Topic-level Social Network Search

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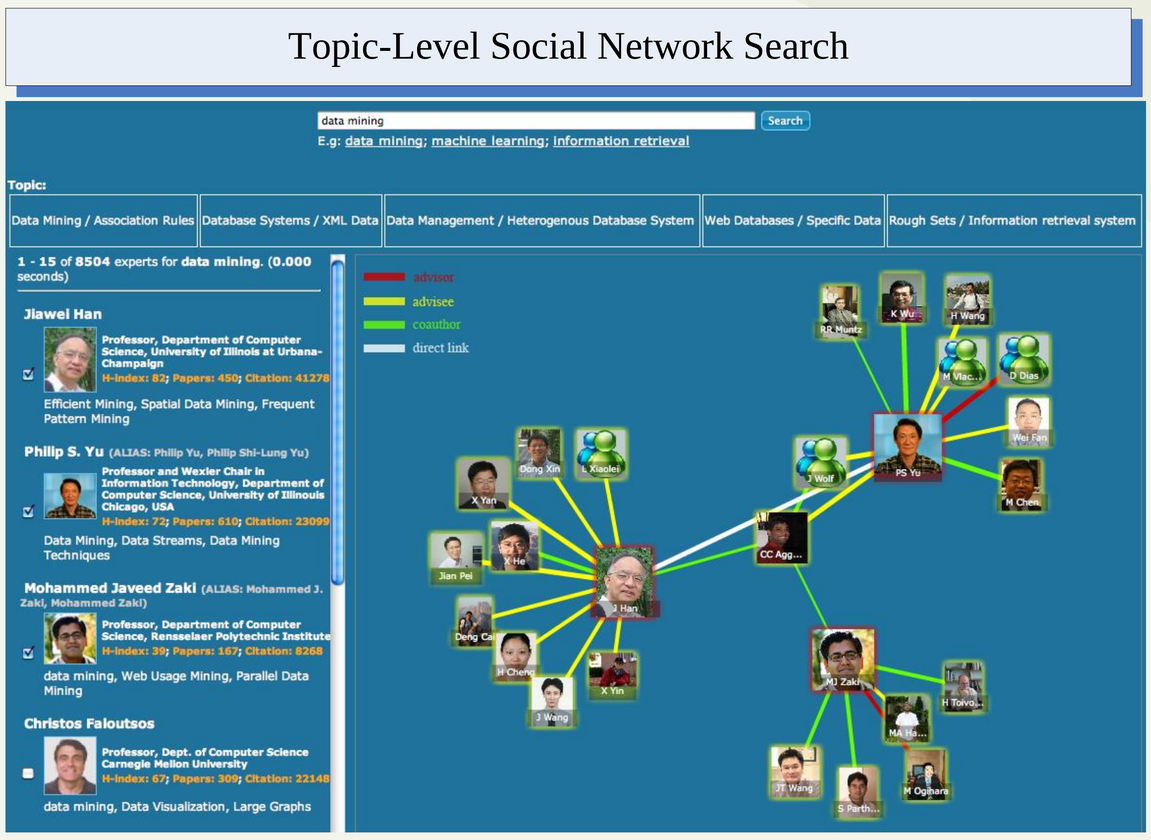
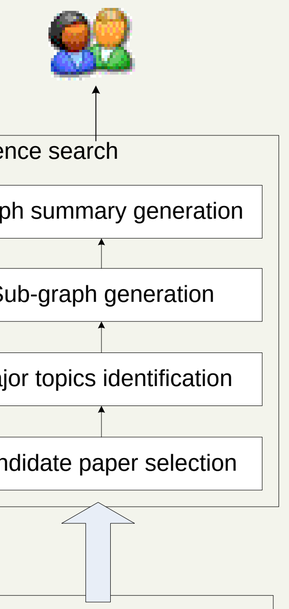
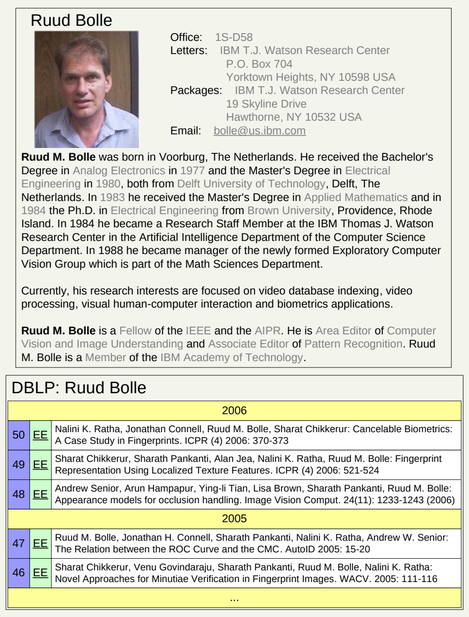
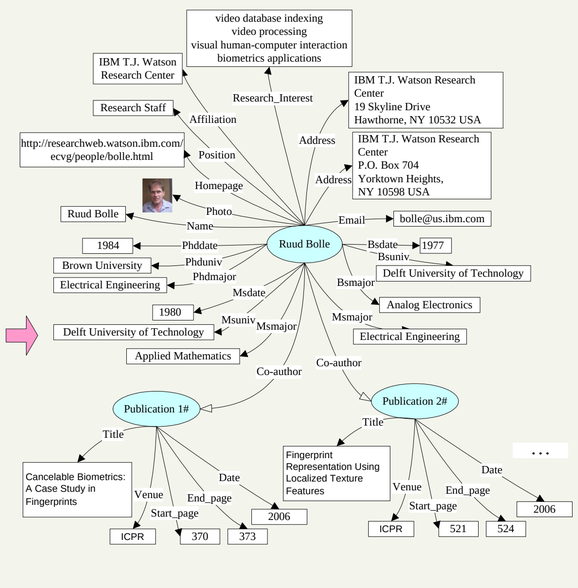


