

Wed, 13 July	SHARED DAY 1: HYPERTEXT'2016 & UMAP'2016 UMAP 2016 Opening		
9:00 - 10:00	<p align="center"><b>HT Session: Recommender Systems</b> (1 full and 2 short papers) – Room 170 <b>Chair: Vincent Wade</b></p> <ul style="list-style-type: none"> <li>● <b>Assessing Review Recommendation Techniques under a Ranking Perspective</b> by Luciana Maroun, Mirella Moro, Jussara Almeida and Ana Paula Couto Da Silva</li> <li>● <b>Cross-System Recommendation: User-modelling via Social Media versus Self-Declared Preferences</b> by Sultan Alanazi, James Goulding and Derek McAuley</li> <li>● <b>A Fuzzy-Based Personalized Recommender System for Local Business</b> by Chun-Hua Tsai</li> </ul>		
10:00 - 10:30	Break – Room 150		
10:30 - 12:00	<p align="center">SHARED HT+ UMAP Keynote: <b>Hossein Derakhshan</b> – Room 170 <b>“Killing the Hyperlink, Killing the Web: the Shift from Library-Internet to Television-Internet”</b></p>		
12:00 - 13:15	Lunch – Room 150		
13:15 - 15:00	<p align="center"><b>UMAP Session 1: (7 full papers)</b> – Room 170 <b>Chair: Geert-Jan Houben</b></p> <ul style="list-style-type: none"> <li>● <b>Analyzing and Predicting Task Reminders</b> by David Graus, Paul Benett, Ryen White, Eric Horvitz</li> <li>● <b>Identifying Grey Sheep Users in Collaborative Filtering: a Distribution-Based Technique</b> by Benjamin Gras, Armelle Brun, Boyer Anne</li> <li>● <b>On the Value of Reminders within E-Commerce Recommendations</b> by Lukas Lerche, Dietmar Jannach, Malte Ludewig</li> <li>● <b>Automatic Teacher Modeling from Live Classroom Audio</b> by Patrick Donnelly and Nathaniel Blanchard; Borhan Samei and Andrew Olney; Xiaoyi Sun and Brooke Ward; Sean Kelly; and Sidney D'Mello</li> <li>● <b>Predicting Individual Differences for Learner Modeling in Intelligent Tutors from Previous Learner Activities</b> by Michael Eagle, Albert Corbett, John Stamper and Bruce McLaren and Ryan Baker</li> <li>● <b>Gender Differences in Facial Expressions of Affect During Learning</b> by Alexandria Vail and Joseph Grafsgaard; Kristy Elizabeth Boyer; Eric Wiebe and James Lester</li> <li>● <b>Reinforcement Learning: the Sooner the Better or the Later the Better?</b> by Shitian Shen and Min Chi</li> </ul>		
15:00 - 15:30	Break - Lobby		
15:30-17:00	<p align="center"><b>HT-UMAP Doctoral Consortium Session 1</b> <b>(Chair: Maria Bielikova)</b> Room 170</p> <ul style="list-style-type: none"> <li>● <b>Detecting Student Engagement: Human Versus Machine</b> by Nigel Bosch</li> <li>● <b>Adaptive Exercise Selection for an Intelligent Tutoring System</b> by Juliet Okpo</li> <li>● <b>Real-Time Recommendations in a Multi-Domain Environment</b> by Emanuel Lacic</li> <li>● <b>Deeper Knowledge Tracing by Modeling Skill Application Context for Better Personalized Learning</b> by Yun Huang, Peter Brusilovsky</li> <li>● <b>Open Social Learner Models for Self-Regulated Learning and Learning Motivation</b> by Julio Guerra, Peter Brusilovsky</li> </ul>	<p align="center"><b>HT-UMAP Doctoral Consortium Session 2</b> <b>(Chair: Panagiotis Germanakos)</b> Room 150</p> <ul style="list-style-type: none"> <li>● <b>Enhancing Personalized Document Ranking using Social Information</b> by Nawal Ould Ame</li> <li>● <b>Designing Culture-based Persuasive Technology to Promote Physical Activity among University Students</b> by Kiemute Oyibo</li> <li>● <b>An assessment towards adoption and diffusion of smart wearable technologies by consumers: the cases of smart watch and fitness wristband products</b> by Milad Dehghani</li> <li>● <b>Intelligent Nudging to Support Interactive Exploration of A Data Graph</b> by Marwan Al-Tawil</li> </ul>	<p align="center"><b>HT-UMAP Doctoral Consortium Session 3</b> <b>(Chair: Denis Parra)</b> Room 140</p> <ul style="list-style-type: none"> <li>● <b>Active Tweet Recommendation Based on User Interest Profiles</b> by Raheleh Makki Niri</li> <li>● <b>Twitter Analysis to Predict the Satisfaction of Telecom Company Customers</b> by Latifah Almuqren and Alexandra Cristea</li> <li>● <b>Towards Comprehensive User Modelling on the Social Web for Personalized Recommendations</b> by Guangyuan Piao and John G. Breslin</li> <li>● <b>Picture based approach to Group recommender systems in eTourism domain</b> by Amra Delic</li> <li>● <b>The New Challenges when Modeling Context through Diversity over Time in Recommender Systems</b> by Amaury L'Huillier, Sylvain Castagnos, Anne Boyer</li> </ul>

