### Monday
Oct. 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>8:00-9:00</td>
<td>Registration (Foyer)</td>
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<tr>
<td>9:00-9:30</td>
<td>W1: RecSysAB</td>
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<tr>
<td>9:30-10:00</td>
<td>T1: The Recommender Problem Revisited</td>
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<tr>
<td>10:00-10:30</td>
<td>W2: RSWeb</td>
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<tr>
<td>10:30-11:00</td>
<td>W4: IntRS</td>
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<tr>
<td>11:00-11:30</td>
<td>W5: CBRecSys</td>
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<td>11:30-12:00</td>
<td>W1: RecSysAB (cont.)</td>
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<tr>
<td>12:00-12:30</td>
<td>T2: Personalized Location Rec. on Loc. Based Social Networks</td>
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<td>12:30-13:00</td>
<td>W2: RSWeb (cont.)</td>
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<td>13:00-13:30</td>
<td>W4: IntRS (cont.)</td>
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<td>13:30-14:00</td>
<td>W5: CBRecSys (cont.)</td>
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<tr>
<td>14:00-14:30</td>
<td>Lunch break</td>
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<tr>
<td>14:30-15:00</td>
<td>W3: CrowdRec</td>
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<td>15:00-15:30</td>
<td>W4: IntRS (cont.)</td>
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<td>15:30-16:00</td>
<td>W5: CBRecSys (cont.)</td>
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<tr>
<td>16:00-16:30</td>
<td>T3: Cross-Domain Recommender Systems</td>
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<td>16:30-17:00</td>
<td>W3: CrowdRec (cont.)</td>
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<td>17:00-17:30</td>
<td>W4: IntRS (cont.)</td>
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<td>W5: CBRecSys (cont.)</td>
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### Locations
- **Syracuse**
- **Alexandria**
- **Balboa**
- **Marco Polo**
- **Bayview**

*Marco Polo and Yale are 1 min. and Bayview 4 mins. away from Alexandria, Balboa, Columbus and Drake.*
<table>
<thead>
<tr>
<th>Time</th>
<th>Tuesday Oct 7</th>
<th>Wednesday Oct 8</th>
<th>Thursday Oct 9</th>
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<tbody>
<tr>
<td>8:30-9:00</td>
<td>Keynote 1: Neil Hunt</td>
<td>Break</td>
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<td>TS 5. Diversity, Novelty and Serendipity</td>
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<td>12:00-12:30</td>
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<td>Industry Session II: Offbeat</td>
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<td>12:30-13:00</td>
<td>Lunch Break</td>
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<td>Keynote 2: Jeff Dean</td>
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<td>Industry Session III: Panel Discussion</td>
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<tr>
<td>18:00-18:15</td>
<td>TS 3. Cold Start and Hybrid Recommenders</td>
<td>Posters/Demo session Setup</td>
<td>Closing and Sneak Peak at RecSys 2015</td>
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<tr>
<td>18:15-18:30</td>
<td>Buses depart for Computer History Museum</td>
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<tr>
<td>18:30-19:00</td>
<td>Reception at Computer History Museum</td>
<td>TS 6. Recommendation Methods and Theory</td>
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<td>19:00-22:00</td>
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- **Columbus/Drake**
- **Alexandria/Balboa**

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**Friday Oct 10**

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<tr>
<th>Time</th>
<th>W6: RecSys Challenge</th>
<th>W8: RecSysTV</th>
<th>W9: LSRS</th>
<th>Doctoral Symposium</th>
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<td>W9: LSRS (cont.)</td>
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<td>W7: REDD (cont.)</td>
<td>W8: RecSysTV (cont.)</td>
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**Syracuse | Alexandria | Balboa | Yale**

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**Tuesday’s Reception sponsored by Netflix**

**Wednesday’s Banquet sponsored by LinkedIn**
It is our great pleasure to welcome you to the 8th ACM Conference on Recommender Systems (RecSys 2014) held between October 6th and 10th in Foster City, Silicon Valley, U.S.A.. The annual RecSys conference is the premier international forum that brings together researchers and practitioners from academia and industry to share their challenges, research results, and experiences in the broad field of recommender systems. Recsys 2014 features keynote talks, research paper presentations, industry sessions, poster sessions, workshops, tutorials, demonstrations, a doctoral symposium, and the Recsys Challenge.

