

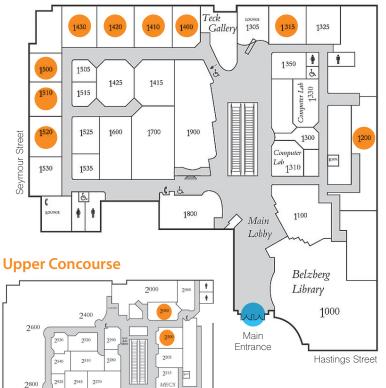
# Harbour Centre

ww.sfu.ca/mecs/facilities/harbour-centro

515 West Hastings Street, Vancouver, BC

One of Vancouver's iconic buildings offering flexible spaces and economical ptions for a wide range of venue rental needs.





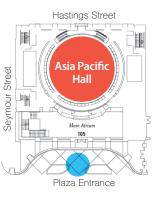


# Morris J. Wosk Centre for Dialogue

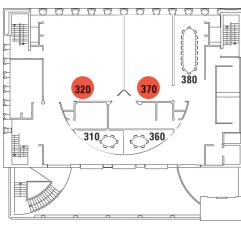
580 West Hastings Street , Vancouver, BC

FU's award-winning renovation of historical bank building is a venue specifically

### **1st Floor**



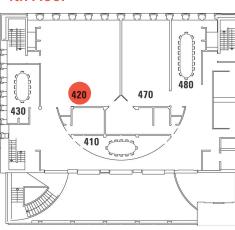
# **3rd Floor**



## **Lower Concourse**



## 4th Floor





# GoldCorp Centre for the Arts

2300

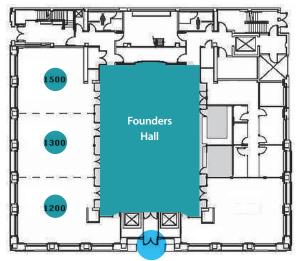
149 West Hastings Street Vancouver, BC An artistic space situated at the historical Woodward's building site geared ards cultural arts events and gatherings



# Segal Building

500 Granville Street, Vancouver, BC





Main Entrance 1st Floor

Hastings Street

# Workshops at a Glance

Tuesday, March 14

Workshop and Conference Registration

8:30-5:00pm

Current and Future Multimodal Learning

Doctoral Consortium [Invitation only]

Writing Analytics Literacy - Bridging from

8:30am-12:00pm

Developing Institutional Learning Analytics

'Communities of Transformation' to Support

Connecting Data with Student Support Actions

1:00-5:00pm

Workshop of the Methodology in Learning

Institutional Members Roundtable Meeting

Half Day Events (afternoon)

(Harbour Centre-2200)

**Late Afternoon Events** 

**Late Afternoon Events** 

Institutional Members Reception

(Harbour Centre-1400-1430)

Morning tea

(Harbour Centre-1400-1430)

Community Based Educational Data Repositories

LAK Hackathon Day 2: Getting the Right Information

to the Right People So They Can Take the Right Action

7:30-8:30pm

(Wosk Centre)

**Full Day Events** 

and Analysis Tools (Harbour Centre-1500)

Analytics Data Challenges (Harbour Centre-1510)

(Harbour Centre-2050)

(Harbour Centre-1520)

(Harbour Centre-1315)

(Harbour Centre-2200)

in a Course: A Hands-on Tutorial (Harbour Centre-2245)

Half Day Events (morning)

Research to Practice

Student Success

Analytics Bloc

(Invitation Only)

5:00-6:30pm

(Invitation Only)

10:00-10:30am

12:00-1:00pm

**Breaks** 

# Monday, March 13

7:30-8:30am

Workshop and Conference Registration (Wosk Centre)

8:30-5:00pm

# **Full Day Events**

Beyond Failure: The 2nd LAK Failathon (Harbour Centre-500)

DesignLAK17: Quality Metrics and Indicators for Analytics of Assessment Design at Scale (Harbour Centre-2050)

LAK Hackathon Day 1: Getting the Right Information to the Right People So They Can Take the Right Action (Harbour Centre-1520)

2nd Cross-LAK: Learning Analytics Across Physical and Digital Spaces

(Harbour Centre-2245)

# 8:30am-12:00pm

### Half Day Events (morning)

Building the Learning Analytics Curriculum (Harbour Centre-1510)