## UMAP POSTER RECEPTION Shrieff Hall (6385 South Street) in a different building on Campus

### Doctoral Consortium Papers

- All the papers from UMAP DC presented at the DC (listed above) present posters as well

### Doctoral Consortium Posters

- **Adaptive Literacy-Aware Integration of Learning Material** by Christian Grévisse.
- **Learning the Learner: User Modeling in Intelligent Computer Assisted Language Learning Systems** by David Alfter
- **Personalized Recommendation of Travel Itineraries based on Tourist Interests and Preferences** by Kwan Hui Lim.
- **Intelligent Authoring of Gamified Intelligent Tutoring Systems** by Diego Dermeval and Ig Bittencourt
- **Impact of characteristics of individuals on evaluating the quantitative studies** by Patrik Hlaváč, Jakub Šimko and Mária Bielíková.
- **A computational model of emotion and personality in e-learning environments** by Somayeh Fatahi and Hadi Moradi.
- **Improving E-Commerce User Experience with Data-Driven Personalized Persuasion & Social Network Analysis** by Ifeoma Adaji and Julita Vassileva.
- **A Bayesian User-Controllable Recommender System** by Jonathas Magalhães, Cleyton Souza, Evandro Costa and Joseana Fechine.

### Extended Abstracts

18:00 - 20:00

- **Exploring Music Diversity Needs Across Countries**- Bruce Ferwerda and Andreu Vall; Marko Tkalcic; Markus Schedl
- **An Experimental Study in Cross-Representation Mediation of User Models** - Federica Cena, Cristina Gena, Claudia Picardi
- **Analyzing MOOC Entries of Professionals in LinkedIn for User Modeling and Personalized MOOC Recommendations** - Guangyuan Piao, John G. Breslin
- **"Tell Me What You See, I Will Tell You What You Remember"** - Florian Marchal; Sylvain Castagnos; Anne Boyer
- **Where's Your Mind At? Facial Feature Based Mind Wandering Detection during Film Watching** - Angela Stewart, Nigel Bosch, Huili Chen, Patrick Donnelly, Sidney D'Mello
- **User-User Relationship Migration Observed in Communication Activity** - Shuhei Yamamoto; Noriko Kando; Tetsuji Satoh
- **Effective Recommendation with Category Hierarchy** - Zhu Sun; Guibing Guo; Jie Zhang
- **Modeling User Trajectories of Exploration and Boundary Testing in Learning Games** - V. Elizabeth Owen Gabriella Anton; Ryan Baker
- **Agent-Based Personalisation and User Modeling for Personalised Educational Games** - Marieke M.M. Peeters; Karel van den Bosch and Mark A. Neerincx; John-Jules Ch. Meyer
- **TBPR: Trinity Preference based Bayesian Personalized Ranking for Multivariate Implicit Feedback** - Huihuai Qiu; Jie Zhang; Guibing Guo; Haithanh Nguyen; Zhu Sun; Yun Liu
- **Modeling Community behavior through Semantic Analysis of Social Data: the Italian Hate Map Experience** - Cataldo Musto, Giovanni Semeraro, Marco De Gemmis, Pasquale Lops
- **From More-Like-This to Better-Than-This: Hotel Recommendations from User Generated Reviews** - Ruihai Dong; Barry Smyth
- **Internal & External Attributions for Emotions Within an ITS** - Naomi Wixon and Sarah Schultz; Kasia Muldner; Danielle Alessio; Beverly Park Woolf; Winslow Burleson; Ivon Arroyo