The success of a conference largely depends on the quality of the submitted works. We would like to take this opportunity to thank all the authors for submitting their original research to Recsys 2014. The Recsys conference has seen remarkable growth since its inception as “ Recommenders 06 Summer School on the Present and Future of Recommender Systems”. It has evolved into a full-fledged, top research conference since 2007, underscoring the increasing role and significant challenges related to recommender systems. This year we received a record number of 234 submissions and accepted 35 long papers for oral presentation (acceptance rate 23%) and 20 short papers for poster presentation (acceptance rate 24%).

The RecSys conference is driven by real-world challenges. The key topics covered in this year’s research program include ranking and top-n recommendations (7.5% of papers), matrix factorization (5.6%), cold start (5.6%), implicit feedback (4.3%), context awareness (3.6%), metrics and evaluation (3.5%), novel applications (2.9%), and more.

The quality of a conference program also depends on the competence and hard work of its devoted volunteers. To select the 55 accepted papers out of the initial 234 submissions, this year, we implemented a two-tier review process, where each paper received detailed reviews from three program committee members, followed by a meta-review by a senior program committee member. Our entire committee involved 20 senior and 102 regular...
Program Committee members. We are extremely grateful to all the PC members for volunteering their time to generate more than 900 detailed and insightful reviews and discussions.

In addition to the technical paper program, the program provides a diverse array of exciting venues for our attendees to interact with top experts from academia and industry on topics related to recommender systems. We are very fortunate to have three world-class keynote speakers this year spanning industry and academia, providing inspirational talks on cutting-edge challenges and directions in the field. We also feature an industry program capitalizing on being located in Silicon Valley’s backyard. The invited industry speakers include renowned executives from top Silicon Valley companies, and representatives of new age companies using Recommender Systems in unique and disruptive ways. In addition, this year’s program will host an industry panel discussing the topic of using smart systems monitoring and guiding our socio-digital experience. Our poster and demonstration event showcases numerous posters and nine live system demonstrations. Before and after the main conference, four tutorials and nine workshops will be held, including the RecSys Challenge. In addition, nine students were selected and invited to participate in the doctoral symposium of the conference.

Last but not least, we thank all sponsors, who form a very important part of the conference, and our colleagues who volunteered their time during the past year to make this conference a success. This conference would not happen without the hard work and devotion from the members of our organizing committee. We would like to extend our special thanks to all of them.

Please join us at Recsys-2014 to see, experience, and share exciting new research results, state-of-the-art practices, and high impact applications in recommender systems. We hope that you will find our program exciting and thought-provoking, and that this conference will provide you with the valuable opportunity to meet and interact with leading researchers and practitioners from institutions around the world.
Quantifying the value of better recommendations
Neil Hunt (Netflix, USA)
Moderator: Martin Ester
Tuesday Oct. 7, 9:15-10:30, Columbus/Drake

Recommender systems that are used to help users discover interesting content - for example: music or video - seek to improve the efficiency with which users engage with the content. How should we think about the value delivered? Is it about finding hidden gems that might otherwise not be discovered, or about shortening the time browsing to find something acceptable, or improving the appropriateness of a title within a specific search time, or something else? And how much value is delivered - are sophisticated systems worth the cost? Are real-time recommendations more useful than off-line precomputed recommendations, and if so, how much more is worth spending?

Large Scale Machine Learning for Predictive Tasks
Jeff Dean (Google Inc., USA)
Moderator: Michelle Zhou
Wednesday Oct. 8, 13:30-14:45, Columbus/Drake

In this talk, Jeff will discuss work that he and his collaborators have done over the past few years in using very large deep neural networks to solve a variety of problems across many different domains. He will give a general overview of the types of approaches they have used, and discuss the parallelization strategies that they use for training and using these models. He will also discuss ways in which some of these models can be used for a variety of predictive tasks, and how they might be applied to personalization and recommendation systems.

Thoughts on the Future of Recommender Systems
Hector Garcia-Molina (Stanford University, USA)
Moderator: Alfred Kobsa
Thursday Oct. 9, 13:30-14:45, Columbus/Drake

In this talk, Hector will explain why as a user he is not happy with current recommender systems. Then he will discuss some research directions that might address some of the shortcomings. In making the case, he will discuss his experience with two systems he has been involved with, CourseRank and DataSift.
Hybridisation Techniques for Cold-Starting Context-Aware Recommender Systems  
Matthias Braunhofer

Moving beyond Linearity and Independence in Top-N Recommender Systems  
Evangelia Christakopoulou

Enhancing Personalization and Learner Engagement through Context-aware Recommendation in TEL  
Betty Mayeku