FutureLearn Data: What We Currently Have, What We Are Learning and How It Is Demonstrating Learning in MOOCs (Harbour Centre-2200)

Learning Analytics and Policy (LAP) – International Aspirations, Achievements and Constraints

(Harbour Centre-1315)

# 1:00-5:00pm

# Half Day Events (afternoon)

LA Policy: Developing an Institutional Policy for Learning Analytics using the RAPID Outcome Mapping Approach

(Harbour Centre-1510)

Quasi-Experimental Design for Causal Inference Using 3:30–5:00pm Python and Apache Spark: A Hands-on Tutorial (Harbour Centre-2200)

Workshop on Integrated Learning Analytics of MOOC Post-Course Development (Harbour Centre-1315)

### **Breaks**

10:00–10:30am	Morning tea
12:00-1:00pm	Lunch
2:30-3:00pm	Afternoon tea

:00–10:30am	Morning tea
:00–1:00pm	
	Afternoon tea

### 2:30-3:00pm Afternoon tea

# Getting Around Vancouver Public Transport: Visit http://www.translink.ca/ to plan a trip by bus, SkyTrain or SeaBus (to North Vancouver). Click the Fares tab at top of the web page for payment options. Exact coin fare is required if paying when you board a bus: \$2.75 for any number of transfers over a 90 minute period in Zone 1.

Taxi: Multiple companies offer taxi service. Two popular ones are MacLure's, tel: 604-831-1111 and Black Top & Checker, tel: 604-681-3201.

Airport: The SkyTrain Canada Line links downtown Vancouver to Vancouver nternational Airport. Closest stop to the conference is Waterfront Station, 601 West Cordova Street. Use the ticket machine to buy a two-zone ticket at \$4.00 + YVR AddFare at \$5.00 = \$9.00 total. Service begins 05:08. The last train at night is 00:57. Trains run once every 6 to 7 minutes throughout the day and evening, and every 20 minutes during late-night hours. Transit is about 25 minutes.

# 7th International Learning Analytics and Knowledge Conference

Simon Fraser University, Burnaby British Columbia Canada

# Meet Our Keynote Speakers



### Dr. Sanna Järvelä UNIVERSITY OF OULU, FINLAND

**Dr. Järvelä** is a professor in the field of learning and educational technology and a head of the Learning and Educational Technology Research Unit (LET) in the Department of Educational Sciences, University of Oulu, Finland. Her main research interests deal with self-regulated learning, computer supported collaborative learning and on-line learning processes.



### **Dr. Timothy Mckay** UNIVERSITY OF MICHIGAN, USA

**Dr. McKay** is a data scientist, drawing inference from large data sets. McKay's research has been in two main areas: observational cosmology and higher education. He has also been an academic administrator, leading the 1800 student Honors Program in the UM College of Literature Science and the Arts from 2008-2016



# Dr. Sidney D'Mello UNIVERSITY OF NOTRE DAME, USA

Dr. D'Mello is an Associate Professor with joint appointments in the departments of Computer Science and Psychology at the University of Notre Dame. His primary research interests are in affective computing, affective science, learning sciences, humancomputer interaction, and speech and discourse processing.

