

Call for Papers



ACM Seventeenth Conference on Information and Knowledge Management CIKM 2008, Napa Valley, California, USA

October 26-30, 2008

Napa Valley Marriott Hotel & Spa, 3425 Solano Avenue, Napa, CA 94558

<http://www.cikm2008.org/>

Sponsored by: ACM SIGIR, SIGWEB

THEME: As CIKM 2008 will be held in Napa Valley, just one hour to the north of San Francisco, one of the goals of the conference is to embrace the innovative spirit of the Bay Area/Silicon Valley in bridging further the *academic-commercial* gap in the database, information retrieval, and knowledge management communities. To help achieve this goal, we will have a series of invited speakers and an industry day (separate from the industry research track) where luminaries, primarily from industry and from the VC (Venture Capital) community, will provide insights on how DB/IR/KM technologies are/can be leveraged to make a billion-dollar success.

Since 1992, the ACM Conference on Information and Knowledge Management (CIKM) has successfully brought together leading researchers and developers from the **database**, **information retrieval**, and **knowledge management** communities. The purpose of the conference is to identify challenging problems facing the development of future knowledge and information systems, and to shape future research directions through the publication of high quality, applied and theoretical research findings. In CIKM 2008, we will continue the tradition of promoting collaboration among multiple areas. We encourage submissions of high quality papers on all topics in the general areas of databases, information retrieval, and knowledge management. Papers that bridge across these areas are of special interest and will be considered for a "*Best Interdisciplinary Paper*" award. Topics of interest in the three tracks include, but are not limited to:

Databases:

Data Adaptability, Quality, Reusability and Adaptability
Information Integration, Data Provenance, Probabilistic Databases
Mobile and distributed data management
Query Optimization
Security and Data Privacy
Semantic Web
Streams, Network Databases
String Databases, Blogs and Social Search
Systems, Platforms, Middleware, Applications and Experiences
User experience (languages, models, interfaces)
XML Data Processing, Filtering, Routing, and Algorithms

Information Retrieval:

Citation Analysis, Social Networks for IR
Domain-specific IR (e.g., Legal IR, Genome, Mobile IR, IR for chemical structures)
Filtering (e.g., Routing, Collaborative filtering, Topic tracking, Recommender systems)
Foundation of Information Retrieval (e.g., theory, ranking)
IR Architectures, Scalability and Efficiency
IR Evaluation
Language Specific IR (Multi-lingual, Cross-lingual, NLP)

Machine Learning for IR

Multimedia IR (Audio, Speech, Video, Image)

Semi-Structured Information Retrieval

User Modeling for IR, Search Personalization

Web Search, Advertising, Adversarial

Knowledge Management:

Advertising and Optimization

Classification and Clustering

Data pre- and post-Processing

Information Extraction

Information Filtering and Recommender Systems

Knowledge Synthesis and Visualization

Large-scale statistical techniques

Link and Graph Mining

Semantic Techniques

Temporal and Spatial data Mining

Text Mining

Industry track:

Industrial Practice and Experience

Technology for Developing Regions

Paper Submissions for CIKM 2008

Authors are invited to submit original, unpublished research papers that are not being considered for publication in any other forum. Manuscripts should be submitted electronically, in PDF format and formatted using the ACM camera-ready templates available at

<http://www.acm.org/sigs/pubs/proceed/template.html>.

Papers cannot exceed 10 pages in length. In addition to the regular full-length papers, the program committee will accept some as poster papers (two pages). Note Submission procedure is the same for all areas.

Uploading instructions and more detailed submission instructions for papers, workshop and tutorial proposals, are available at the conference website (www.cikm2008.org).

One author per paper is required to register and attend the conference to present the paper if accepted for publication.

A "*Best Interdisciplinary Paper*" award will be given to the best paper that bridges at least two of the general areas of interest to the conference, namely databases, information retrieval, and knowledge management.

Industrial Papers

Industry authors are also invited to submit papers describing solutions in the domains addressed by this conference, focusing on the technical aspects of their work. The submission procedure for industrial papers is the same as for research papers.

Important Dates for CIKM 2008

Research and Industry Track	Abstracts due: May 27, 2008 Papers due: June 3, 2008 Notification of Acceptance: July 15, 2008 Camera ready August 15, 2008
Workshops	Proposals due: April 15, 2008 Notification of workshop proposal Acceptance: May 5, 2008 Individual workshop papers due July 20, 2008 Notification of Acceptance: August 10, 2008 Camera ready August 15, 2008
Tutorials	Proposals due: July 15, 2008 Notification of Acceptance: July 25, 2008
Registration	Registration opens June 30, 2008 Early registration deadline: August 15, 2008
Conference Dates	Tutorial Day: October 26, 2008 Conference: October 27, 28, 29, 2008 Workshops: October 30, 2008 (and part of October 29 if required)

Organizing Committee

Conference Chair	James G. Shanahan (Independent Consultant, USA)
DB Area Chair	Sihem Amer-Yahia (Yahoo! Research, USA) (Assistant-chair: Ioana Manolescu INRIA, France)
IR Area Chair	Yi Zhang (University of California, Santa Cruz, USA) (Assistant-chair: David A. Evans, JustSystems Evans Research, USA)
KM Area Chair	Alek Kolcz (Microsoft Research, USA) (Assistant-chair: Key-Sun Choi, KAIST, Korea)
Industry Chair	Abdur Chowdury (Summize.com, USA)
Proceedings Chair	Diane Kelly (University of North Carolina, USA)
Tutorials Chair	Neel Sundaresan (eBay Research Labs, USA)
Workshops Chair	Gregory Grefenstette (CEA LIST, France)
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