Improving Recommender Systems: User Roles and Lifecycles  
Tien T. Nguyen

Modeling the Effect of People’s Preferences and Social Forces on Adopting and Sharing Items  
Amit Sharma

Choicla: Towards Domain-Independent Decision Support for Groups of Users  
Martin Stettinger

Weighted Hybrid Recommendation for Heterogeneous Networks  
Fatemeh Vahedian

Browser-Oriented Universal Cross-Site Recommendation and Explanation based on User Browsing Logs  
Yongfeng Zhang

Deviation-based and Similarity-based Contextual SLIM Recommendation Algorithms  
Yong Zheng
WORKSHOPS & TUTORIALS

WORKSHOPS
Monday Oct. 6 & Friday Oct. 10, 9:00-17:30

W1. RecSysAB: Controlled Experimentation in Recommendations, Ranking & Response Prediction
Ya Xu (LinkedIn), Rajesh Parekh (Groupon), Juliette Aurisset (Netflix)
http://data.linkedin.com/recsys14-workshop-controlled-experimentation
Monday Oct. 6, 9.00-12.30, Syracuse

W2. RSWeb: Recommender Systems and the Social Web
Dietmar Jannach (Department of Computer Science, TU Dortmund, Germany), Jill Freyne (CSIRO ICT Center, Australia), Werner Geyer (IBM Research, Cambridge, USA), Ido Guy (IBM Research, Haifa, Israel), Andreas Hotho (Universität of Wuerzburg, Germany), Bamshad Mobasher (School of Computing, DePaul University, USA)
http://is13-www.cs.uni-dortmund.de/homepage/rsweb2014
Monday Oct. 6, 9.00-13.00, Balboa

W3. CrowdRec: Crowdsourcing and Human Computation for Recommender Systems
Paolo Cremonesi (Politecnico di Milano, Italy), Alexandros Karatzoglou (Telefonica Research, Spain), Martha Larson (Delft University of Technology, Netherlands)
http://crowdrecworkshop.org
Monday Oct. 6, 14.00-17.30, Balboa

W4. IntRS: Interfaces and Human Decision Making for Recommender Systems
Nava Tintarev (University Of Aberdeen, UK), John O'Donovan (University of California, Santa Barbara, USA), Peter Brusilovsky (University of Pittsburgh, USA), Alexander Felfernig (Graz University of Technology, Austria), Giovanni Semeraro (University of Bari Aldo Moro, Italy), Pasquale Lops (University of Bari Aldo Moro, Italy)
http://recex.ist.tugraz.at/intrs2014/
Monday Oct. 6, 9.00-17.30, Marco Polo

W5. CBRecSys: New Trends in Content-based Recommender Systems
Toine Bogers (Aalborg University Copenhagen, Denmark), Marijn Koolen (University of Amsterdam, the Netherlands), Ivan Cantador (Universidad Autonoma de Madrid, Spain)
http://ir.ii.uam.es/cbrecsys2014
Monday Oct. 6, 9.00-17.30, Bayview

Alan Said (CWI, The Netherlands), Simon Dooms (Ghent University, Belgium), Babak Loni (TU Delft, The Netherlands), Domonkos Tikk (Gravity R&D, Hungary)
http://2014.recsyschallenge.com
Friday Oct. 10, 9.00-12.30, Syracuse
W7. REDD: Recommender Systems Evaluation: Dimensions and Design
Panagiotis Adamopoulos (New York University, USA), Alejandro Bellogín (Universidad Autónoma de Madrid, Spain), Pablo Castells (Universidad Autónoma de Madrid, Spain), Paolo Cremonesi (Politecnico di Milano, Italy), Harald Steck (Netflix, USA)
http://ir.ii.uam.es/redd2014/
Friday Oct. 10, 14.00-17.30, Syracuse

W8. RecSysTV: Recommendation Systems for Television and Movies
Danny Bickson (Graphlab Inc., Seattle, WA), John Hannon (Boxfish, Palo Alto, CA), Jan Neumann, Hassan Sayyadi (Comcast Labs, Washington, DC)
http://www.recsystv.org
Friday Oct. 10, 9.00-17.30, Alexandria

W9. LSRS: Large Scale Recommender Systems: Research and Best Practice
Tao Ye (Pandora), Qiang Yan (Taobao), Danny Bickson (GraphLab Inc.)
https://sites.google.com/site/lsrsworkshop2014
Friday Oct. 10, 9.00-17.30, Balboa

TUTORIALS

Monday Oct. 6, 9:00-17:30, Alexandria

T1. The Recommender Problem Revisited
Xavier Amatriain (Netflix Inc., USA)
Monday Oct. 6, 9:00-10:30, Alexandria

