

Third International Workshop on Networking Meets Databases (NetDB '07)

Sponsored by USENIX, in cooperation with ACM SIGCOMM

<http://www.usenix.org/netdb07>

April 10, 2007

Cambridge, MA, USA

Co-located with the 4th USENIX Symposium on Networked Systems Design & Implementation (NSDI '07), which will take place April 11–13, 2007

Important Dates

Submissions due: *January 19, 2007 (extended deadline)*

Notification of acceptance: *February 20, 2007*

Final papers due: *March 13, 2007*

Conference Organizers

Program Chairs

Brian Cooper, *Yahoo! Research*

Nick Feamster, *Georgia Institute of Technology*

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Scope

The Third International Workshop on Networking Meets Databases (NetDB '07) will bring together researchers in the networking and database communities. The growth of many areas—from sensor networks, through peer-to-peer systems and networks designed using database principles (and vice versa), to network monitoring systems that depend on advanced data management and analysis capabilities—suggests a blurring of the boundaries between database and networking research and the need for research that spans the two disciplines. The goal of the workshop is to promote discussion of ideas that will influence and foster continued research that draws heavily from both communities. The workshop will provide a venue for researchers to discuss key challenges and present new ideas that can significantly impact both communities, and perhaps give birth to a new community in the long term.

Topics

We encourage submissions across the broad range of topics that lie at the intersection of networking and databases. In particular, we encourage papers that examine new opportunities for crossover and collaboration between networking and database researchers. Topics of interest in this context include but are not limited to:

- Network algorithms and theory applied to database systems
- Data models, query models, and query languages for networking

- Archiving and analysis of network data
- Data analysis for network traffic estimation and security
- Data mining and retrieval in widely distributed systems
- Database support for network management
- Placement, indexing, caching, and replication techniques for wide-area storage
- Network monitoring using database systems
- Privacy issues in network monitoring
- Design, implementation, and experience with wide-area data management
- Distributed stream processing and dissemination
- Query planning, execution, and optimization in networked systems
- Transaction management for peer-to-peer networks
- Query evaluation using network hardware
- Cross-layer optimization of databases and networks

Submissions

The selection of NetDB papers will be based primarily on their originality and potential to influence future research. This influence can be exercised in many ways, exemplified by but not limited to the following:

- Describing a novel approach to an old problem
- Describing a new problem that requires our attention
- Articulating a new perspective about networking and databases
- Debunking an old perspective about networking or databases

Submissions should be in the form of extended abstracts and be no longer than 6 pages, two-column format, using 10-point type on 12-point (single-spaced) leading, with a maximum text block of 6.5" wide x 9" deep.

The review process is **not** blind; each contributing author should be included on the first page. Submis-

sions will be done electronically via a Web form, which will be available on the NetDB '07 Call for Papers Web site, <http://www.usenix.org/netdb07/cfp>. Only submissions in PostScript or PDF will be accepted. Submissions must be written in English, render without error using standard tools (e.g., Ghostview or Adobe Reader), and print on U.S. letter (8.5" x 11") paper.

Simultaneous submission of the same work to multiple venues, submission of previously published work, and plagiarism constitute dishonesty or fraud. USENIX, like other scientific and technical conferences and journals, prohibits these practices and may, on the recommendation of a program chair, take action against authors who have committed them. In some cases, program committees may share information about submitted papers with other conference chairs and journal editors to ensure the integrity of papers under consideration. If a violation of these principles is found, sanctions may include, but are not limited to, barring the authors from submitting to or participating in USENIX conferences for a set period, contacting the authors' institutions, and publicizing the details of the case.

Authors uncertain whether their submission meets USENIX's guidelines should contact the Program Chairs, netdb07chairs@usenix.org, or the USENIX office, submissionspolicy@usenix.org.

Registration Materials

Complete program and registration information will be available in March 2007 on the conference Web site. The information will be in both HTML and a printable PDF file. If you would like to receive the latest USENIX conference information, please join our mailing list at <http://www.usenix.org/about/ mailing.html>.