# **Sponsors**



PRINCIPAL EVENT SPONSOR









# Wednesday March 15

vveanesaay,	March 15			
7:30-8:30am 8:30 -10:00am	Breakfast and Registration (Wosk Centre)  Welcome & Keynote – Big Data From the Little Person? Using Multimodal Data to Understand the Regulation of Learning.  Dr. Sanna Järvelä, University of Oulu, Finland (Djavad Mowafaghian Cinema, Goldcorp Centre for the Arts)			
10:00-10.30am	Morning Tea (Wosk-ICBC Concourse & Salon)			
10:30–12:00pm Session: 1A (Wosk–370) Keynote Q&A and	10:30–12:00pm Session: 1B (Wosk–320) LA Infrastructure	10:30—12:00pm Session: 1C (Wosk—Asia Pacific Hall) Modeling Student	Students At-Risk -	
Round Table	1B1 – Crossing the Chasm	Behaviour	Studies	
Sanna Järvelä  PANEL1 – Pathways for Strengthening Links Between Researchers and Industry in Learning Analytics  Dragan Gašević - Moderator, Al Essa, Eric Cooper, Kate Valenti, Kirsty Kitto, Shady Shehata	to Big Data: Early Detection of at-Risk Students in a Cluster Computing Environment Eitel Lauría, Edward Presutti, Matthew Sokoloff, Michael Guarino  1B2 – SURF Learning Analytics experiment: Hands-on experience for Dutch Higher education  Practitioner Presentation Jocelyn Manderveld, Herman van Dompseler, Marieke de Wit  1B3 – Developing a MOOC Experimentation Platform: Insights from a User Study	ICI – Detecting Changes in Student Behavior from Clickstream Data / Best Paper Nominee	1D1– Ouroboros: Early Identification of At-Risk Students Without Models Based on Legacy Data	
		Full Research Paper Jihyun Park, Kameryn Denaro, Fernando Rodriguez, Padhraic Smyth, Mark Warschauer	Full Research Paper Martin Hlosta, Zdenek Zdrahal, Jaroslav Zendulka 1D2 – Impact of Student Choice of Content Adoption	
		IC2–Modeling Exploration Strategies to Predict Student Performance within a Learning	Delay on Course Outcomes Short Research Paper Lalitha Agnihotri, Alfred	
		Environment and Beyond Full Research Paper Tanja Käser, Nicole R.	Essa, Ryan Baker	
		Hallinen, Daniel L. Schwartz  1C3 – Opportunities for Personalization in Modeling		
	Short Research Paper	Students as Bayesian Learners		
	Vitomir Kovanović, Srećko Joksimović, Philip Katerinopoulos, Charalampos Michail, George Siemens, Dragan Gašević	<b>Short Research Paper</b> Charles Lang		

# **Best Paper Nominees**

**Detecting Changes in Student Behavior from Clickstream Data** 

Jihyun Park (University of California, Irvine, USA), Kameryn Denaro (University of California, Irvine, USA), Fernando Rodriguez (University of California, Irvine, USA), Padhraic Smyth (University of California, Irvine, USA), Mark Warschauer (University of California, Irvine, USA)

#### Assessment of Language in Authentic Science Inquiry Reveals Putative Differences in Epistemology

Melanie Peffer (University of Northern Colorado, USA), Kristopher Kyle (University of Hawai'i at Manoa, USA)

#### **Transitioning Self-Regulated Learning Profiles in**

**Hypermedia-Learning Environments** 

Clarissa Lau (University of Toronto, Canada), Jeanne Sinclair (University of Toronto, Canada), Michelle Taub (North Carolina State University, USA), Roger Azevedo (North Carolina State University, USA), Eunice Eunhee Jang (University of Toronto, Canada)

### **Reflective Writing Analytics for Actionable Feedback**

Andrew Gibson (UTS, Australia), Adam Aitken (UTS, Australia), Ágnes Sándor (XRCE, France), Simon Buckingham Shum (UTS, Australia). Cherie Tsingos-Lucas (UTS, Australia), Simon Knight (UTS, Australia)

#### Scientific Modeling: Using Learning Analytics to Examine Student Practices and Classroom Variation

David Quigley (University of Colorado, USA), Jonathan Ostwald (University Corporation for Atmospheric Research, USA), Tamara Sumner (University of Colorado at Boulder, USA)

# What'd You Say Again? Recurrence Quantification Analysis as a Method for

Analyzing the Dynamics of Discourse in a Reading Strategy Tutor Laura Allen (Arizona State University, USA), Cecile Perret (Arizona State University SoLET Lab, USA), Aaron Likens (Arizona State University, USA), Danielle McNamara (Arizona State University, USA)

# Guidance Counselor Reports of the Assistments College Prediction Model

Jaclyn Ocumpaugh (University of Pennsylvania, USA), Ryan Baker (University of Pennsylvania, USA), Stefan Slater (University of Pennsylvania, USA). Maria Ofelia San Pedro (ACT, USA), Neil Heffernan (Worcester Polytechnic Institute, USA), Cristina Heffernan (WPI, USA), Aaron Hawn (Teachers College, Columbia University, USA)

#### Don't Call it a Comeback: Academic Recovery and the Timing of Educational **Technology Adoption**

Michael Brown (University of Michigan, USA), Matt Demonbrun (University of Michigan, USA), Stephanie Teasley (School of Information, University of Michigan, USA)