### Late-Breaking Results

- **User Personality and Chat Room Behavior in Synchronous Online Learning** - by Wen Wu, Li Chen, Qingchang Yang
- **Exploring Contingent Step Decomposition in a Tutorial Dialogue System** - by Pamela Jordan, Patricia Albacete, Sandra Katz
- **Individual and Comparison Open Learner Model Visualisations to Identify What to Work On Next** - by Susan Bull; Peter Brusilovsky; Julio Guerra; Rafael Araujo
- **What's Inside the Box? An Open Student Modeling Approach in a Museum Context** - by Diego Zapata-Rivera

### Posters

- **A Comparative Study of Visual Cues for Annotation-Based Navigation Support in Adaptive Educational Hypermedia** - by Roya Hosseini and Peter Brusilovsky
- **Multilingual Tagging Behaviour: the role of recommender systems** - by Angelina Ziesemer; Jamie Blustein; Milene Silveira
- **Diagnosis at Scale: Detecting the Expertise Level and Knowledge States of Lifelong Professional Learners**- by Oluwabukola Ishola and Gord McCalla
- **Personality profiling from text: language features tied to personality across corpora** - by William Wright and David Chin
- **Pupillary Response: Removing Screen Luminosity Effects for Clearer Implicit Feedback** - by Tomas Juhaniak, Patrik Hlaváč, Robert Moro, Jakub Simko, Maria Bielikova
- **Supporting Group Decision Making with Recommendations and Explanations** - by Thuy Ngoc Nguyen and Francesco Ricci

### Demo

- **CogniWin: An Integrated Framework to Support Older Adults at Work** - by David Portugal; Marios Belk; Sten Hanke; Markus Müllner-Rieder; Miguel Sales Dias; João Quinta; Christoph Glauser; Eleni Christodoulou; George Samaras; Mehdi Snene; Dimitri Konstantas

Drop-by the PowerPoint Karaoke Performance (Cash Bar) starting at 20:30 at NSCAD's Art Bar/Cabaret Voltaire (1873 Granville Street) - joint social event with HT'2016

