

Call for Papers



ACM Eighteenth Conference on Information and Knowledge Management

CIKM 2009, Hong Kong, November 2-6, 2009

<http://www.comp.polyu.edu.hk/conference/cikm2009/about/>

Sponsored by: ACM SIGIR, SIGWEB

THEME: CIKM 2009 (ACM 18th Conference on Information and Knowledge Management) will be held on November 2-6, 2009, Hong Kong, China. Since 1992, 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 2009, 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. This year, we also created a *Best Student Paper Award*, which will be selected by the award committee among the papers whose first author is a student. 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
Novel Data Management Tools
Data Warehousing and OLAP

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 2009

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 (<http://www.comp.polyu.edu.hk/conference/cikm2009/about/>).

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

Awards and Journal Special Issues

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. A "Best Student Paper" award will be selected among the papers whose first author is a student. A set of selected papers will be published as special issues in three SCI indexed journals: **Data and Knowledge Engineering, Knowledge and Information Systems: An International Journal, The International Journal of Data Mining and Bioinformatics.**

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.

Workshops

Thirteen different workshops will be held with CIKM 2009. Please refer to <http://www.comp.polyu.edu.hk/conference/cikm2009/program/workshops.htm> for the list of the workshops. Please contact CIKM 2009 workshop chairs Min Song at <min.song@njit.edu> and Wook-Shin Han at <wshan@knu.ac.kr>, if you have any questions on the workshops.

Tutorial Proposals

Tutorial proposals should be directly emailed to the Tutorial co-Chairs: "Mike Ng" <mng@math.hkbu.edu.hk>, "Masatoshi Yoshikawa" <yoshikawa@i.kyoto-u.ac.jp>, by July 15, 2009.

Demo Papers: Demonstration papers cannot exceed 2 pages in length, which describe system components, implementation techniques, and contributions as well as interactive demonstration plan. They also have to include URLs for the web sites of their systems (or the information for verifying them). Uploading instructions and more detailed submission instruction for demonstration papers are available at the conference website (www.cis.drexel.edu/cikm2009). For more details, contact Demo Chairs: "Lei Chen" <leichen@cse.ust.hk> and "Jin-Ho Kim" <jhkim@kangwon.ac.kr>.

Important Dates for CIKM 2009

Research and Industry Track	Abstracts due: June 1, 2009 Papers due: June 8, 2009 Notification of Acceptance: July 25, 2009 Camera ready August 15, 2009
Workshops	Proposals due: March 1, 2009 Notification of workshop proposal Acceptance: March 15, 2009 Individual workshop papers due July 20, 2009 Notification of Acceptance: August 10, 2009 Camera ready August 15, 2009
Tutorials	Proposals due: July 15, 2009 Notification of Acceptance: July 25, 2009
Demo	Demo Papers due: June 8, 2009 Notification of Acceptance: July 22, 2009 Camera Ready: August 15, 2009
Registration	Registration opens June 30, 2009

Conference Dates

Early registration deadline: August 15, 2009
Tutorial Day: November 2, 2009
Conference: November 3, 4, 5, 2009
Workshops: November 6, 2009 (and part of Nov. 5 if required)

CIKM 2009 Organization Team

Honorary Conference Chairs: Peter Chen (USA), Wei Li (China), Shan Wang (China)

Conference co-Chair: David Cheung (HK), Il-Yeol Song (USA)

PC Co-Chairs: Wesley Chu (USA), Xiaohua (Tony) Hu (USA), Jimmy Lin (USA).