#### From Prediction to Impact: Evaluation of a Learning Analytics **Retention Program**

Shane Dawson (University of South Australia, Australia), Jelena Jovanovic (University of Belgrade, Serbia). Dragan Gasevic (University of Edinburgh, United Kingdom), Abelardo Pardo (University of Sydney, Australia)

#### 12:00-1:00pm Lunch (Wosk-ICBC Concourse & Salon)

with Discourse Analysis:

(Wosk-Asia Pacific Hall) (Wosk-370)

1:00-2:30pm

Session: 2B

1:00-2:30pm Session: 2A (Wosk-420) Improving Learning Understanding 2A1 – How to Assign Students Discourse I into Sections to Raise Learning 2B1 - Temporal Analytics

Full Research Paper Ming Chiu, Bonnie Chow, Sung Wook Joh

2A3 - Exploring the

Short Research Paper

Lewkow, Ryan Baker

2:30-3:00pm

3:00-4:30pm

Self-Regulated

3A1 - Learning Pulse: A

Multimodal Data

Marcus Specht

Full Research Paper

Daniele Di Mitri, Maren

3A2 - Transitioning Self-

Short Research Paper

Eunice Eunhee Jang

Clarissa Lau, Jeanne Sinclair,

3A3 - Expanding the Scope

of Learning Analytics Data:

Attention and Self-Regulation

using Wearable Technology

Short Research Paper

Catherine Spann, James

4:50-5.40pm

5:40-7:00pm

Schaeffer, George Siemens

Michelle Taub, Roger Azevedo,

Session: 3A

Learning

Ani Aghababyan, Nicholas

Tracing Ideas and Impact on Full Research Paper Communal Discourse 2A2 – Improving Learning Full Research Paper through Achievement Priming Alwyn Vwen Yen Lee, Seng Learning Analytics: A Call in Crowdsourced Information Chee Tan Finding Microtasks Full Research Paper

This study integrates social Full Research Paper network analysis and temporal Rebecca Ferguson, Doug Clow Full Research Paper analytics to reveal key ideas in 2C3 – Student Perceptions Uiwal Gadiraiu, Stefan Dietze participants' discourse, and of Their Privacy in Leaning promising ideas in a context of a Asymmetry of Metacognition knowledge building classroom Short Research Paper where improving one another's Kimberly Arnold, Niall Sclater idea is the collective goal.

2B2 - Dynamics of MOOC

Tobias Hecking, H. Ulrich

Hoppe, Pierre Dillenbourg

Reveals Putative Differences

n Epistemology / Best Paper

Melanie Peffer, Kristopher Kyle

2B3 - Assessment of Language n Authentic Science Inquiry

Full Research Paper

Mina Shirvani R

1:00-2:00pm

Session: 20

LA Ethics

2C1 - An Elephant in the

The Obligation to Act

Learning Analytics Room

Paul Prinsloo, Sharon Slade

2C2 - Where is the Evidence?

Caitlin Mills, Igor Fridman, Walid Soussou, Disha Waghray, Andrew Olney, Sidney D'Mello 2D3 - Analytics Meet Patient Manikins: Challenges in an Authentic Small-Group Healthcare Simulation

1:00-2:00pm

(Wosk-320)

Understanding

– Multimodal

Multimodal Learning

Interaction Learning

Analytics

**Student Behaviour** 

2D1 - Understanding Student

Learning Trajectories Using

Analytics within an Embodied-

2D2 - Put Your Thinking Cap

On: Detecting Cognitive Load

using EEG during Learning

Full Research Paper

Short Research Paper Roberto Martinez-Maldonado, Tamara Power Carolyn Haves Adrian Abdipranoto, Tony Vo. Carmen Axisa, Simoi

Buckingham Shum

3:00-4:30pm

Session: 3D

(Wosk-420)

Learning Design

3D1 – Unravelling the

Afternoon Tea (Wosk-ICBC Concourse & Salon)

3:00-4:30pm Session: 3B (Wosk-Asia Pacific Hall) (Wosk-320)

Reflective Writing 3B1 - Reflective Writing Analytics for Actionabl Feedback / Best Paper Nomine Machine Learning Approach

for Predicting Performance in Full Research Paper Andrew Self-Regulated Learning Using Gibson, Adam Aitken, Ágnes Sándor, Simon Buckingham Shum, Cherie Tsingos-Lucas, Simon Knight

