Personalized Recommender Systems for Resource-Based Learning

Resource-based Learning
- Due to the vast amount of resources available on the Internet, learners require support in identifying and ranking relevant resources for learning purposes

Ranking of Learning Resources
- Exploit additional semantic information in folksonomies to improve graph-based recommendations
- Identify semantic information in a resource-based learning scenario like CROKODIL, which could be used to rank learning resources

Personalized Recommender System
- Approach using activity hierarchies and semantic tag types to rank learning resources
- Personalized recommender system providing explanations and considering relevance feedback from the learner