



# 13th International Conference on Management of Data (COMAD 2006) December 14-16, 2006, Delhi, India, <http://www.cse.iitb.ac.in/comad/2006/index.html>

## Important Dates

Research and Industrial  
Papers Panel, Tutorial and  
Demo Proposals

July 26, 2006

Notification to authors

September 26, 2006

Camera-ready copy due

October 15, 2006

Early-Bird Registration

Deadline

December 1, 2006

Conference

December 14-16, 2006

## Conference Organization

General Chair

S. K. Gupta (IIT Delhi)

Organization Chair

R. K. Dutta (CSI, Delhi)

Program Committee Co-Chairs

Laks V.S. Lakshmanan (U. of  
British Columbia)

Anthony K. H. Tung (Natl. U. of  
Singapore)

Application and Industrial  
Program Chair

Rajeev Rastogi (Bell Lab, India)

Krishna Reddy (IIIT,  
Hyderabad)

Tutorials Chair

P Sreenivasa Kumar (IIT  
Madras)

Publicity Chair

Rajeev Gupta (IBM-IRL, India)

Best Paper Award Chair

Jayant Haritsa (IISc,  
Bangalore)

Proceeding Editor

Prasan Roy (IBM-IRL, India)

Local Arrangements Chair

Naveen Kumar (University of  
Delhi)

Demonstrations Chair

Manish Bhide (IBM-IRL, India)

Panels Chair

Soumen Chakrabarti (IIT  
Bombay)

For over a decade and a half, the COMAD Intl. Conf. on Management of Data, modeled along the lines of ACM SIGMOD, has been the premier international database conference hosted in India. The 13th COMAD will be held in December 2006, in Delhi, India. Similar to previous year, COMAD 2006 's scope will include not only traditional database areas but also add emphasis on Web, Information Retrieval and Data Mining. We invite the submission of original research contributions as well as proposals for demonstrations, tutorials, industrial presentations, and panels. Areas of interest include but are not limited to:

- Benchmarking and Performance Evaluation
- Data exchange and integration
- Data quality, cleaning and lineage
- Database monitoring and tuning
- Data privacy and security
- Data warehousing and mining
- Embedded, sensor, mobile databases and applications
- Managing uncertain, imprecise and inconsistent information
- Metadata management
- Multilingual data management
- Multimedia data management and mining
- Novel Data Types
- Parallel, distributed, and heterogeneous databases
- Peer-to-peer data management
- Personalized information systems
- Query processing and optimization
- Replication, caching, and publish-subscribe systems
- Text search and database querying
- Semi-structured data
- Social Networks
- Storage and transaction management
- Web services

To ensure wide visibility of material published at the conference, we plan to make arrangements with ACM SIGMOD for including the proceedings of the conference in the SIGMOD on-line and CD-ROM archives. Two awards, for Best Paper and Best Student Paper, will be presented at the conference. Further information and submission instructions may be found on the conference web site at: <http://www.cse.iitb.ac.in/comad/2006/index.html>

## Program Committee

- Shivnath Babu (Duke University)
- Denilson Barbosa (U. of Calgary)
- Subhash Bhalla (U. of Aizu)
- Vasudha Bhatnagar (U. of Delhi)
- Angela Bonifati (Icar-CNR)
- Chee Yong Chan (Natl. U. of Singapore)
- Sudarshan Chawathe (U. of Maine)
- Lei Chen (Hong Kong U. of Sci. and Tech.)
- Reynold Cheng (Hong Kong Poly. University)
- Rada Chirkova (North Carolina State University)
- Amol Deshpande (U. of Maryland)
- Anhai Doan (U. of Illinois, Urbana-Champaign)
- Wenfei Fan (U. of Edinburgh)
- Jiawei Han (U. of Illinois, Urbana-Champaign)
- Arvind Hulgeri (Persistent Systems, Pune)
- Ihab Ilyas (U. of Waterloo)
- H. V. Jagadish (U. of Michigan)
- Christian Jensen (Aalborg University)
- Chris Jermaine (U. of Florida)
- Ted Johnson (AT&T Research Labs)
- Bettina Kemme (Mcgill University)
- Masaru Kitsuregawa (University of Tokyo)
- Krishna Kummamuru (IBM Delhi)
- Paul Larson (Microsoft Research)
- Cuiping Li (Renmin University of China)
- Qiong Luo (Hong Kong U. of Sci. and Tech.)
- Ioana Manolescu (INRIA)
- Sharad Mehrotra (UC Irvine)
- Shamkant Navathe (Georgia Tech.)
- Rachel Pottinger (U. of British Columbia)
- Vikram Pudi (IIIT, Hyderabad)
- P. Radhakrishna (IDRBT, Hyderabad)
- Prasan Roy (IBM IRL, New Delhi)
- Fereidoon Sadri (U. of North Carolina, Greensboro)
- Sourav Saha Bhowmick (Nayang Tech. University)
- Joerg Sander (U. of Alberta)
- N. L. Sarda (IIT Bombay)
- Sudeshna Sarkar (IIT Kharagpur)
- Ambuj Singh (UC Santa Barbara)
- Srinath Srinivasa (IIIT, Bangalore)
- Divesh Srivastava (AT&T Research Labs)
- Jianyong Wang (Tshinghua University of China)
- Wei Wang (U. of North Carolina, Chapel Hill)
- Mohammed Zaki (Rensselaer Polytechnic Institute)
- Aoying Zhou (Fudan University)
- Xiaofang Zhou (The University of Queensland)

