

# WWW 2008 Workshop on Social Web Search and Mining

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## Categories and Subject Descriptors

H.3.4 [Information Systems]: Information storage and retrieval-  
*search process*, H.4.m [Information System Applications]:  
Miscellaneous

## General Terms

Algorithm, Experimentation, Management, Measurement

## MOTIVATION

The WWW 2008 workshop of social Web search and mining (SWSM2008) aims to discuss key issues of searching and mining a special kind of increasingly important sources: Social Web (SW).

There are a growing number of highly-popular user-centric applications, especially with the popularity of the Web 2.0. Such examples include blogs, folksonomies, wikis and Web communities in specific topics such as in academic research area. They have formed a new Web, Social Web and further formed social networks (SWN.) SWN generates a lot of structured and semi-structured information. This information greatly enlarges the content of Web. At the same time, it introduces many interesting research issues (e.g., social web storage, search and mining, social network building, expertise oriented search and association search in social networks) and as well many real-world applications (e.g. web community detection and search, hot-topic detection in a specific web community). These research issues have been receiving in the recent years growing attentions. SWSM2008 aimed at providing a forum for researchers from all over the world to share information on their latest investigations in SWN search, mining and its application particularly in academic research area.

## WORKSHOP ORGANIZATION

SWSM2008 is a half day workshop under the theme of Social Web. We had 18 submissions, of which we accepted 8 papers as regular papers and 4 papers as short papers. All papers underwent a review process by the program committee and each paper was reviewed by at least three reviewers, followed by an online

discussion phase to reconcile conflicting opinions. The workshop not only attracted the researchers from universities' professionals but also attracted researchers from industry community. We had an invited talk presented by Dr. Edward Chang to stress the interdisciplinary challenges of SWN search and mining.

## WORKSHOP THEME AND TOPICS

Topics in Social Web search and mining of interest included:

- Algorithms for SW search
- Personalized search for social interaction
- User behaviour prediction
- Classification, clustering and knowledge extraction on SW
- Large-scale graph algorithms
- Discovering social structures and communities
- Evolution of online social networks
- Social network extraction
- Temporal analysis on SW Network's topologies
- Topic detection and topic trend analysis
- Events/collaborators recommendation
- Name disambiguation and normalization
- Applications of SW
- Integration of heterogeneous SW

## ACKNOWLEDGES

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program committee for their suggestions in the organization of this workshop.

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