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<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Chair/Authors</th>
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| 9:00 - 10:00| **HT Session: Recommender Systems** (1 full and 2 short papers) – Room 170                        | Room 170       | Vincent Wade, Lucasia Marou, Mirella Moro, Jussara Almeida, and Ana Paula Couto Da Silva, and Derek McAuley.  
|             | **Assessing Review Recommendation Techniques under a Ranking Perspective** by Luciana Marou, Mirella Moro, Jussara Almeida, and Ana Paula Couto Da Silva.  
|             | **Cross-System Recommendation: User-modelling via Social Media versus Self-Declared Preferences** by Sultan Alanazi, James Goulding, and Derek McAuley.  
|             | **A Fuzzy-Based Personalized Recommender System for Local Business** by Chun-Hua Tsai.           |                |                                                                                |
| 10:00 - 10:30| Break – Room 150                                                                                  | Room 150       |                                                                                |
| 10:30 - 12:00| **SHARED HT+ UMAP Keynote: Hossein Derakhshan** – Room 170                                       | Room 170       |                                                                                |
|             | **“Killing the Hyperlink, Killing the Web: the Shift from Library-Internet to Television-Internet”** |                |                                                                                |
| 12:00 - 13:15| **Lunch** – Room 150                                                                            | Room 150       |                                                                                |
| 13:15 - 15:00| **UMAP Session 1: (7 full papers) – Room 170**                                                    | Room 170       | Geert-Jan Houben, Benjamin Gras, Armelle Bruin, Dietmar Jannach, Malte Ludewig, Lukas Lerche, Patrick Donnelly, Nathaniel Blanchard, Borhan Samei, Andrew Olney, Xiaoyi Sun, Brooke Ward, Sean Kelly, and Sidney D'Mello.  
|             | **Analyzing and Predicting Task Reminders** by David Graus, Paul Benett, Ryan White, Eric Horvitz |                |                                                                                |
|             | **Identifying Grey Sheep Users in Collaborative Filtering: a Distribution-Based Technique** by Benjamin Gras, Armelle Bruin, Boyer Anne.  
|             | **On the Value of Reminders within E-Commerce Recommendations** by Lukas Lerche, Dietmar Jannach, Malte Ludewig.  
|             | **Automatic Teacher Modeling from Live Classroom Audio** by Patrick Donnelly, Nathaniel Blanchard, Borhan Samei, Andrew Olney, Xiaoyi Sun, and Brooke Ward.  
|             | **Predicting Individual Differences for Learner Modeling in Intelligent Tutors from Previous Learner Activities** by Michael Eagle, Albert Corbett, John Stamper, and Bruce McLaren.  
|             | **Gender Differences in Facial Expressions of Affect During Learning** by Alexandria Vail and Joseph Grafsgaard.  
|             | **Reinforcement Learning: the Sooner the Better or the Later the Better?** by Shitian Shen and Min Chi |                |                                                                                |
| 15:00 - 15:30| Break - Lobby                                                                                     |                |                                                                                |
| 15:30-17:00 | **HT-UMAP Doctoral Consortium Session 1** (Chair: Maria Bielikova) Room 170                     | Room 170       | Maria Bielikova, Juliet Okpo, Emanuel Lacic, Youn Huang, Peter Brusilovsky,  
|             | Detecting Student Engagement: Human Versus Machine by Nigel Bosch.  
|             | Adaptive Exercise Selection for an Intelligent Tutoring System by Juliet Okpo.  
|             | Real-Time Recommendations in a Multi-Domain Environment by Emanuel Lacic.  
|             | Deeper Knowledge Tracing by Modeling Skill Applica- tion Context for Better Personalized Learning by Yun Huang, Peter Brusilovsky.  
|             | Open Social Learner Models for Self-Regulated Learning and Learning Motivation by Julio Guerra, Peter Brusilovsky.  
