CIKM ’98 Call for Papers

Seventh International Conference on Information and Knowledge Management

November 3 -- November 7, 1998, Washington D.C., USA

Sponsored by ACM SIGIR and ACM SIGMIS

CIKM’98 will bring together leading researchers and developers in a wide variety of scientific areas, with a common interest in improving information and knowledge management technologies. Its objective is to provide a forum for the discussion and dissemination of recent advances in the area, and to foster collaboration between the database, information retrieval, and artificial intelligence communities.

The Program Committee has been appointed.

The focus of the conference is new and original research results in the areas of theoretical foundations, design, implementation, and applications of information and knowledge management. We solicit papers that address novel, challenging and innovative results. We also solicit short papers that challenge the field with new technologies or applications and open new horizons of research. Suggested topics include, but are not limited to, the following:

Intelligent Search and Data Mining	Data Cleaning and Noise Modeling
Uncertainty Management	Data Mining Methods
Automated Discovery Agents	Privacy and Security Issues
Interactive Data Exploration	Knowledge and Resource Discovery
Multimedia Database Systems	Mobile Databases and Wireless Computing
Digital Libraries	Information Representation and Modeling
Modeling Database Dynamics	Information Structures and Interaction
Hypertext and Hypermedia	Distributed Object Management
Query Languages Transaction and Workflow Management	Data and Knowledge Sharing
Heterogeneous and Distributed Systems	High Performance Algorithms
Design Techniques for Object Databases	Intelligent Agents and Network Mediators
Temporal/Spatial Databases	Active and Extensible Databases
Engineering, Scientific and Design Databases	Intelligent Information Systems
User and Application Interfaces	Time, Event and Change Management and Monitoring
Dynamic Databases	Tuning, Benchmarking and Performance

New Experimental, Commercial and Educational Systems	Integrating Databases and Information Retrieval
Cooperating and Interoperable Federated Systems	Parallelism and Distribution
Object Storage and Servers	Imprecise and Uncertain Information

Authors are invited to submit complete and original papers. Papers that may be submitted for consideration include those that have not previously been published in another forum, or are not currently being published or reviewed by another journal or conference. All submitted papers will be refereed for quality, originality and relevance. Of particular interest are papers which address experiences with concrete applications. All accepted papers will appear in the conference proceedings, to be published by ACM Press, provided at least one author attends the conference to present the paper.

Manuscripts should include an abstract and be limited to 5000 words. Submissions should include the title, author(s), author's affiliation, e-mail address, tel/fax numbers and postal address. In case of multiple authors, please indicate which author is responsible for correspondence and preparing the camera ready paper for the proceedings. Seven copies of the manuscript should be submitted by May 12, 1998 to either of the Program Co-Chairs:

Dr. James French	Dr. Georges Gardarin
c/o CIKM'98 (IR track)	CIKM'98 (DBMS track)
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Authors will be notified of acceptance by July 10, 1998, and camera-ready copies for the proceedings will be due the end of August. For more information about the conference, please visit the CIKM web site; or contact either of the General Chairs, Niki Pissinou or Charles Nicholas .

Workshops and Tutorials: An important part of the conference is the workshop program, which focuses on timely research challenges and initiatives. Workshop proposals may be sent to Professor Kia Makki `kia@usl.edu`. Tutorial proposals may be sent to Professor Il-Yeol Song `songiy@dunx1.ocs.drexel.edu`