3B2 - Reflective Writing Analytics - Empirically Determined Keywords of Written Reflection

Scheffel, Hendrik Drachsler, Dirk Börner, Stefaan Ternier, Regulated Learning Profiles Short Research Paper in Hypermedia-Learning Thomas Daniel Ullmann Environments / Best Paper

Session: 3C (Wosk-370) Understanding Student Behaviour Engagement 3C1 - Predicting the Decrease

Practice: A Longitudinal Study on Learning Design and VLE of Engagement Indicators in Activities a MOOC Full Research Paper Short Research Paper Quan Nguyen, Bart Rienties, Miguel L. Bote-Lorenzo, Eduardo Gómez-Sánchez

3D2 - A Randomized 3C2 – Studying Engagement and Performa Three Different Ways of Learning Technology in an Sequencing Content: The Role

Short Research Paper Juliet Mutahi, Andrew Kinai, Abdigani Diriye, Nelson Bore

Botelho, Neil T. Heffernan 3D3 - ATCE - An Analytics Tool to Trace the Creation and Evaluation of Inclusive and Accessible Open Educational

Short Research Paper

Seth A. Adiei, Anthony F.

Short Research Paper Cecilia Avila, Silvia Baldiris, Ramon Fabregat, Sabine Graf

Firehose - Doctoral Consortium (Segal Building – Founders Hall and Rooms 1200-1500) Posters and Reception (Segal Building – Founders Hall and Rooms 1200-1500)

# Thursday March 10

Thursday, M	larch 16		· ·
8:30 –10:00am	Breakfast and Registrati Announcements and Ke a Learning Laboratory Dr. Timothy McKay, Univ (Djavad Mowafaghian C	eynote — Turning a University of Michigan, USA	
• • • • • • • • • • • • • • • • • • • •	Full Research Paper Oleksandra Poquet, Shane Dawson, Nia Dowell  4B2 – Words Matter: Automatic Detection of Questions in Classroom Discourse using Linguistics, Paralinguistics, and Context  Full Research Paper Patrick J Donnelly, Nathaniel Blanchard, Andrew M Olney, Sean Kelly, Martin Nystrand, Sidney K D'Mello  4B3 – Towards Mining Sequences and Dispersion of Rhetorical Moves in Student	10:30–12:00pm Session: 4C (Wosk–420) LA Policies 4C1-Learning Analytics in Higher Education - Challenges and Policies: A Review of Eight Learning Analytics Policies Full Research Paper Yi-Shan Tsai, Dragan Gašević 4C2 - The Influence of Data	10:30—12:00pm Session: 4D (Wosk—Asia Pacific Hall) Teacher Support Tools I  4DI – Intelligent Tutors as Teachers' Aides: Exploring Teacher Needs for Real- time Analytics in Blended Classrooms Full Research Paper Kenneth Holstein, Bruce M. McLaren, Vincent Aleven 4D2 – Supporting Classroom Instruction with Data Visualization Practitioner Presentation Pei Xian Chia, Chee Hing Thong, Yiru Qiu, Zachary Kang 4D3 – Implementing Predictive Learning Analytics on a Large Scale: The Teacher's Perspective Short Research Paper
	Written Texts  Short Research Paper Simon Knight, Roberto Martinez-Maldonado, Andrew Gibson, Simon Buckingham Shum  Lunch (Wosk—ICBC Con		Christothea Herodotou, Bart Rienties, Avinash Boroowa, Zdenek Zdrahal, Martin Hlosta, Galina Naydenova
12:00—2:00pm 2:00—3:40pm Session: 5A (Wosk—Asia Pacific Hall) Skill Assessment SA1—Scientific Modeling: Using Learning Analytics to Examine Student Practices and Classroom Variation / Best Paper Nominee Full Research Paper David Quigley, Jonathan Ostwald, Tamara Sumner 5A2 – MAP: Multimodal Assessment Platform for Interactive Communication Competency	SoLAR Annual General 2:00–3:40pm Session: 5B (Wosk–320) Student Support Tools 5B1 - Widget, Widget As You Lead, 1 Am Performing Well Indeed! - Using Results From a Formative Offline Study to Inform an Empirical Online Study About a Learning Analytics Widget in a Collaborative Learning Environment Full Research Paper Maren Scheffel, Hendrik	2:00–3:40pm Session: 5C (Wosk–370) Teacher Support Tools II 5C1 – An Instructor Dashboard for Real-Time Analytics in Interactive Programming Assignments Full Research Paper Nicholas Diana, Michael Eagle, John Stamper, Shuchi Grover, Marie Bienkowski, Satabdi Basu 5C2 – Connectivist Learning	2:00–3:40pm Session: 5D (Wosk–420) Feedback Systems 5D1 - Trends and Issues in Student-Facing Learning Analytics Reporting Systems Research Full Research Paper Robert Bodily, Katrien Verbert 5D2 - Playing with Student Data: The Learning Analytics Report Card (LARC) Practitioner Presentation Jeremy Knox
Practitioner Presentation Saad Khan (ETS, USA) We describe a prototype system for automated human communication assessment. The system analyzes multimodal data of human-human and human- computer interactions to assess verbal and non-verbal communication competencies including speech delivery, language use, social affect and engagement. 5.843 – Predicting Math Performance Using Natural Language Processing Tools Full Research Paper	Drachsler, Karel Kreijns, Joop de Kraker, Marcus Specht 5B2 – Building a Transcript of the Future Full Research Paper Benjamin Koester, James Fogel, William Murdock, Galina Grom, Timothy McKay 5B3 – Community Building around a Shared History: Rebooting Academic Reporting Tools at the University of Michigan Practitioner Presentation August Evrard, Chris Teplovs	using SuiteC – Create, Connect, Collaborate, Compete! Practitioner Presentation Sandeep Markondiah Jayaprakash, John Scott, Paul Kerschen	5D3 – Uncovering Reviewing and Reflecting Behaviors From Paper-based Formal Assessment Full Research Paper Sharon Hsiao, Po-Kai Huang, Hannah Murphy
4:10–5:10pm	Afternoon Tea (Wosk-ICBC Concourse Network Session (Wosk-ICBC Concourse	_	