|             | **HT-UMAP Doctoral Consortium Session 2** (Chair: Panagiotis Germanakos) Room 150               | Room 150       | Panagiotis Germanakos, Paul Benett, Ryan White, Eric Horvitz, Benjamin Gras, Armelle Bruin, Boyer Anne.  
|             | Enhancing Personalized Document Ranking using Social Information by Nawal Ould Ame.  
|             | Designing Culture-based Persuasive Technology to Promote Physical Activity among University Students by Kiemute Oyibo.  
|             | An assessment towards adoption and diffusion of smart wearable technologies by consumers: the cases of smart watch and fitness wristband products by Milad Dehghani.  
|             | Intelligent Nudging to Support Interactive Exploration of A Data Graph by Marwan Al-Tawil.      |                |                                                                                |
|             | **HT-UMAP Doctoral Consortium Session 3** (Chair: Denis Parra) Room 140                         | Room 140       | Denis Parra, Paul Benett, Ryan White, Eric Horvitz, Benjamin Gras, Armelle Bruin, Boyer Anne.  
|             | Active Tweet Recommendation Based on User Interest Profiles by Raheleh Makki Niri.  
|             | Twitter Analysis to Predict the Satisfaction of Telecom Company Customers by Latifah Almuqren and Alexandra Cristea.  
|             | Picture based approach to Group recommender systems in eTourism domain by Amra Delic.  
|             | The New Challenges when Modeling Context through Diversity over Time in Recommender Systems by Amaury L’Huillier, Sylvain Castagnos, Anne Boyer.  
|             |                                                                                |                |                                                                                |
Doctoral Consortium Papers

- All the papers form 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 Bieliková.
- 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, Ceylon Souza, Evandro Costa and Joseana Fechine.

Extended Abstracts

- 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, Hui Li 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. Neerinckx; 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 Allessio; 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
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<tr>
<td>9:00 - 10:00</td>
<td>Keynote: Lada Adamic, Facebook: “The Life and Times of Information in Networks” - Room 170</td>
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<tr>
<td>10:00 - 10:30</td>
<td>Break – Room 140</td>
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| 10:30 - 12:00| UMAP Session 2: Social Web and Crowdsourcing – (3 Full + 3 Short Papers) – Room 170  
Chair: Peter Brusilovsky |
| 12:00 - 13:30| Lunch – Room 140                                                      |
| 13:30 - 15:00| UMAP Session 3: Adaptive & Personalized Educational Systems & RecSys – (3 Full + 3 Short papers) – Room 170  
Chair: Robin Burke |
| 15:00 - 15:30| Break + Posters – Room 140                                           |
| 15:30 - 17:00| Posters [Sessions 1, 2 and 3 full and short papers poster presentations] - Room 150 |
| 18:30 – 22:00| UMAP2016 BANQUET (Mariott at the Harbour)                             |
Keynote: **Sandra Carberry**, University of Delaware:  

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| 10:00 - 10:30 | UMAP Session 4: Recommendation Systems 1 – (4 Full + 2 Short Papers) – Room 170  
*Chair: Judith Masthoff*  
- (F): *Eliciting Users’ Attitudes toward Smart Devices* by Kai Zhan, Ingrid Zukerman, Masud Moshitagli and Gwyneth Rees  
- (F): *Interactive Modelling of Concept Drift and Errors in Relevance Feedback* by Antti Kangasrääsiö and Yi Chen; Dorota Glowacka; and Samuel Kaski  
- (F): *Relating Newcomer Personality to Survival and Activity in Recommender Systems* by Raghav Pavan Karumur and Joseph Konstan  