T2. Personalized Location Recommendation on Location-based Social Networks
Huiji Gao, Jiliang Tang, Huan Liu (Arizona State University, USA)
Monday Oct. 6, 11:00-12:30, Alexandria

T3. Cross-Domain Recommender Systems
Ivan Cantador (Universidad Autónoma de Madrid, Spain), Paolo Cremonesi (Politecnico di Milano, Italy)
Monday Oct. 6, 14:00-15:30, Alexandria

T4. Social Recommender Systems
Ido Guy (Yahoo! Labs), Werner Geyer (IBM Research)
Monday Oct. 6, 16:00-17:30, Alexandria
Presentation times are uniform: 20 minutes per paper including Q&A

Session 1: Novel Applications
Chair: Alex Tuzhilin
Tuesday Oct 7, 11:00-12:30, Columbus/Drake

LinkedIn Skills: Large-Scale Topic Extraction and Inference
Mathieu Bastian, LinkedIn; Matthew Hayes, LinkedIn; William Vaughan, LinkedIn; Sam Shah,; Peter Skomoroch,; Sal Uryasev, LinkedIn; Hyungjin Kim, LinkedIn; Christopher Lloyd, LinkedIn

Automating Readers’ Advisory to Make Book Recommendations for K-12 Readers
Maria Pera, Brigham Young University; Yiu-Kai Ng, Brigham Young University

Exploiting Sentiment Homophily for Link Prediction
Guangchao Yuan, NC State University; Pradeep Murukannaiah, NC State University; Zhe Zhang, NC State University; Munindar Singh, NC State University

A Robust Model for Paper-Reviewer Assignment
Xiang Liu, New York University; Torsten Suel, New York University; Nasir Memon, New York University

Session 2: Novel Setups
Chair: Damonkos Tikk
Tuesday Oct 7, 14:00-15:45, Columbus/Drake

2.1. Context Aware
Factored MDPs for Detecting Topics of User Sessions
Maryam Tahvildar, TU Darmstadt; Ulf Breßfeld, TU Darmstadt

Context Adaptation in Interactive Recommender Systems
Negar Hariri, DePaul University; Bamshad Mobasher, DePaul University; Robin Burke, DePaul University

Question Recommendation with Constraints for Massive Open Online Courses
Diyi Yang, Carnegie Mellon University; David Adamson, Carnegie Mellon University; Carolyn Rose, Carnegie Mellon University

2.2. Privacy & Security
Attacking Item-Based Recommender Systems with Power Items
Carlos Seminario, UNC Charlotte ; David Wilson, University of North Carolina at Charlotte

Recommending with an Agenda: Active Learning of Private Attributes using Matrix Factorization
Smruti Bhagat, Technicolor; Udi Weinsberg, Technicolor; Stratis Ioannidis, Technicolor; Nina Taft, Technicolor

Session 3: Cold Start and Hybrid Recommenders
Chair: Joe Konstan
Tuesday Oct 7, 16:15-18:00, Columbus/Drake

Ensemble Contextual Bandits for Personalized Recommendation
Liang Tang, Florida International University; Yexi Jiang, Florida International University; Lei Li, Florida International University; Tao Li, Florida International University
Cold-start News Recommendation with Domain-dependent Browse Graph
Michele Trevisiol, Universitat Pompeu Fabra; Luca Maria Aiello, Yahoo Labs; Rossana Schifanella, University of Torino; Alejandro Jaimes, Yahoo Research

Item Cold-Start Recommendations: Learning Local Collective Embeddings
Martin Saveski, Yahoo Labs; Amin Mantrach, Yahoo Labs

Improving The Discriminative Power Of Inferred Content Information Using Segmented Virtual Profile
Hashan Liu, LinkedIn Corporation; Anuj Goyal, LinkedIn Corporation; Trevor Walker, LinkedIn Corporation; Anmol Bhasin, LinkedIn Corporation

Ratings Meet Reviews, a Combined Approach to Recommend
Guang Ling, The Chinese University of Hong Kong; Michael Lyu, The Chinese University of Hong Kong; Irwin King, The Chinese University of Hong Kong

Session 4: Metrics and Evaluation
Chair: Pablo Castells
Wednesday Oct 8, 8:30-10:00, Columbus/Drake

Beyond Clicks: Dwell Time for Personalization
Xing Yi, Yahoo Labs; Liangjie Hong, Yahoo Labs; Erheng Zhong, Yahoo Labs; Nathan Jiu, Yahoo Labs; Suju Rajan, Yahoo Labs