Friday, Mar	ch 1	7					
7:30-8:30am 8:30 -10:00am	Breakfast and Registration (Wosk Centre)  Announcements & Keynote – Multimodal Classroom  Analytics Dr. Sidney D'Mello, University of Notre Dame, USA  (Coldeger Centre for the Arte, Digwed Mountaghing Cingra)						
10:00-10.30am 10:30-12:00pm	(Goldcorp Centre for the Arts—Djavad Mowafaghian Cinema) Morning Tea (Wosk–ICBC Concourse & Salon) 10:30–  12:00pm 10:30–12:00pm 10:30–12:00pm						
Session: 6A (Wosk-370)	Session (Wosk-	n: 6B Asia Pacific Hall)			Session: 6D (Wosk–320)		
Keynote Q&A and	Under	standing	<b>LA Adoption -</b>		Understanding		
Round Table	Discou	ırse III	Recommendat	ion	Student Behaviour		
Sidney D'Mello		at'd You Say Again?	6C1 - Are We Losing		– General		
PANEL 3 – SoLAR: Initiatives, Opportunities, and Getting Involved	Analysis a	ce Quantification as a Method for g the Dynamics of	Trees for the Forest: for Localized Longit Learning Analytics		<b>6D1</b> – Learning Analytics in a Seamless Learning Environment		
Dragan Gašević - Moderator, Stephanie Teasley, Grace Lynch, Abelardo Pardo, Xavier Ochoa	Tutor / Be	in a Reading Strategy st Paper Nominee arch Paper	Practitioner Present Alan Hackbarth		Full Research Paper Kousuke Mouri, Hiroaki Ogata, Noriko Uosaki		
	Laura All	en, Cecile Perret, cens, Danielle	6C2 – Evolving a Process Model for Learning Analytics Implementation		6D2 – SPACLE: Investigating Learning Across Virtual and		
		- Honing in on Social ning Networks in MOOC			Physical Spaces Using Spatial Replays		
	Forums: Examining Critical Network Definition Decisions Network Definition Decisions Towards an instrument for Ke		Towards an instrument for students' evaluation of quality of learning analytics services Short Research Paper Alexander Whitelock- Wainwright, Dragan Gašević,		Full Research Paper Kenneth Holstein, Bruce M. McLaren, Vincent Aleven		
						12:00-1:00pm	Lunch
(Wosk—320)  Adaptive Learning 7A1 - Implementation of Adaptive Learning for Automotive Examination Preparation at the British Columbia Institute of Technology Using Brightspace LeaP  Practitioner Presentation Stephen Michaud, Lawrence Potyondi 7A2 - Enhancing Learning Through (Wosk—  Behavic / Search 7B1 - Supp Learning w A Real-Wor Classroom Full Resear Simone Koj			(Wosk–420) Understandin	) (Wosk ding Student Affect – Help-Seeking 7CI – EN Multimo Dashboo		:20pm Session: 7C -Asia Pacific Hall) ve Learning	
		/ Search	MODA: a Tutor Oriented odal and Contextual Emotional				
		Learning with Tag R	B1 – Supporting Collaborative earning with Tag Recommendations: Full		all Research Paper ohamed Ez Zaouia, Elise Lavoué		
				7C2 – Person-Centered Approach to Explore Learner's Emotionality in Learning within a 3D Narrative Game Short Research Paper			