# Partial Program

## Keynote Speech 1:



**Krithi Ramamritham** received the Ph.D. in Computer Science from the University of Utah and then joined the University of Massachusetts. He did his B.Tech. in Electrical Engineering and M.Tech. in Computer Science, both from the Indian Institute of Technology Madras. He is currently at the Indian Institute of Technology Bombay as the Vijay and Sita Vashee Chair Professor in the Department of Computer Science and Engineering.

His areas of interest include database systems, real-time systems and internet computing. He has co-authored two IEEE tutorial texts on real-time systems, a text on advances in database transaction processing, and a text on scheduling in real-time systems. He is an Editor-in-Chief of Springer's Real-Time Systems Journal. His other editorial board contributions include IEEE Transactions on Mobile Computing, IEEE Transactions on Knowledge and Data Engineering, IEEE Transactions on Parallel and Distributed Systems, IEEE Internet Computing, the WWW Journal, the Distributed and Parallel Databases journal, and the VLDB Journal. Prof. Ramamritham is a Fellow of the IEEE, a Fellow of the ACM, and a Fellow of the Indian National Academy of Engineering. He is a recipient of the Distinguished Alumnus Award from IIT Madras.

## Keynote Speech 2:



**Dennis Shasha** is a professor of computer science at the Courant Institute of NYU where he works with biologists on pattern discovery for microarrays, combinatorial design, and network inference; and with physicists and financial people on algorithms for time series. Other areas of interest include database tuning, tree and graph matching, and cryptographic file systems. Because he likes to type, he has written four books of puzzles, a biography about great computer scientists, and technical books about database tuning, biological pattern recognition and time series. He also writes the puzzle columns for Scientific American and Dr. Dobb's Journal.

## Keynote Speech 3: Information Retrieval in Peer 2 Peer System



**Gerhard Weikum** is a Research Director at the Max-Planck Institute for Informatics (MPII) in Saarbruecken, Germany, where he is leading the department on databases and information systems. He is also the spokesperson of the International Max-Planck Research School (IMPRS) for Computer Science. Earlier he held positions at Saarland University in Saarbruecken, Germany, at ETH Zurich, Switzerland, at MCC in Austin, Texas, and he was a visiting senior researcher at Microsoft Research in Redmond, Washington. He received his diploma and doctoral degrees from the University of Darmstadt, Germany.

**Selected Award:** ACM Fellow 2005  
, CIDR 2005 Timeless Idea Award  
, VLDB 10-Year Award 2002  
, ACM SIGMOD Conference 1998 Best Paper Award (for joint paper with David Lomet)

## Tutorial 1: High Performance Data Mining



**Srinivasan Parthasarathy** is an Associate professor in the Computer Science and Engineering Department at the Ohio State University (OSU). He heads the data mining research laboratory and has a joint appointment in the department of biomedical informatics at OSU. He is a recipient of an NSF CAREER award, a DOE Early Career Award, and an Ameritech Faculty fellowship. His papers have received several awards including an IEEE Data Mining 2002 best paper, a SIAM Data Mining 2003 best paper, the VLDB 2005 best paper and a "Best of SIAM Data Mining 2005" selection.

## Tutorial 2: Privacy preserving publication: From k-anonymity to anatomy



**Yufei Tao** is an Assistant Professor in the Department of Computer Science and Engineering, the Chinese University of Hong Kong. He holds a PhD from the Hong Kong University of Science and Technology, and did his post-doc at the Carnegie Mellon University, USA. Yufei received the Hong Kong Young Scientist Award in 2002. His current research interests include privacy preserving data publication, spatial databases, and uncertain databases.