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<td>7:00-8:00am</td>
<td>Breakfast</td>
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<td>8:00-9:15am</td>
<td>Keynote. Prof Art Graeser</td>
<td>Keynote. Prof. Nancy Law</td>
<td>Keynote A/Prof Scott Klemmer</td>
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<td>Communicating with AutoTutor, Trialogs,</td>
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<td>9.15-9.30am</td>
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<td>9.30-10.45am</td>
<td>1A. Discussion with keynote speaker</td>
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<td>1B. Process Mining</td>
<td>5B. MOOCs</td>
<td>9B. Discourse and Argumentation</td>
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<td>10.45-12pm</td>
<td>2A. Panel. Setting Learning Analytics in</td>
<td>6A. Panel. Learning Analytics for the</td>
<td>10A. Panel: Building Institutional</td>
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<td>Context: Overcoming the Barriers to Large-</td>
<td>Social Media Age</td>
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<td>2B. Predictive models and recommendations</td>
<td>6B. Learning Analytics for &quot;at risk&quot;</td>
<td>10B. Who we are and who we want to be</td>
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<td>12-1pm</td>
<td>Lunch</td>
<td>Lunch (SoLAR Annual General Meeting)</td>
<td>Closing session</td>
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<td>Lunch on your own</td>
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<td>1.30-3:00pm</td>
<td>3A. Alternative Analytics</td>
<td>7A. Text analytics and collaborative</td>
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<td>3B. Learning Mathematics</td>
<td>7B. Institutional Perspectives</td>
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<td>3.15-4:30pm</td>
<td>4. Posters</td>
<td>8A. Analysis of Resource use in LMS</td>
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Plenary sessions

Wednesday March 26 2014
7:00am-8:00am Breakfast

8.00am-8.10am Conference inauguration

8.10am-9.15am **Keynote: Prof. Art Graesser. Scaling Up Learning by Communicating with AutoTutor, Trialogs, and Pedagogical Agents**

9.15am-9.30am Break

9.30am-10.45am **Parallel Sessions**

**Session 1A**

- Discussion with the keynote speaker.

**Session 1B: Process Mining**


10.45am-12pm Parallel Sessions

**Session 2A: Panel**

- Setting Learning Analytics in Context: Overcoming the Barriers to Large-Scale Adoption. Rebecca Ferguson, Doug Clow, Leah Macfadyen, Shane Dawson, Alfred Essa, Shirley Alexander

**Session 2B: Predictive Models and Recommendations**

- Customized Course Advising: Investigating Engineering Student Success with Incoming Profiles and Patterns of Concurrent Course Enrollment. SungJin Nam, Steven Lonn, Thomas Brown, Cinda-Sue Davis, Darryl Koch (Full Paper).
- Explaining Predictive Models to Learning Specialists using Personas. Christopher Brooks, Jim Greer (Short paper).

12pm-1.30pm Lunch break

1:30pm-3pm Parallel Sessions

**Session 3A: Alternative Analytics**

- Sleepers’ lag - study on motion and attention. Mirko Raca, Roland Tormey, Pierre Dillenbourg (Full Paper).
Data Wranglers: Human interpreters to help close the feedback loop. Doug Clow (Short Paper).


Session 3B: Learning Mathematics

- On Using Markov Chain to Evidence the Learning Structures and Difficulty Levels of One Digit Multiplication. Behnam Taraghi, Martin Ebner, Anna Saranti, Martin Schön (Short Paper).
- Context Personalization, Preferences, and Performance in an Intelligent Tutoring System for Middle School Mathematics. Stephen Fancsali, Steven Ritter (Short Paper).
- Interaction Design for Improved Analytics. Maria Mendiburo, Brian Sulcer, Ted Hasselbring (Short Paper).

3.00pm-3.15pm Break

3.15pm-4.30pm Session 4: Poster Session

4:30-5:30 Reception

Thursday March 27 2014

7:00am-8:00am Breakfast

8.00am-8.10am Conference announcements

8.10am-9.15am Keynote: Prof. Nancy Law. Is Learning Analytics a Disruptive Innovation?

