



CALL FOR PAPERS
ACM SIGMOD Conference on
MANAGEMENT OF DATA (SIGMOD 2010)
June 6–June 10, 2010, Indianapolis, Indiana, USA

General Chair:

Ahmed Elmagarmid (Purdue University)

Program Chair:

Divyakant Agrawal (UCSB)

Group Leaders:

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Graham Cormode (Rutgers University)
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Nick Koudas (University of Toronto)
Chen Li (UCI)
David Lomet (Microsoft Research)
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Demonstration Chair:

Yufei Tao (City University of Hong Kong)

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Luna Dong (ATT Research)

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The annual ACM SIGMOD conference is a leading international forum for database researchers, practitioners, developers, and users to explore cutting-edge ideas and results, and to exchange techniques, tools, and experiences. We invite the submission of original research contributions and industrial papers, as well as proposals for demonstrations, tutorials, and panels. We encourage submissions relating to all aspects of data management defined broadly, and particularly encourage work on topics of emerging interest in the research and development communities.

TOPICS OF INTEREST

General areas of interests include but are not limited to the following:

- New programming models and languages to extend the DBMS ecosystem beyond traditional data and query models
- Scalable Data Management on Cloud Computing Infrastructures
- Data-centric approaches for effective management of large-scale data-centers
- Innovative models, architectures, and algorithms for distributed and parallel data analytics
- Energy-efficiency and power management issues in large-scale data processing environments
- Database Management System and Algorithm Designs for emerging hardware architectures: Multi-core processors, larger on-chip caches, large inexpensive RAM, and flash memory
- Data management applications (e.g., Web mashups, social networks, scientific databases, sensor networks)
- Performance and scalability (e.g., indexing, hardware accelerators)
- Application of Machine-learning and Data-mining techniques for autonomic database systems
- Other aspects of modern information systems such as security, privacy, personalization, user interfaces, etc.

SUBMISSION GUIDELINES

All aspects of the submission and notification process will be handled electronically. Submissions must adhere to the paper formatting instructions. Double-blind reviewing: As has become the tradition for SIGMOD, research papers will be judged for quality and relevance through double-blind reviewing, where the identities of the authors are withheld from the reviewers. Thus, author names and affiliations must not appear in the paper, and bibliographic references must be adjusted to preserve author anonymity.

Submissions should be uploaded through the submission site at: <https://cmt.research.microsoft.com/SIGMOD2010>

IMPORTANT DATES

- October 29, 2009: Abstract submission (research papers only)
- November 5, 2009: Manuscript submission (research papers, industrial papers, demonstration proposals)
- December 3, 2009: Tutorial and Panel proposals submission
- February 15, 2010: Notification of acceptance
- March 15, 2010: Final camera-ready papers due, 9AM EST