Call for Papers

International Workshop on Personalization & Recommender Systems in Financial Services, Bari, Italy, June 16th 2016
Workshop Website: www.di.uniba.it/~swap/finrec2016

1. Overview
Personalization and recommendation technologies provide the basis for applications that are tailored to the needs of individual users. These technologies play an increasingly important role for financial service providers, in addition to several firms of the digital economy. According to a recent paper (N. Leavitt, A Technology that Comes Highly Recommended, IEEE Computing now, April 8, 2013), recommender systems technology "is used by shopping websites such as Amazon, which receives about 35 percent of its revenue via product recommendations. It is also used by coupon sites like Groupon; by travel sites to suggest flights, hotels, and rental cars; by social-networking sites such as LinkedIn; by video sites like Netflix to recommend movies and TV shows, and by music, news, and food sites to suggest songs, news stories, and restaurants, respectively. Even financial-services firms recently began using recommender systems to provide alerts for investors about key market events in which they might be interested". According to a Bloomberg Business news appeared on March 2015, funds run by robots account for 400 Billion Dollars (http://www.bloomberg.com/news/articles/2015-03-16/smart-beta-ets-attract-billions-with-critics-blaming-dumb-money).

The aim of this workshop is to bring together researchers and practitioners working in financial services related areas in order to: (1) understand and discuss open research challenges, (2) provide an overview of existing technologies, and (3) provide a basis for information exchange between industry and academia.

Please note that – besides scientific contributions – we particularly invite submissions from financial industry in order to foster a lively exchange between practitioners and academia. Descriptions of completed or ongoing projects, small-scale studies or open challenges are all very welcome.

2. Topics
Topics of interest include, but are not limited to:

a. Algorithms & Knowledge Representations
   Recommendation Approaches
   Case-based Reasoning
   Configuration and Reconfiguration
   Mass Customization and Variability Management
   Similarity and Diversity
   Big Data Analytics
   Data Mining
   Customer Segmentation
   Predicting Customer Fluctuations
   Channel Management
   Fraud Detection
   Loan Recommendation
b. User Interfaces
New Interface Types
Visualization of Preferences
Explanations for Recommendations
Visualization of Recommendations
Portfolio Management
Trust-aware User Interfaces
Conversational User Interfaces
Mobile Interfaces
Preference Detection Mechanisms
Metrics and Evaluation
Decision Biases

c. Applications & Challenges
Case Studies
System Overviews
Tool Overviews
Problem Descriptions

3. Paper Submission
Full papers are limited to 8 pages. Position statements and problem instances can be submitted as short papers limited to 4 pages. Both regular and short papers should be formatted in pdf according to the workshop style guide (LaTeX template, Word template) and submitted to the EasyChair environment (https://easychair.org/conferences/?conf=finrec16). Each submission will be subject to peer review by at least two members of the program committee. Refereeing criteria are relevance to workshop topics, significance and novelty of the research, technical content, discussion of relationship to previous work, and clarity of presentation. A contribution submitted as a long paper may be accepted as a short paper, if the program committee considers it to be inadequate for a long paper but to present an important issue. At least one author of each accepted paper is required to register at the workshop and to present the paper. The workshop papers will be published as CEUR Workshop Proceedings. Authors of selected papers will be invited to submit their extended versions to a journal for possible publication either in a special or regular issue.

4. Important Dates
Acceptance Notification: May 15, 2016
Registration and Payment Deadline: May 31, 2016
Camera-ready Papers due: May 31, 2016
Workshop Date: June 16, 2016

5. Local Organization and Registration
The workshop is located at the campus of Università degli Studi di Bari “Aldo Moro”, Dipartimento di Informatica, Via Orabona 4, 70126 Bari, Italy.
6. Workshop Committee

Workshop Co-Chairs:
Mathias Bauer, mineway GmbH, Germany
Giovanni Semeraro, University of Bari, Italy

Organization:
Cataldo Musto, University of Bari, Italy

Program Committee (TBC):
Mathias Bauer, mineway GmbH, Germany
Shlomo Berkovsky, NICTA, Australia
Paul Blazek, cyLEDGE, Vienna, Austria
Robin Burke, DePaul University, IL, USA
Kuan-Ta Chen, Academia Sinica, Taiwan
Marco de Gemmis, University of Bari, Italy
Tommaso Di Noia, Polytechnic of Bari, Italy
John O'Donovan, University of California Santa Barbara, CA, USA
Alexander Felfernig, Graz University of Technology, Graz, Austria
Alessandro Giuliani, University of Cagliari, Italy
Dietmar Jannach, TU Dortmund, Germany
Pasquale Lops, University of Bari, Italy
Cataldo Musto, University of Bari, Italy
Eetu Mäkelä, Aalto University, Finland
Fedelucio Narducci, University of Bari, Bari, Italy
Giovanni Semeraro, University of Bari, Italy
Juha Tiihonen, Aalto University, Finland
Markus Zanker, Alpen-Adria-Universitaet Klagenfurt, Austria
David Zibriczky, Budapest University of Technology and Economics, Hungary