5th Workshop on Networking Meets Databases (NetDB)

In conjunction with SOSP 2009   **October 14th, 2009**

Big Sky, Montana, USA

IMPORTANT DATES

Paper submission deadline:	June 1, 2009
Notification to authors:	July 10, 2009
Camera Ready due:	Aug 10, 2009
Workshop:	Oct 14, 2009

CALL FOR PAPERS

The Workshop on Networking Meets Databases (NetDB 2009) will bring together researchers from the systems and networking community and the database community. Many current research areas, such as cloud computing, data-center networking, sensor networks, network management, or social networks, raise research problems that lie at the boundary between these two communities. This workshop's goal is to foster an environment in which researchers from both communities can discuss ideas that will shape and influence these emerging research areas. We encourage submissions of early work, with novel and interesting ideas. We expect that work introduced at NetDB 2009, once fully thought through, completed, and described in a finished form, may be relevant to conferences such as SOSP, OSDI, SIGCOMM, SIGMOD, VLDB, NSDI, or ICDE.

This year, NetDB takes a broad view of what constitutes research relevant to both communities. As a venue for exploring new directions, NetDB solicits submissions on work that borrows ideas and experiences from both communities. Topics of interest include, but are not limited to:

- Database support for managing large or novel datasets, such as social networking data, network management, or data in the cloud.
- Data mining and retrieval in large-scale systems.
- Declarative systems.
- Distributed key/value stores and cluster databases.
- Placement, indexing, caching, and replication techniques for wide-area storage
- Design, implementation, and experience with wide-area data management.
- Query planning, execution, and optimization in networked systems.
- Query evaluation using network hardware.
- Cross-layer optimization of databases & networks.
- Archiving and analysis of network and systems data.
- Data privacy and security in networks.

WORKSHOP FORMAT:

NetDB 2009 will be co-located with the Symposium on Operating Systems Principles (SOSP) in Big Sky, MT. NetDB will be held during the afternoon and early evening of Wednesday, October 14th, 2009 immediately succeeding the SOSP conference.

Papers will be selected based on originality, likelihood of spawning insightful discussion and technical merit. The program will include presentation of the papers along with plenty of time for lively discussion among the participants.

SUBMISSION FORMAT:

Paper submission will not be blind. The submissions will indicate the names or affiliations of the authors in the paper. Please do not submit abbreviated versions of journal or conference papers. In particular, submissions to NetDB must not be concurrent with a substantially similar submission to a conference or workshop, including condensed versions of work that has been submitted and is currently under review. Submissions should not be more than 5 pages in length. Accepted papers may be subsequently revised, expanded, and submitted to full conferences and journals.

PROGRAM COMMITTEE:

- Atul Adya, Google
- Brian Cooper, Yahoo Research
- Mary Fernández, AT&T Labs Research
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- Sam Madden, MIT
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- Petros Maniatis, Intel Research Berkeley
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- Emin Gün Sirer, Cornell University

Workshop URL

http://netdb09.cis.upenn.edu/