Thu, 14 July	UMAP DAY 2	
9:00 - 10:00	Keynote: <b>Lada Adamic</b> , Facebook: “The Life and Times of Information in Networks” - Room 170	
10:00 - 10:30	Break – Room 140	
10:30 - 12:00	<p><b>UMAP Session 2: Social Web and Crowdsourcing</b> – (3 Full + 3 Short Papers) – Room 170  <b>Chair: Peter Brusilovsky</b></p> <ul style="list-style-type: none"> <li>• (F): <b>Gender Difference in the Credibility Perception of Mobile Websites: A Mixed Method Approach</b> by Kiemute Oyibo; Sahabi Ali; and Julita Vassileva</li> <li>• (F): <b>Personalizing Reminders to Personality for Melanoma Self-checking</b> by Kirsten Smith, Matt Dennis and Judith Masthoff</li> <li>• (F): <b>Harnessing Crowdsourced Recommendation Preference Data from Casual Gameplay</b> by Barry Smyth; Rachael Rafter and Sam Banks</li> <li>• (S): <b>Analyzing Aggregated Semantics-enabled User Modeling on Twitter and Google+ for Personalized Link Recommendations</b> by Guangyuan Piao and John G. Breslin</li> <li>• (S): <b>Modelling User Collaboration in Social Networks: A User Data Analytics Approach</b> by Ifeoma Adaji and Julita Vassileva</li> <li>• (S): <b>Predicting Customer Satisfaction in Customer Support Conversations in Social Media Using Affective Features</b> by Jonathan Herzig, Guy Feigenblat, Michal Shmueli-Scheuer, David Konopnicki and Anat Rafaeli</li> </ul>	
12:00 - 13:30	Lunch – Room 140	UM Inc Board Meeting
13:30 - 15:00	<p><b>UMAP Session 3: Adaptive &amp; Personalized Educational Systems &amp; RecSys</b> – (3 Full + 3 Short papers) – Room 170  <b>Chair: Robin Burke</b></p> <ul style="list-style-type: none"> <li>• (F): <b>On the Impact of Personality in Massive Open Online Learning</b> by Guanliang Chen; Daniel Davis; Claudia Hauff</li> <li>• (F): <b>Adaptive training environment without prior knowledge: Modeling feedback selection as a multi-armed bandit problem</b> by Rémy Frenoy, Yann Soullard, Indira Thouvenin, Olivier Gapenne</li> <li>• (F): <b>A Framework for Dynamic Knowledge Modeling in Textbook-Based Learning</b> by Yun Huang (University Of Pittsburgh); Michael Yudelson; Shuguang Han, Daqing He and Peter Brusilovsky</li> <li>• (S): <b>Modeling and Predicting User Actions in Recommender Systems</b> by Tural Gurbanov and Francesco Ricci; and Meinhard Ploner</li> <li>• (S): <b>An Eye-Tracking Study: Implication to Implicit Critiquing Feedback Elicitation in Recommender Systems</b> by Li Chen and Feng Wang</li> <li>• (S): <b>Tag-Enhanced Collaborative Filtering for Increasing Transparency and Interactive Control</b> by Tim Donkers, Benedikt Loepp and Jürgen Ziegler</li> </ul>	
15:00 - 15:30	Break + Posters – Room 140	
15:30 - 17:00	<b>Posters</b> [Sessions 1, 2 and 3 full and short papers poster presentations] - Room 150	
18:30 – 22:00	<b>UMAP2016 BANQUET (Mariott at the Harbour)</b>	

