Proceedings of the

# Joint Workshop on Interfaces and Human Decision Making for Recommender Systems

September 19, 2015

In conjunction with the
**9th ACM Conference on Recommender Systems**
Vienna, Austria

Edited by

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# Preface

As an interactive intelligent system, recommender systems are developed to give recommendations that match users' preferences. Since the emergence of recommender systems, a large majority of research focuses on objective accuracy criteria and less attention has been paid to how users interact with the system and the efficacy of interface designs from users' perspectives. The field has reached a point where it is ready to look beyond algorithms, into users' interactions, decision making processes, and overall experience. This workshop will focus on the aspect of integrating different theories of human decision making into the construction of recommender systems. It will focus particularly on the impact of interfaces on decision support and overall satisfaction, and on ways to compare and evaluate novel techniques and applications in this area.

The aim of the workshop is to bring together researchers and practitioners around the topics of designing and evaluating novel intelligent interfaces for recommender systems in order to: (1) share research and techniques, including new design technologies and evaluation methodologies (2) identify next key challenges in the area, and (3) identify emerging topics.

This workshop aims at establishing an interdisciplinary community with a focus on the interface design issues for recommender systems and promoting the collaboration opportunities between researchers and practitioners.

The workshop consists of a mix of ten presentations of papers in which results of ongoing research as reported in these proceedings are presented and one invited talk by Anthony Jameson presenting "Recommender Systems Seen Through the Lens of Choice Architecture". The workshop is closed by a final discussion session.

John O'Donovan, Alexander Felfernig, Nava Tintarev, Peter Brusilovsky, Giovanni Semeraro and Pasquale Lops

*August 2015*

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