Evaluating Recommender Behavior For New Users
Daniel Kluver, University of Minnesota; Joseph Konstan, University of Minnesota

Comparative Recommender System Evaluation: Benchmarking Recommendation Frameworks
Alan Said, TU Delft; Alejandro Bellogin, Universidad Autónoma de Madrid

Social Influence Bias in Recommender Systems: A Methodology for Learning, Analyzing, and Mitigating Bias in Ratings
Sanjay Krishnan, University of California Berkeley; Jay Patel, University of California Berkeley; Michael Franklin, University of California, Berkeley; Ken Goldberg, University of California Berkeley

Session 5: Diversity, Novelty and Serendipity
Chair: Dietmar Jannach
Wednesday Oct 8, 10:30-12:00, Columbus/Drake

Improving Sales Diversity by Recommending Users to Items
Saúl Vargas, Universidad Autónoma de Madrid; Pablo Castells, Universidad Autónoma de Madrid

On Over-Specialization and Concentration Biases of Recommendations: Probabilistic Neighborhood Selection in Collaborative Filtering Systems
Panagiotis Adamopoulos, New York University; Alexander Tuzhilin, NYU

User Perception of Differences in Movie Recommendation Algorithms
Michael Ekstrand, University of Minnesota; F. Maxwell Harper, University of Minnesota; Martijn Willemsen, Eindhoven University of Technology; Joseph Konstan, University of Minnesota

Offline and Online Evaluation of News Recommender Systems at swissinfo.ch
Florent Garcin, EPFL; Boi Faltings, EPFL; Olivier Donatsch, swissinfo.ch; Ayar Alazzaw, swissinfo.ch; Christophe Brutin, swissinfo.ch; Amr Huber, swissinfo.ch
Session 6: Recommendation Methods and Theory  
*Chair: Alexander Felfernig*  
Wednesday Oct 8, 16:30-18:00, Columbus/Drake

- Unifying Nearest Neighbors Collaborative Filtering  
  Koen Verstrepen, University of Antwerp; Bart Goethals, University of Antwerp

- Recommending User Generated Item Lists  
  Yidan Liu, University of British Columbia; Min Xie, University of British Columbia; Laks V.S. Lakshmanan,

- Question Recommendation for Collaborative Question Answering Systems with RankSLDA  
  Jose San Pedro, Telefonica Research; Alexandros Karatzoglou, Telefonica Research

- Bayesian Binomial Mixture Model for Collaborative Prediction With Non-Random Missing Data  
  Yong-Dek Kim, POSTECH; Seungjin Choi, POSTECH

Session 7: Ranking and Top-N Recommendation  
*Chair: George Karypis*  
Thursday Oct 9, 8:30-10:00, Columbus/Drake

- Coverage, Redundancy and Size-Awareness in Genre Diversity for Recommender Systems  
  Saúl Vargas, Universidad Autónoma de Madrid; Linas Baltrunas, Telefonica Research; Alexandros Karatzoglou,  
  Telefonica Research; Pablo Castells, Universidad Autónoma de Madrid

- Towards a Dynamic Top-N Recommendation Framework  
  Xin Liu, EPFL

- Explore-Exploit in Top-N Recommender Systems via Gaussian Processes  
  Hastagiri Prakash Vanchinathan, ETH Zurich; Isidor Nikolic, Microsoft Zurich; Fabio De Bona, Google Zurich; Andreas  
  Krause, ETH Zurich

- A Parameter-free Algorithm for an Optimized Tag Recommendation List Size  
  Modou Gueye, UCAD; Télécom ParisTech; Tatisi Abdessalem, Telecom ParisTech; Hubert Naacke, UPMC

Session 8: Matrix Factorization  
*Chair: Harald Steck*  
Thursday Oct 9, 16:15-18:00, Columbus/Drake

- GASGD: Stochastic Gradient Descent for Distributed Asynchronous Matrix Completion via Graph  
  Partitioning  
  Fabio Petroni, University of Rome “La Sapienza”; Leonardo Querzoni, University of Rome “La Sapienza”

- A Framework for Matrix Factorization based on General Distributions  
  Josef Bauer, KU Eichstaett-Ingolstadt; Alexandros Nanopoulos, KU Eichstaett-Ingolstadt

- Speeding Up the Xbox Recommender System Using a Euclidean Transformation for Inner-Product  
  Spaces  
  Yoram Bachrach, Microsoft; Yehuda Finkelstein; Ran Gilad-Bachrach; Liran Katzir, Technion; Noam Koenigstein,  
  Tel-Aviv University; Nir Nee, Microsoft; Ulrich Paquet, Microsoft.