Fri, 15 July	UMAP DAY 3
9:00 - 10:00	Keynote: <b>Sandra Carberry</b> , University of Delaware: <b>“User Modeling: The Past, The Present and The Future”</b> – Room 170
10:00 - 10:30	Break – Room 140
10:30 - 12:00	<p><b>UMAP Session 4: Recommendation Systems 1</b> – (4 Full + 2 Short Papers) – Room 170 <b>Chair: Judith Masthoff</b></p> <ul style="list-style-type: none"> <li>• (F): <b>Eliciting Users' Attitudes toward Smart Devices</b> by Kai Zhan, Ingrid Zukerman, Masud Moshitaghi and Gwyneth Rees</li> <li>• (F): <b>Interactive Modelling of Concept Drift and Errors in Relevance Feedback</b> by Antti Kangasrääsiö and Yi Chen; Dorota Glowacka; and Samuel Kaski</li> <li>• (F): <b>Relating Newcomer Personality to Survival and Activity in Recommender Systems</b> by Raghav Pavan Karumur and Joseph Konstan</li> <li>• (F): <b>Plate and Prejudice: Gender Differences in Online Recipes</b> by Markus Rokicki and Eelco Herder; Tomasz Kuśmierczyk; and Christoph Trattner</li> <li>• (S): <b>Effect of Different Implicit Social Networks on Recommending Research Papers</b> by Shaikhah Alotaibi and Julita Vassileva</li> <li>• (S): <b>Trust Profiles Based on System Accuracy</b> by Kun Yu, Shlomo Berkovsky, Dan Conway, Ronnie Taib, Jianlong Zhou, Fang Chen</li> </ul>
12:00 - 13:30	Lunch – Room 140
13:30 - 15:00	<p><b>Session 5: Recommendation Systems 2</b> – (4 Full + 3 Short Papers) – Room 170 <b>Chair: Cristina Gena</b></p> <ul style="list-style-type: none"> <li>• (F): <b>Semantics-aware Graph-based Recommender Systems Exploiting Linked Open Data</b> by Cataldo Musto, Pasquale Lops, Pierpaolo Basile, Marco De Gemmis, Giovanni Semeraro</li> <li>• (F): <b>Feasibility-tailored recommendations for blood pressure management</b> by Mustafa Radha; Martijn Willemsen, Mark Boerhof, and Wijnand Ijsselsteijn</li> <li>• (F): <b>User-Oriented Context Suggestion</b> by Yong Zheng, Bamshad Mobasher and Robin Burke</li> <li>• (F): <b>Modeling Individual Users' Responsiveness to Maximize Recommendation Impact</b> by Masahiro Sato, Hidetaka Izumo, Takashi Sonoda</li> <li>• (S): <b>Recommendations with Optimal Combination of Feature-Based and Item-Based Preferences</b> by Mona Nasery; Matthias Braunhofer and Francesco Ricci</li> <li>• (S): <b>Moodplay: Interactive Affective-aware Music Discovery and Recommendation</b> by Ivana Andjelkovic; Denis Parra; John O'Donovan</li> <li>• (S): <b>Biases in Automated Music Playlist Generation: A Comparison of Next-Track Recommending Techniques</b> by Dietmar Jannach and Iman Kamehkhosh; Geoffray Bonnin</li> </ul>
15:00 - 15:30	Break + Posters [Sessions 4 and 5 full and short papers poster presentations]- Room 140
15:30 - 16:45	<b>Posters</b> [Sessions 4 and 5 full and short papers poster presentations] – Room 150
16:45 - 17:00	<b>UMAP 2016 Closing Session</b>

Sat, 16 July

UMAP Tutorials and Workshops

	Room 264	Room 266	Room 268	Room 140	Room 150	Room 170
9:00 –10:30	<b>Tutorial 1:</b> Semantic-Aware Techniques for Social Media Analysis, User Modeling, and Recommender Systems	<b>W1 IFUP</b> IFUP: Multi-dimension Information Fusion for Modeling and Personalisation	<b>W8 FuturePD</b> The future of personal data	<b>W5 HAAPIE</b> Human Aspects in Adaptive and Personalised Interactive Environments	<b>W7 EvalUMAP</b> Towards comparative evaluation in the user modelling, adaptation and personalization space	<b>W9 PALE</b> Personalization Approaches in Learning Environments
10:30 - 11:00	Break - Lobby					
11:00 - 12:30	<b>Tutorial 1:</b> Semantic-Aware Techniques (continued)	<b>W1 IFUP</b> (Half Day)	<b>W8 FuturePD</b> (Half Day)	<b>W5 HAAPIE</b> (Half Day)	<b>W7 EvalUMAP</b> (Full Day)	<b>W9 PALE</b> (Full Day)
12:30 - 13:30	Lunch - Lobby					
13:30 - 15:00	<b>Tutorial 2:</b> Games, gamification and personalization	<b>W2 INRA</b> News Recommendation and Analytics	<b>W4 SOAP</b> Surprise, Opposition, and Obstruction in Adaptive		<b>W7 EvalUMAP</b> (Full Day)	<b>W9 PALE</b> (Full Day)
15:00 - 15:30	Break - Lobby					
15:30- 17:00	<b>Tutorial 2:</b> Games, gamification and personalization	<b>W2 INRA</b> (Half Day)	<b>W4 SOAP</b> ... and Personalized Systems		<b>W7 EvalUMAP</b> (Full Day)	<b>W9 PALE</b> (Full Day)