2nd International Workshop on Recommender Systems Meet Databases

— RSmeetDB 2012 —

Preface

Recommender systems (RS) support users who need personalized access to large collections of data. From a technical perspective, RSs have their origins in different fields such as information filtering and data mining, and they are built using a broad array of statistical methods and algorithms. E-commerce and consumer decision support applications have been the traditional application domains of these types of systems.

However, the ever-increasing plethora of information supply due to cheap storage, the web revolution and user-generated content applications, fuels the need for user-centric and context-aware information access and presentation in many more database application domains. The aim of this workshop is therefore to provide a forum for discussion and presentation of the latest results on the intersection of database and recommender systems research. Relevant topics include:

- **Preference and Context Modeling in Databases**
  - User and community modeling
  - Reputation and trust modeling
  - Context modeling

- **New Database Architectures Integrating Recommender Systems**
  - Rank integration
  - Resource recommendations
  - Learning to rank
  - Personal and social aspects in databases
  - Query recommendations
  - Personalized privacy preserving
  - New data and query models involving users and contexts
  - Scalability issues of databases and recommender systems

- **Innovative Applications of Recommender Systems in Databases**
  - Preference elicitation from the Deep Web
  - Filtering based on data harvested from the Deep Web
  - Content-based recommendations from BLOBs
  - Reputation and trust management
  - Social recommender systems
  - Visual analytics for recommender systems

- **Semantics in Recommender Systems and Databases**
  - Semantic indexing and recommender systems
  - Semantic annotation and recommender systems
  - Semantic Deep Web and recommender systems
  - Annotation and indexing of the Deep Web for recommender systems
  - Distributed semantic indexing for recommender systems
  - Filtering of the Deep Web

- **Evaluation Methodologies and Approaches**
  - User-centric evaluation
  - Accuracy vs. error metrics
  - Evaluating for novelty, diversity, and serendipity

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