- Gradient Boosting Factorization Machines  
  Chen Cheng, The Chinese University of Hong; Fen Xia; ; Tong Zhang, ; Irwin King, The Chinese University of Hong Kong;  
  Michael Lyu, The Chinese University of Hong Kong

- Exploiting temporal influence in online recommendation  
  Robert Pelovics, MTA SZTAKI; Andras Benczur, MTA SZTAKI; Tamás Kiss, MTA SZTAKI; Levente Kocsis, MTA SZTAKI;  
  Erzsebet Frigo, MTA SZTAKI
Industry Session I: Mainstream
Wednesday Oct 8, 14:45-16:00, Columbus/Drake

A/B testing for Recommendations @ LinkedIn
Ya Xu (Staff Applied Researcher at LinkedIn)

Recommend a Facebook page to people
Bradley Green (Engineering Manager, Feed Ranking at Facebook)

Personalized Facebook feed ranking
David Vickrey (Research Scientist at Facebook)

Making Advertising Personal
Pierre-Emmanuel Mazaré (R&D Lead Software Engineer at Criteo)

Industry Session II: Offbeat
Thursday Oct 9, 10:30-12:00, Columbus/Drake

Deep Learning for predicting climate patterns
Erik Andrejko (Director of Science @ Climate Corporation)

Virtual Personal Shopping Assistants
Manu Sharma (VP of Growth & Data Science at Shopkick)

Blending human computing and Recommender Systems for personalized style recommendations
Eric Colson (Chief Algorithms Officer @ Stitchfix)

Next generation User Interfaces
Margeigh Novotny (Principal UX Manager, IPE Design / New Experiences & Technologies at Microsoft)

Industry Session III: Panel Discussion
Moderators: Xavier Amatriain (Netflix), Daniel Tunkelang (LinkedIn)
Thursday Oct 9, 14:45-15:45, Columbus/Drake

Controversial Questions About Personalization

Eric Bieschke, Pandora
Joaquin Delgado, Oncue/Verizon
Pankaj Gupta
Tim Jones, Upworthy
Wednesday Oct 8, 19:00-22:00, Alexandria/Balboa

POSTERS

Estimating the Value of Multi-Dimensional Data Sets in Context-based Recommender Systems
Panagiotis Adamopoulos, New York University; Alexander Tuzhilin, Stern School of Business, New York University

The Role of Prior Experience in User’s Engagement with a New Recommender System
Marcelo Gabriel Armentano, ISISTAN (CONICET/UNICEN); Silvia Schiaffino, ISISTAN (CONICET/UNICEN); Analia Amandi, ISISTAN (CONICET/UNICEN)

Diversified Utility Maximization for Recommendation
Azin Ashkan, Technicolor Labs; Branislav Kveton, Technicolor Labs; Shlomo Berkovsky, NICTA; Zheng Wen, Stanford University

Recommending Learning Materials to Students by Identifying their Knowledge Gaps
Konstantin Bauman, Stern School of Business, New York University; Alexander Tuzhilin, Stern School of Business, New York University

Engaging Learners in an Enterprise L&K System
Yi-Min Chee, IBM Research; Wesley Gifford, IBM Research; Ashish Jagmohan, IBM Research; Anshul Sheopuri, IBM Research; John Ambrose, Skillssoft; Sue Rodeman, Skillssoft; Shota Aki, Skillssoft

Learning to Measure Quality of Queries for Automatic Query Suggestion
Xian Chen, Konkuk University; Hyoseop Shin, Konkuk University

Improving IMDb Movie Recommendations with Interactive Settings and Filters
Simon Dooms, iMinds-Ghent University; Toon De Plessemer, iMinds-Ghent University; Luc Martens, iMinds-Ghent University

Interactive Food Recommendation for Groups
Mehdi Elahi, Free University of Bozen - Bolzano; Mouzhi Ge, Free University of Bozen - Bolzano; Francesco Ricci, Free University of Bozen - Bolzano; Massimo David, Free University of Bozen - Bolzano; Shlomo Berkovsky, CSIRO

A Hybrid Explanations Framework for Collaborative Filtering Recommender Systems
Shay Ben Elazar, Microsoft R&D; Noam Koenigstein, Microsoft R&D

Random Walk with Wait and Restart on Document Co-citation Network for Similar Document Search
Masaki Eto, Gakushuin Women's College.

