

## Important Dates

Research and Industrial  
Papers Panel, Tutorial and  
Demo Proposals

August 02, 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  
(Univ. of British Columbia)

Anthony K. H. Tung  
(Natl. Univ. 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  
(Univ. of Delhi)

Demonstrations Chair

Manish Bhide  
(IBM-IRL, India)

Panels Chair

Soumen Chakrabarti  
(IIT Bombay)



CONFERENCE on MANAGEMENT of DATA

# 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>

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, the scope of COMAD 2006 not only includes traditional database areas but also emphasizes 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)
- Shankant 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 Programme

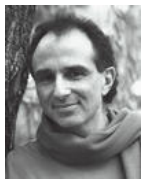
## Keynote Speech 1: “Taming the dynamics of Distributed Data”



**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: “StrangerDB: Safe Data Management with Untrusted Servers”



**Dennis Shasha** is a professor of computer science at the Courant Institute of New York University where he works with biologists on pattern discovery for microarrays, combinatorial design, and network inference; with physicists, musicians, and financial people on algorithms for time series; and on database applications in untrusted environments. Other areas of interest include database tuning as well as tree and graph matching. Because he likes to type, he has written five books of puzzles, a biography about great computer scientists, and technical books about database tuning, biological pattern recognition and time series. He has co-authored fifty journal papers, sixty conference papers, and seven patents. For fun, he writes the puzzle column for Scientific American. Until July of

2007, he is at INRIA, Rocquencourt (near Paris, France) with the group of Philippe Pucheral.

## Keynote Speech 3: “Information Search in Peer-to-Peer Systems”



**Gerhard Weikum** is a Scientific Director at the Max-Planck Institute for Informatics in Saarbruecken, Germany, where he is leading the research group on databases and information systems. Earlier he held positions at Saarland University in Germany, ETH Zurich in Switzerland, MCC in Austin, Texas, and he was a visiting senior researcher at Microsoft Research in Redmond, Washington. His recent working areas include implementation, optimization, and self-organization aspects of distributed information systems such as peer-to-peer systems, and intelligent search and organization of semi-structured data on the Web and in digital libraries. Dr. Weikum has received several best paper awards including the VLDB 2002 ten-year award, and he is an ACM Fellow. He has

served on the editorial boards of various journals and book series, including ACM TODS, IEEE CS TKDE, and the Springer LNCS series, and as program committee chair for international conferences like ICDE 2000 and ACM SIGMOD 2004. He is currently the president of the VLDB Endowment.

## Tutorial 1: “High Performance Data Mining”



**Srinivasan Parthasarathy** Srinivasan Parthasarathy is currently an Associate professor at the Computer Science and Engineering Department at the Ohio State University (OSU). He heads up the data mining research laboratory and has a joint appointment in the Department of Biomedical Informatics at Ohio State. He received a B.E in Electrical Engineering from the University of Roorkee (now IIT-Roorkee) and an MS and PhD in Computer Science from the University of Rochester. His research interests include data mining, high performance computing & systems, scientific data analysis and bioinformatics. He is a recipient of the US National Science Foundation's CAREER award, the US Department of Energy's Early Career Principal Investigator Award, and an SBC/Ameritech Faculty fellowship. His work has received several awards including an IEEE Data Mining 2002

best paper, a SIAM Data Mining 2003 best paper, the VLDB 2005 best research paper and a "Best of SDM05" selection from SIAM Data Mining 2005.

## 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.