



# Collecting Expertise of Researchers for Finding Relevant Experts in a Peer-Review Setting

- Problem: Finding Experts for a Program Committee
  - Facilitate the task of Conference Chairs or Organizers
- Approach: Collecting dataset of Expertise
  - Crawl Public Data Sources: DBLP
  - Linking topics of Expertise to Existing Ontologies e.g. SwetoDblp
  - Might require the creation of a Taxonomy of Topics
  - Preliminary work: [Dataset](#) containing 100 topics for 1200+ researchers used in Annotation Demo of ISWC2006
- Measuring Expertise using:
  - Publication Impact of Conferences and Journals
  - Number of Publications, Publication History etc.
- Proposed Evaluation Strategy
  - Comparing results of Computer-based System vs. Program Committees of previous conferences