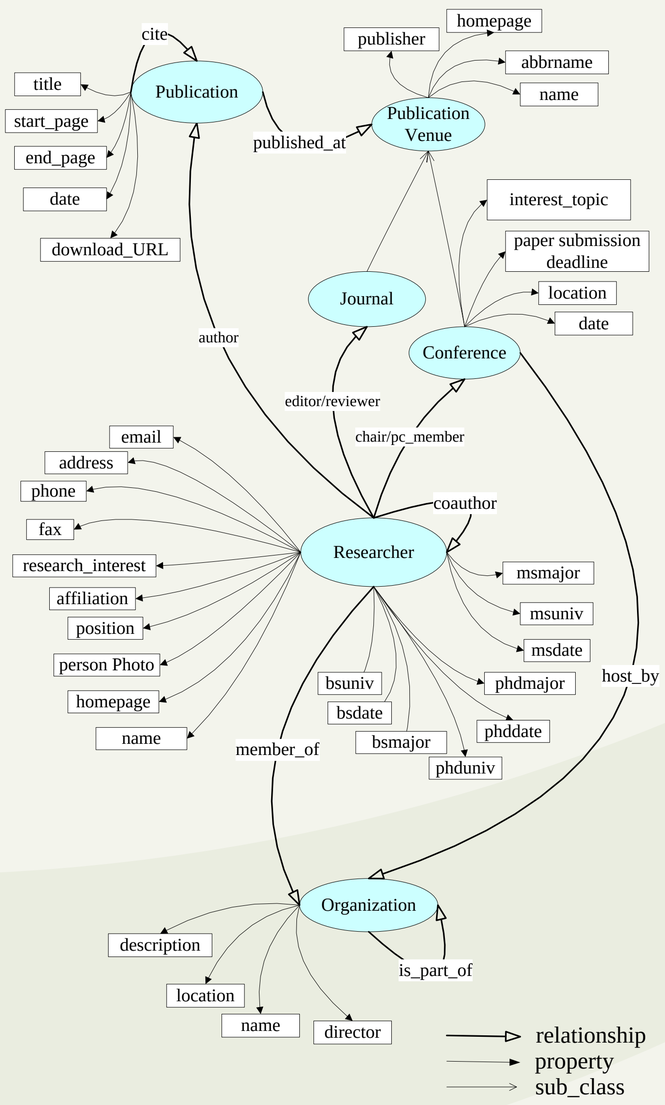




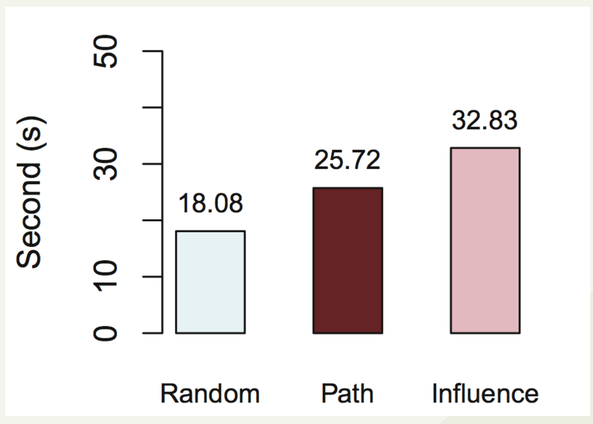


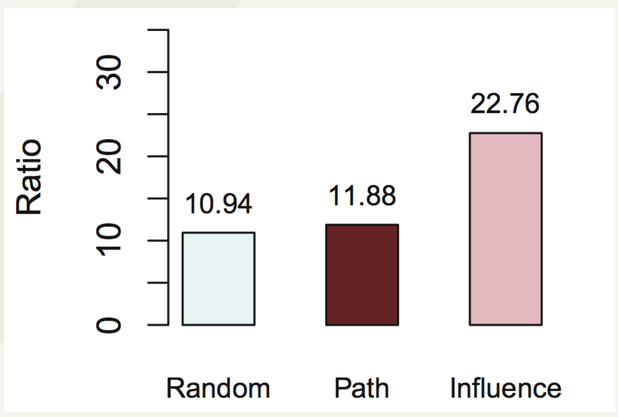
Technique Issues

Metadata



Empirical Analysis





What is New?

- Present a novel influence analysis problem and introduce how to estimate the topic-level influence strength between nodes in a heterogeneous network. Based on the learned influence model, we identify the key influencer (the most influential nodes) on a specific node from the network. For instance, this demo will show you who are the most influential authors in “data mining”, “database”, or “machine learning” and who are mainly influenced by these key influencer.
- Provide a novel social network search function based on the learned influence model. For a given query, the system automatically identifies which topics are the most relevant and which nodes are the relevant to the query and the topic. Then a topic-based sub network is generated according to the learned influence model.
- Develop a web service interface for the influencebased analysis and search function, based on which the user can retrieve the topic-based sub network for a given query.