2:20-2:50pm 2:50-4:20pm Session: 8A 2:50-4:20pm Session: 8B

Students at-Risk – Systems 8A1 - Guidance Counselor Reports of the Assistments College Prediction Model (ACPM) / Best Paper Nominee

(Wosk-Asia Pacific Hall)

Short Research Paper

Full Research Paper lyn Ocumpaugh, Ryan Baker, Stefan Slater, Maria Ofelia San Pedro, Neil Heffernan, Cristina Heffernan, Aaron

Risk Score Model in Excelsior's Student Open Online Courses ccess Center

Practitioner Presentation Lisa Daniels, Glenn Braddock

8A3 - Don't Call it a Comeback Academic Recovery and the Timing of Educational Technology Adoption / Best aper Nominee

Short Research Paper Michael Brown, Matt Demonbrun

Ryan Hubbard, Aldis Sipolins, Lin Zhou Short Research Paper

Short Research Paper fichal Huptych, Michal Bohuslavek, Martin Hlosta, Zdenek Zdrahal

7B2 - Classifying Help Seeking

Sebastian Cross, Zak Waters, Kirsty

7A3 - Strategy for recommendation sed on legacy VLE activity Kitto, Guido Zuccon

Short Research Paper

ster Emotion Regulation during Self-Regulated Learning with Advanced Learning Technologies: A Conceptual Short Research Paper

7B3 – Using Learning Analytics to Explo Help-Seeking Learner Profiles in MOOCs Roger Azevedo, Garrett Millar, Michelle Taub, Nicholas Mudrick, Amanda Linda Corrin, Paula G. de Barba, Aneesha Bakharia

Bradbury, Megan Price

Zhenhua Xu, Earl Woodruff

7C3 - Using Data Visualizations to

2:50-4:20pm Session: 8C

Afternoon Tea (Wosk-ICBC Concourse & Salon)

8B3 - From Prediction to Impact:

Gašević, Abelardo Pardo

(Wosk-420) (Wosk-320) Retention LA Adoption – Experiences 8B1 - Follow the Successful Crowd 8C1 - Developing a Strategy for the Raising MOOC Completion Rates Implementation of Learning Analytics through Social Comparison at Scale at the University of Strathclyde

Full Research Paper Practitioner Presentation Ainsley Hainey, Howard Ramsay, Brian Guanliang Chen, Claudia Hauff, Geert- Green, Helvn Gould, Scott Walker, Ian Houben 8B2 - Planning Prompts Increase and 8C2 - From the Trenches: Factors

Forecast Course Completion in Massive that Affected Learning Analytics Success with an Institution-Wide Michael Yeomans, Justin Reich Practitioner Presentation

8C3 – Strategies for Data and Learning Evaluation of a Learning Analytics Retention Program / Best Paper Nomi Analytics Informed National Education Policies: the Case of Uruguay Short Research Paper

Shane Dawson, Jelena Jovanovic, Dragan Short Research Paper Cecilia Aguerrebere, Cristóbal Cobo, Marcela Gomez, Matías Mateu

Jennifer Heath, David Fulcher

4:20-4:50pm Closing Session (Wosk-Asia Pacific Hall)