

International Workshop on Decision Making and Recommender Systems (DMRS 2014)

<http://dmrsworkshop.inf.unibz.it/>

While most research in recommender systems is conducted in recommendation techniques, which boils down to rating prediction algorithms, there is still too little discussion on the impact of the supported user interaction and its effect on the decision making behaviors that are enabled and supported. User interaction and decision-making support are however critical in recommender system acceptance. Hence it is important to design the interaction while understanding its impact on the user decision-making behavior and heuristic in order to support an effective process. Therefore with this workshop we aim to go beyond the analysis of recommendation techniques and further merit the research attention from both recommender systems and human factor.

This workshop aims to bring researchers and practitioners together from user interaction, decision-making and recommender system research communities, especially focusing on integrating research interests across different communities. Also, we aim to provide an opportunity for discussing approaches, models, research results and case studies addressing a broad range of issues related to recommender system and user interaction. We are specifically interested in discussing the interdisciplinary research challenges and emerging research directions.

The proceedings of DMRS 2014 workshop include a total of 13 papers - 6 poster papers and 7 extended abstracts of invited presentations. The call for papers attracted a lot of attention from the research community and 6 high-quality submissions from all over the world were received. Considering that the interdisciplinary research between recommender system and decision-making is still in its infancy stage, the program committee decided to accept the 6 poster papers.

The workshop program was mainly structured by invited presentations. We invited 9 high-profile scholars who gave 7 talks. Each talk last by 75 minutes and was followed by a 30-minute discussion. The talks are multidisciplinary and try to address the emerging research topics between recommender system and decision-making. The workshop chairs and invited speakers served as program committee for reviewing the poster submissions. The poster papers were peer reviewed and selected based on the quality and relevance to the workshop. The invited speakers, that are also members of the program committee, are listed as follows:

- Anthony Jameson, German Research Center for Artificial Intelligence, Germany
- Fabio Del Missier, University of Trieste, Italy
- Marko Tkalcic, Johannes Kepler University, Austria
- Giovanni Semeraro and Marco de Gemmis, University of Bari Aldo Moro, Italy
- Paolo Viappiani, Universite' Pierre et Marie Curie, France
- Cleotilde Gonzalez, Carnegie Mellon University, USA
- Alexander Felfernig, Graz University of Technology, Austria
- Ido Erev, Technion - Israel Institute of Technology, Israel

Thanks to all the invited speakers, poster presenters and workshop participants, the DMRS 2014 had been successfully held at the Faculty of Computer Science, Free University of Bozen-Bolzano in Italy, with the participation of around 30 people. Our special thanks goes to the funding support of this workshop from the Free University of Bozen-Bolzano. We are looking forward to the next edition of the DMRS workshop.

Mouzhi Ge
Francesco Ricci
Free University of Bozen-Bolzano, Italy

International Workshop on Decision Making and Recommender Systems 2014

Workshop Program

18. Sep. 2014	
8:00 - 8:30	Welcome and Reception
8:30 - 10:15	Recommender Systems as Part of a Choice Architecture for HCI Anthony Jameson German Research Center for Artificial Intelligence, Germany
10:15 - 10:45	Coffee Break
10:45 - 12:30	Memory and Decision Making: from Basic Cognitive Research to Design Issues Fabio Del Missier University of Trieste, Italy
12:30 - 13:30	Lunch
13:30 - 14:30	Poster Session and Discussions
14:30 - 16:15	Decision Making, Personality and Emotions Marko Tkalcic ¹ , Giovanni Semeraro ² , Marco de Gemmis ² ¹ Johannes Kepler University, Austria ² University of Bari Aldo Moro, Italy
16:15 - 16:45	Coffee Break
16:45 - 18:30	Preference Modelling and Learning Paolo Viappiani Universite' Pierre et Marie Curie, France
19. Sep. 2014	
8:30 - 10:15	Decision Making in Dynamic Systems Cleotilde Gonzalez Carnegie Mellon University, USA
10:15 - 10:45	Coffee Break
10:45 - 12:30	Biases in Decision Making Alexander Felfernig Graz University of Technology, Austria
12:30 - 14:00	Lunch
14:00 - 15:45	Behavioral Economics and Prediction of the Effect of Experience on Choice Behavior Ido Erev Technion - Israel Institute of Technology, Israel
15:45 - 16:15	Coffee Break
16:15 - 18:00	Informal Discussions and Networking

