Call for Papers

Third ACM International Conference on

Web Search and Data Mining (WSDM) 2010

4-6 February 2010 – New York City, USA

http://wsdm2010.org/

WSDM (pronounced "wisdom") is a young ACM conference intended to be the publication venue for research in the areas of search and data mining. Strong attendance at the first two WSDMs, held at Stanford University and Barcelona in February 2008 and 2009, has confirmed community interest the more focused venue that WSDM provides. WSDM invites original, high quality submissions related to search and data mining on the Web, with an emphasis on practical but principled novel models of search and retrieval, algorithm design and analysis, economics implications, and in-depth experimental analysis of accuracy and performance. Topics of interests include but are not limited to the following:

- Crawling the Web and monitoring change
- Text indexing, index caching, query processing
- Search engine architecture
- Novel query languages
- Security and privacy in Web search and mining
- Distributed, meta, and peer-to-peer search
- Vertical portals and search
- Ranking and machine learning for ranking
- Personalized search and ranking
- User profiling and recommendation systems
- Multifaceted and task-driven search
- User activity modeling and exploitation
- Sponsored search and content match algorithmics
- Multimedia Web search
- User interfaces for search interaction
- Search quality benchmarking and evaluation
- Social media analysis: blog and friendship networks
- Social reputation and trust management
- Discovery-driven Web and social network mining
- Clustering, classification and summarization of Web data
- Data extraction and wrapper induction
- Data integration and data cleaning
- Opinion mining and sentiment analysis
- Information extraction, slot-filling
- Entity and relationship extraction
- Sense and entity disambiguation
- Web measurements, Web evolution, Web models
- Traffic and log analysis
- Multimodal data mining, e.g., images with tags
- Site-level and other aggregate analysis
- Algorithms and systems for Web-scale search and mining

Paper Format: Papers must report original research not accepted or under submission to any journal or conference with public proceedings (previous submissions in informal workshops or as posters are allowed, but must be indicated). Papers must be formatted according to ACM guidelines and style files to fit within 10 pages, including references, diagrams and appendices if any. A submitted paper must be self-contained.

Submissions: Papers must be submitted in PDF format to the paper submission Web site. PDF files must have all non-standard fonts embedded. Submission that do not view or print properly may be rejected without review.

Review Process: Each paper will be reviewed by at least three regular PC members and one or two senior PC members. Decisions will take into account novelty, technical depth, elegance, practical application, impact, and presentation.

Important Dates

- Abstracts: 6 August 2009
- Full papers: 13 August 2009
- Notification: 15 October 2009
- Conference: 4-6 February 2010

Venue: Polytechnic Institute of NYU, Brooklyn, NY

Conference Co-chairs

- Torsten Suel, NYU Poly
- Brian D. Davison, Lehigh University

Program Co-chairs

- Nick Craswell, Microsoft
- Bing Liu, University of Illinois, Chicago