

Conference Schedule

Thursday, October 22

(Cantor Boardroom; KMEC, 11th floor)

08:30-09:30 *Registration and breakfast*

09:30-11:30 *Tutorial: Using Social Trust for Recommender Systems (J. Goldbeck)*

11:30-13:00 *Lunch (on your own)*

13:00-15:00 *Tutorial: Bayesian Modeling for Recommender Systems (A. Ansari)*

15:00-15:30 *Coffee Break*

15:30-17:30 *Tutorial: Important Research Challenges in Recommenders (J. Riedl)*

18:00-19:00 *Panel: "What did we learn from the Netflix Prize Competition? Perspectives from some of the leading contestants." Panel Chair: Jon Sanders (Netflix).*

19:00-21:00 *Cocktail Reception*

Friday, October 23

(Schimmel Auditorium; Tisch Bldg, Upper Concourse Level, 40 West 4th Street)

08:00-08:30 *Breakfast*

08:30-08:45 *Opening of the RecSys Conference*

08:45-10:00 *Keynote: Top 10 Lessons Learned Developing, Deploying, and Operating Real-World Recommender Systems (F. Martin, CEO, Strands) (Session Chair: Lawrence Bergman)*

10:00-10:30 *Coffee Break*

10:30-12:10 *Paper Session 1: Algorithms I (Session Chair: Robin Burke)*

Zhengdong Lu, Deepak Agarwal and Inderjit Dhillon. A Spatio-Temporal Approach to Collaborative Filtering.

Seung-Taek Park and Wei Chu. Pairwise Preference Regression for Cold-start Recommendation.

Sarah Tyler, Shenghuo Zhu, Yun Chi and Yi Zhang. Ordering Innovators and Laggards for Product Categorization and Recommendation.

Akhmed Umyarov and Alexander Tuzhilin. Improving rating estimation in recommender systems using aggregation- and variance-based hierarchical models.

12:10-13:40 *Lunch* (on your own)

13:40-15:20 *Paper Session 2: Tags and Social Networks* (Session Chair: Lars Schmidt-Thieme)

Jonathan Gemmell, Maryam Ramezani, Thomas Schimoler, Laura Christiansen and Bamshad Mobasher. The Impact of Ambiguity and Redundancy on Tag Recommendation in Folksonomies.

Ido Guy, Naama Zwerdling, David Carmel, Inbal Ronen, Erel Uziel, Sivan Yogev and Shila Ofek-Koifman. Personalized Recommendation of Social Software Items Based on Social Relations.

Ralf Krestel, Peter Fankhauser and Wolfgang Nejdl. Latent Dirichlet Allocation for Tag Recommendation.

Yi Zhen, Wu-Jun Li and Dit-Yan Yeung. TagiCoFi: Tag Informed Collaborative Filtering.

15:20-15:50 *Coffee Break*

15:50-17:30 *Paper Session 3: Applications* (Session Chair: Alexander Felfernig)

Ranieri Baraglia, Fidel Cacheda, Victor Carneiro, Diego Fernández, Vreixo Formoso, raffaele perego and Fabrizio Silvestri. Search Shortcuts: a new approach to the recommendation of queries

Jill Freyne, Michal Jacovi, Ido Guy and Werner Geyer. Increasing Engagement through Early Recommender Intervention

István Pilászy and Domonkos Tikk. Recommending New Movies: Even a Few Ratings Are More Valuable Than Metadata

Paolo Viappiani and Craig Boutilier. Regret-based Optimal Recommendation Sets in Conversational Recommender Systems

17:30-19:30 *Poster Session and Reception* (Patron's Lobby, outside of Schimmel)

19:30-22:00 *Banquet* (Rosenthal Pavilion; Kimmel Center, 10th Floor)

Saturday, October 24

(Schimmel Auditorium; Tisch Bldg, Upper Concourse Level, 40 West 4th Street)

08:00-08:30 *Breakfast*

08:30-9:45 *Keynote: Up-Close and Personalized: A Marketing View of the Future of Recommendation Algorithms* (M. Wedel, University of Maryland)
(Session Chair: Alex Tuzhilin)

9:45-10:10 *Best paper presentation* (Session Chair: Francesco Ricci)

Benjamin Marlin and Richard Zemel. Collaborative Ranking with Non-Random Missing Data

10:10-10:40 *Coffee Break*

10:40-12:20 *Paper Session 4: Algorithms 2* (Session Chair: Gediminas Adomavicius)

Xinlong Bao, Lawrence Bergman and Rich Thompson. Stacking Recommendation Engines with Additional Meta-features

Asela Gunawardana and Christopher Meek. A Unified Approach to Building Hybrid Recommender Systems

Yue Shi, Martha Larson and Alan Hanjalic. Exploiting User Similarity based on Rated-Item Pools for Improved User-based Collaborative Filtering

Daniel Xiaodan Zhou and Paul Resnick. Assessment of Conversation Comments as a Resource for Software Module Recommendation

12:20-13:50 *Lunch* (Commons, 1 floor of KMEC, and Barr-Kawamura, KMEC 5-50)

13:50-15:30 *Paper Session 5: Privacy and Security* (Session Chair: Bamshad Mobasher)

Zunping Cheng and Neil Hurley. Effective Diverse and Obfuscated Attacks on Model-based Recommender Systems

Neil Hurley, Zunping Cheng and Mi Zhang. Statistical Attack Detection

Reza Shokri, Pedram Pedarsani, Georgios Theodorakopoulos and Jean-Pierre Hubaux. Preserving Privacy in Collaborative Filtering through Distributed Aggregation of Offline Profiles

Xiang Yan and Benjamin Van Roy. Manipulation-Resistant Collaborative Filtering Systems

15:30-16:00 *Coffee Break*

16:00-17:40 *Paper Session 6: Trust and Evaluation* (Session Chair: Joseph Konstan)

Xavier Amatriain, Josep M. Pujol, Nava Tintarev and Nuria Oliver. Rate it Again: Increasing Recommendation Accuracy by User re-Rating

Mohsen Jamali and Martin Ester. Using a Trust Network to Improve Top-N Recommendation

Hao Ma, Michael R. Lyu and Irwin King. Learning to Recommend with Trust and Distrust Relationships

Frank E. Walter, Stefano Battiston and Frank Schweitzer. Personalised and Dynamic Trust in Social Networks

17:40-18:00 *Closing Remarks*

Sunday, October 25

Workshop 1: Recommender Systems and the Social Web (KMEC 2-60)

Workshop 2: Workshop on Context-Aware Recommender Systems (KMEC 2-65)

Workshop 3: 1st International Workshop on Recommendation-based Industrial Applications (KMEC 2-70)

Workshop Schedules:

09:00-10:30 Session A
10:30-11:00 Coffee Break
11:00-12:30 Session B
12:30-14:00 Lunch (on your own)
14:00-15:30 Session C
15:30-16:00 Coffee Break
16:00-17:30 Session D