9.15am-9.30am Break

9.30am-10.45am Parallel Sessions

Session 5A

- Discussion with the keynote speaker.

Session 5B: MOOCs

- Visualizing patterns of student engagement and performance in MOOCs. Carleton Coffrin, Linda Corrin, Paula de Barba, Gregor Kennedy (Full Paper).
- Small to Big Before Massive: Scaling up Participatory Learning Analytics. Daniel Hickey, Tara Kelly, Xinyi Shen (Short Paper).
10.45pm-12pm Parallel Sessions

**Session 6A: Panel**
- Learning Analytics for the Social Media Age. Caroline Haythornthwaite, Anatoliy Gruzd, Christopher Andrew Paulin, Rafa Absar, Michael Huggett

**Session 6B: Learning Analytics for "at risk" students**
- Engagement vs Performance: Using Electronic Portfolios to Predict First Semester Engineering Student Retention. Everaldo Aguiar, Nitesh Chawla, Jay Brockman, George Alex Ambrose, Victoria Goodrich (Full Paper, Best paper award candidate).
- Perceptions and Use of an Early Warning System During a Higher Education Transition Program. Stephen Aguilar, Steven Lonn, Stephanie Teasley (Short paper).
- Modest analytics: using the index method to identify students at risk of failure. Tim Rogers, Cassandra Colvin, Belinda Chiera (Short Paper).

12pm-1.30pm Lunch break (SoLAR Annual General Meeting)

1:30pm-3pm Parallel Sessions

**Session 7A: Text analytics and collaborative environments**
- Analytics of the Effects of Video Use and Instruction to Support Reflective Learning. Dragan Gasevic, Negin Mirriahi, Shane Dawson (Full Paper).
- Peer Assessment Based on Ratings in a Social Media Course. Andrii Vozniuk, Adrian Holzer, Denis Gillet (Short Paper).
- Collaborative Spatial Classification. Eric Coopey, R. Benjamin Shapiro, Ethan Danahy (Short Paper).
- Assessing Elementary Students’ Science Competency with Text Analytics. Samuel Leeman-Munk, James Lester, Eric Wiebe (Short Paper).

**Session 7B: Institutional Perspectives**
- Techniques for Data-Driven Curriculum Analysis. Gonzalo Mendez, Xavier Ochoa, Katherine Chiluiza (Full Paper, Best paper award candidate).
- The Impact of Learning Analytics on the Dutch Education System. Hendrik Drachsler, Slavi Stoyanov, Marcus Specht (Short Paper).
- Competency Map: Visualizing Student Learning to Promote Student Success. Jeff Grann, Deborah Bushway (Short Paper).

3.00pm-3.15pm Break

3.15pm-4.30pm Parallel Sessions

**Session 8A: Analysis of Resource use in LMS**
- Analyzing the Log Patterns of Adult Learners in LMS Using Learning Analytics. Il-Hyun Jo, Dongho Kim, Meehyun Yoon (Short Paper).

Session 8B: Learning Analytics and Learning Design

- Designing Pedagogical Interventions to Support Student Use of Learning Analytics. Alyssa Wise (Full Paper).

6pm Conference Dinner at the Eiteljorg Museum of American Indians and Western Art

Friday March 28 2014

7:00am-8:00am Breakfast

8.00am-8.10am Conference announcements

8.10am-9.15am **Keynote:** A/Prof. Scott Klemmer. Design at large

9.15am-9.30am Break

9.30am-10.45am **Parallel Sessions**

**Session 9A**

- Discussion with the keynote speaker.

**Session 9B: Discourse and Argumentation**


10.45pm-12pm **Parallel Sessions**

**Session 10A: Panel**


**Session 10B: Who we are & who we want to be**

- Current State and Future Trends: a Citation Network Analysis of the Learning Analytics Field. Shane Dawson, Dragan Gasevic, George Siemens, Srecko Joksimovic (Full Paper, Best paper award candidate).
- Teaching the Unteachable: On The Compatibility of Learning Analytics and Humane Education. Timothy D. Harfield (Short paper).
- Establishing an Ethical Literacy for Learning Analytics. Jenni Swenson (Short Paper).

12-1pm **Closing Session**

1pm **Lunch on your own**