Correcting Popularity Bias by Enhancing Recommendation Neutrality
Toshihiro Kamishima, National Institute of Advanced Industrial Science and Technology (AIST); Shotaro Akaho, National Institute of Advanced Industrial Science and Technology (AIST); Hideki Asoh, National Institute of Advanced Industrial Science and Technology (AIST); Jun Sakuma, University of Tsukuba

Task-Based User Modelling for Personalization via Probabilistic Matrix Factorization
Rishabh Mehrotra, University College London; Emine Yilmaz, Microsoft Research Cambridge; Manisha Verma, International Institute of Information Technology, Hyderabad

Financial Product Recommendation through Case-based Reasoning and Diversification Techniques
Cataldo Musto, University of Bari; Giovanni Semeraro, University of Bari; Pasquale Iopp, University of Bari; Marco De Gemmis, University of Bari; Georgios Lekkas, Objectway Financial Software

Computer Security Training Recommender for Developers
Muhammad Nadeem, Mississippi State University; Edward Allen, Mississippi State University; Byron Williams, Mississippi State University

Assisting Emergent Readers in Finding Books to Read
Maria Pera, Boise State University; Yiu-Kai Ng, Brigham Young University.
An Extended Data Model Format for Composite Recommendation
Alan Said, TU Delft; Babak Loni, TU Delft; Roberto Turrini; Movio; Andreas Lommatzsch, Technische Universitat Berlin

Long Term Recommender Benchmarking for Mobile Shopping List Applications using Markov Chains
Sandro Schopfer, ETH; Thorben Keller, Cosibon AG.

Recommending Tumblr Blogs to Follow with Inductive Matrix Completion
Donghyuk Shin, The University of Texas at Austin; Suleyman Cetintas, Yahoo Labs; Kuang-Chih Lee, Yahoo Labs.

Timely Tip Selection for Foursquare Recommendations
Max Sidar, Foursquare Labs; Kristian J., Foursquare Labs

Voting Operations for a Group Recommender System in a Distributed User Interface Environment
Wolfgang Wörndl, TU München; Part Saelim, TU München

DEMOS

System U: Automatically Deriving Personality Traits from Social Media for People Recommendation
Hernan Badenes, Mateo N. Bengualid, IBM, Buenos Aires, Argentina; Jilin Chen, Liang Gou, Eben Haber, Jalal Mahmud, Jeffrey Nichols, Aditya Pal, Jerald Schoudt, Barton Smith, Ying Xuan, Huahai Yang, Michelle X. Zhou, IBM Research – Almaden, United States

Configuring and Monitoring Recommender System as a Service
David Ben-Shimon, Yoochoose Labs Ltd & Ben Gurion University of the Negev, Israel; Alexander Tsikinovsky, Yoochoose Labs Ltd, Israel; Michael Friedman, Yoochoose GmbH, Germany; Johannes Horle, Yoochoose GmbH, Germany

Focal: a Personalized Mobile News Reader
Florent Garcia, EPFL, Switzerland; Frederik Galle, EPFL, Switzerland; Boi Faltings, EPFL, Switzerland

Content Ordering Based On Commuting Patterns
Travis Gingerich, Microsoft, United States; Omar Alonso, Microsoft, United States

Cosibon: An e-commerce like Platform Enabling Bricks-and-Mortar Stores to Use Sophisticated Product Recommender Systems
Thorben Keller, Cosibon AG, Switzerland; Matthias Raffelsieper, Cosibon AG, Switzerland

Tell Me Where to Go and What to Do Next, but Do Not Bother Me
Hongwei Liu, Northeastern University, China; Gang Wu, Northeastern University, China; GuorenWang, Northeastern University, China

WrapRec: An Easy Extension of Recommender System Libraries
Babak Loni, TU Delft, Netherlands; Alan Said, TU Delft, Netherlands

RiVal -- A Toolkit to Foster Reproducibility in Recommender System Evaluation
Alan Said, TU Delft, Netherlands; Alejandro Bellogín, Universidad Autonoma de Madrid, Spain

Aspect-Based Opinion Mining and Recommendation System for Restaurant Reviews
Vaishak Suresh, San Jose State University, United States; Syeda Roohi, San Jose State University, United States; Magdalini Erinchaki, San Jose State University, United States
Wednesday Oct 8, 19:00-22:00, Alexandria/Balboa
Presented as posters during poster/demo session