- (F): *Plate and Prejudice: Gender Differences in Online Recipes* by Markus Rokicki and Eelco Herder; Tomasz Kuśmierczyk; and Christoph Trattner  
- (S): *Effect of Different Implicit Social Networks on Recommending Research Papers* by Shaikhah Alotaibi and Julita Vassileva  
- (S): *Trust Profiles Based on System Accuracy* by Kun Yu, Shlomo Berkovsky, Dan Conway, Ronnie Taib, Jianlong Zhou, Fang Chen |
| 10:30 - 12:00 | Lunch – Room 140                                                      |
| 12:00 - 13:30 | Session 5: Recommendation Systems 2 – (4 Full + 3 Short Papers) – Room 170  
*Chair: Cristina Gena*  
- (F): *Semantics-aware Graph-based Recommender Systems Exploiting Linked Open Data* by Cataldo Musto, Pasquale Lops, Pierpaolo Basile, Marco De Gemmis, Giovanni Semeraro  
- (F): *Feasibility-tailored recommendations for blood pressure management* by Mustafa Radha; Martijn Willemsen, Mark Boerhof, and Wijnand Ijsselsteijn  
- (F): *User-Oriented Context Suggestion* by Yong Zheng, Bamshad Mobasher and Robin Burke  
- (F): *Modeling Individual Users’ Responsiveness to Maximize Recommendation Impact* by Masahiro Sato, Hidetaka Izumo, Takashi Sonoda  
- (S): *Recommendations with Optimal Combination of Feature-Based and Item-Based Preferences* by Mona Nasery; Matthias Braunhofer and Francesco Ricci  
- (S): *Moodplay: Interactive Affective-aware Music Discovery and Recommendation* by Ivana Andjelkovic; Denis Parra; John O'Donovan  
- (S): *Biases in Automated Music Playlist Generation: A Comparison of Next-Track Recommending Techniques* by Dietmar Jannach and Iman Kamekhosh; Geoffray Bonnin |
<p>| 13:30 - 15:00 | Break + Posters [Sessions 4 and 5 full and short papers poster presentations] - Room 140 |
| 15:30 - 16:45 | Posters [Sessions 4 and 5 full and short papers poster presentations] – Room 150 |
| 16:45 - 17:00 | UMAP 2016 Closing Session |</p>
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<th>Room 140</th>
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<tr>
<td>9:00 – 10:30</td>
<td><strong>Tutorial 1:</strong> Semantic-Aware Techniques for Social Media Analysis, User Modeling, and Recommender Systems</td>
<td><strong>W1 IFUP</strong> IFUP: Multidimension Information Fusion for Modeling and Personalisation</td>
<td><strong>W8 FuturePD</strong> The future of personal data</td>
<td><strong>W5 HAAPIE</strong> Human Aspects in Adaptive and Personalised Interactive Environments</td>
<td><strong>W7 EvalUMAP</strong> Towards comparative evaluation in the user modelling, adaptation and personalization space</td>
<td><strong>W9 PALE</strong> Personalisation Approaches in Learning Environments</td>
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<td>10:30 - 11:00</td>
<td>Break - Lobby</td>
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<td>11:00 - 12:30</td>
<td><strong>Tutorial 1:</strong> Semantic-Aware Techniques (continued)</td>
<td><strong>W1 IFUP</strong> (Half Day)</td>
<td><strong>W8 FuturePD</strong> (Half Day)</td>
<td><strong>W5 HAAPIE</strong> (Half Day)</td>
<td><strong>W7 EvalUMAP</strong> (Full Day)</td>
<td><strong>W9 PALE</strong> (Full Day)</td>
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<td>13:30 - 15:00</td>
<td><strong>Tutorial 2:</strong> Games, gamification and personalization</td>
<td><strong>W2 INRA</strong> News Recommendation and Analytics</td>
<td><strong>W4 SOAP</strong> Surprise, Opposition, and Obstruction in Adaptive</td>
<td><strong>W7 EvalUMAP</strong> (Full Day)</td>
<td><strong>W9 PALE</strong> (Full Day)</td>
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<td><strong>W4 SOAP</strong> ... and Personalized Systems</td>
<td><strong>W7 EvalUMAP</strong> (Full Day)</td>
<td><strong>W9 PALE</strong> (Full Day)</td>
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