-Pin Lin, Hui-Chung Hung, Yi-Chen Lin, Shelley S.-C. Young

381 - Using Social Network Analysis to Highlight an Emerging Online Community of Practice

Anthony Cocciolo, Hui Soo Chae, Gary Natriello

393 - Virtual Communities of Care: Online Peer Networks with Post-Organ Transplant Youth

Marina Bers, Clement Chau, Keiko Satoh, Laura Beals

375 - Computational Literacy and Mathematics Learning in a Virtual World: Identity, Embodiment, and Empowered Media Engagement

Sneha Veeragoudar Harrell, Dor Abrahamson

269 - Just a cog in the machine: participatory robotics as a tool for understanding collaborative learning and decision-making

Paulo Blikstein, William Rand, Uri Wilensky

## **Symposium: Fostering Peer Collaboration with Technology**

Janice Gobert, James Slotta, Jody Clarke, Chris Dede, Hannie Gijlers, Nadira Saab, Wouter van Joolingen, Ton de Jong, Ken Koedinger

## **Paper Session 13. Collaborative work**

280 - How Does Net-Based Interdisciplinary Collaboration Change with Growing Domain Expertise?

Nikol Rummel, Sabine Hauser, Hans Spada

345 - Combining Social Network Analysis with Semantic Relations to Support the Evolution of a Scientific Community

Andreas Harrer, Nils Malzahn, Sam Zeini, Ulrich Hoppe

387 - Interdisciplinarity in the CSCL Community – an Empirical Study

Martin Wessner, Andrea Kienle

## **Paper session 14. Social processes in CSCL interactions**

181 - Do internal factors of cooperation influence computer-mediated distance activity?

Kristine Lund, Céline Rossetti, Stéphanie Metz

183 - Group Awareness and Self-Presentation in the Information-Exchange Dilemma: An Interactional Approach

Joachim Kimmerle, Ulrike Cress

210 - Influence of group member familiarity on online collaborative learning

Jeroen Janssen, Gijbert Erkens, Paul Kirschner, Gellof Kanselaar

## **Interactive Session 4. Knowledge building and learning**

190 - Constructing new knowledge in collaboration: instructional support for improving information pooling and processing in groups

Hans Spada, Anne Meier

243 - Improving Young Learners' Scientific Understanding in CSCL Environments

Hyo-Jeong So

253 - Toward collaborative technologies supporting cognitive skills for mutual regard

Tom Murray

306 - From Theory of Mind to a Theory of Distributed Shared Sense-Making

Barbara Ladewski, Annemarie S. Palincsar, Joseph S. Krajcik

399 - Epistemological perturbations: Using material artifacts to cultivate a knowledge building culture in classrooms

John Ow, Katerine Bielaczyc

437 - Collaboration, Computation, and Creativity: Media Arts Practices in Urban Youth Culture

Kylie Peppler, Yasmin Kafai

325 - Process- and context-sensitive research on academic knowledge practices: Developing CASS-tools and methods

Hanni Muukkonen, Kai Hakkarainen, Kari Kosonen, Satu Jalonen, Annamari Heikkilä, Kirsti Lonka, Katariina Salmela-Aro, Juha Linnanen, Kari Salo

**7:30- 11:00 International Wine Tasting with Live Music.**

**Saturday, July 21, 2007**

**7:30-8:45 APSCE Open Meeting**

**9:00 - 10:30 Plenary Symposium: Games in Schools, Clubs, Homes and Fandom Communities: Opportunities and Challenges in Understanding Learning and Collaboration**

Yasmin Kafai, Chris Dede, Erica Halverson, Tom Satwicz,

**11:00- 12:30**

**ijCSCL Invited Symposium: Making use of productive tensions in CSCL**

Friedrich W. Hesse, Gerry Stahl, Tim Koschmann, Dan Suthers, Peter Reimann, Jürgen Buder, Ulrike Cress

**Paper Session 15. Argumentation**

215 - Fostering argumentation with script and content scheme in videoconferencing  
Birgitta Kopp, Heinz Mandl

330 - Effects of synchronous and asynchronous CMC on interactive argumentation  
Lisette Munneke, Jerry Andriessen, Paul Kirschner, Gellof Kanselaar

367 - Collaborative Argumentation and Cognitive Processing - An Empirical Study in a Computer-Supported Collaborative Learning Environment  
Karsten Stegmann, Christof Wecker, Armin Weinberger, Frank Fischer

**Paper Session 16. CSCL and Teacher practices**

161 - The Relation between Schoolteachers' Perceptions about Collaborative Learning and Their Employment of Online Instruction  
Tamar Inbal-Shamir, Yael Kali

271 - Intuitive moderation styles and beliefs of teachers in CSCL-based argumentation  
Julia Gil, Baruch B. Schwarz, Christa S. C. Asterhan



294 - A Reflective Analysis of Facilitation in an Online Problem-Based Learning Activity  
Sharon Derry, Matt DelMarcelle

## **Interactive Session 5. Interaction processes**

207 - Fostering Audience Design of Computer-Mediated Knowledge Communication by Knowledge Mirroring  
Jessica Dehler, Daniel Bodemer, Juergen Buder

252 - The Effects of Conversations with Regulars and Administrators on the Participation of New Users in a Virtual Learning Community  
Yevgeniy Medynskiy, Amy Bruckman

298 - The Student Becomes the Master: Integrating Peer Tutoring with Cognitive Tutoring  
Erin Walker, Nikol Rummel, Bruce McLaren, Kenneth Koedinger

316 - Source Memorization in Chat Interactions  
Gaëlle Molinari, Patrick Jermann, Pierre Dillenbourg

407 - The relationship between student interaction and message readability in asynchronous online discussions  
Jim Hewitt, Vanessa Peters

421 - Impact of Anonymity of Input in Next-Generation Classroom Networks  
Sarah Davis

112 - Understanding Pair-Programming from a Socio-cultural Perspective  
Weiqin Chen, Marius Nordbø

## **12:30 Closing Ceremonies**