**PERSPeCT: Collaborative Filtering for Tailored Health Communications**
Roy Adams, University of Massachusetts; Rajani Sadashivam, UMass Medical School; Kavitha Balakrishnan, UMass Medical School; Rebecca Kinney, UMass Medical School; Thomas Houston, UMass Medical School; Benjamin Martin, University of Massachusetts Amherst

**Convex AUC Optimization for Top-N Recommendation with Implicit Feedback**
Fabio Aiolfi, University of Padova

**Inferring User Interests in the Twitter Social Network**
Paramita Bhattacharya, IIT Kharagpur and MPI-SWS; Muhammad Bilal Zafar, MPI-SWS; Niloy Ganguly, IIT Kharagpur; Saptarshi Ghosh, MPI-SWS; Krishna P. Gummadi, MPI-SWS

**Switching Hybrid for Cold-Starting Context-Aware Recommender Systems**
Matthias Braunhofer, Free University of Bozen; Victor Codina, Technical University of Catalonia; Francesco Ricci, Free University of Bozen-Bolzano

**Cross-Domain Recommendations without Overlapping Data: Myth or Reality?**
Paolo Cremonesi, Politecnico di Milano; Massimo Quadranola, Politecnico di Milano

**Multi-Criteria Journey Aware Housing Recommender System**
Elizabeth Daly, IBM; Adi Botea, IBM Research; Akihiro Kishimoto, IBM Research; Radu Marinescu, IBM Research

** Implicit vs. Explicit Trust in Social Matrix Factorization**
Sadeh Fazeli, Open University; Babak Loni; Alejandro Bellogo, Universidad Autonoma de Madrid; Hendrik Drachsler, Open University; Peter Sloop

**Dynamics of Human Trust in Recommender Systems**
Jason Harman, Carnegie Mellon University; John O’Donovan, University of California, Santa Barbara; Tarek Abdelzaher; Cleotilde Gonzalez, Carnegie Mellon University

**Recommendation-based Modeling Support for Data Mining Processes**
Dietmar Jannach, University of Dortmund; Simon Fischer, RapidMiner GmbH

**Using Graded Implicit Feedback for Bayesian Personalized Ranking**
Lucas Lerche, TU Dortmund; Dietmar Jannach, TU Dortmund

**‘Free Lunch’ Enhancement for Collaborative Filtering with Factorization Machines**
Babak Loni; Alan Said, TU Delft; Martha Larson, Delft University of Technology; Alan Hanjalic, Delft University of Technology

**Preference Elicitation for Narrowing the Recommended List for Groups**
Lihi Naamani-Dery, Ariel University and Telekom Innovation Labs; Meir kalech, Ben-Gurion University; Lior Rokach, Ben-Gurion University and Telekom Innovation Labs; Bracha Shapira, Ben-Gurion University and Telekom Innovation labs

**Eliciting the Users’ Unknown Preferences**
Julia Neidhardt, TU Vienna; Rainer Schuster, TU Vienna; Leonhard Seyfang, TU Vienna; Hannes Werthner, TU Vienna

**An Analysis of Users’ Propensity Toward Diversity in Recommendations**
Tommaso Di Nola, Polytechnic University of Bari; Vito Ostuni, Polytechnic University of Bari; Jessica Rosati, Polytechnic University of Bari; Paolo Tomeo, Polytechnic University of Bari; Eugenio Di Sciascio, Polytechnic University of Bari

**Modeling the Dynamics of User Preferences in Coupled Tensor Factorization**
Dimitrios Raftailis, Aristotle University of Thessaloniki; Alexandros Nanopoulos, University of Eichstaett-Ingolstadt
Social Collaborative Filtering for Cold-Start Recommendations
Suvash Sedhain, ANU/NICTA; Scott Sanner, NICTA/ANU; Darius Brazdunas, Kobo Inc; Lexing Xie, ANU/NICTA; Jordan Christensen, Kobo Inc

Clinical Online Recommendation with Subgroup Rank Feedback
Yanan Sui, California Institute of Technology; Joel Burdick, California Institute of Technology

Emphasize, Don’t Filter! Displaying Recommendations in Twitter Timelines
Wesley Waldner, University of Saskatchewan; Julita Vassileva, University of Saskatchewan

Scalable Audience Targeted Models for Brand Advertising on Social Networks
Kunpeng Zhang, University of Illinois; Aris M. Ouksel, University of Illinois; Shaocun Fan, University of Illinois; Hengchang Liu, University of Illinois

CSLIM: Contextual SLIM Recommendation Algorithms
Yong Zheng, DePaul University; Bamshad Mobasher, DePaul University; Robin Burke, DePaul University
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