## Universal Recommender System (Unresyst)

Petr Cvengroš Charles University in Prague Problem analysis and design of a solution Review of existing work Universal Recommender architecture, prototype implementation Universal Recommender Recommender Interface Domain Independence Algorithms Explicit Feedback Preference Implicit Feedback Using various types of knowledge Similarity Bias Combining derived preferences Knowledge-based Recommender above Collaborative filtering Music: Last.fm Verification on various domains Films: Flixster Travel Agency Unresyst more successful on implicit feedback data sets Recommender evaluation, comparison Unresyst improved the accuracy of collaborative filtering on explicit feedback data sets