3rd Symposium on Networked Systems Design and Implementation (NSDI '06)

Sponsored by USENIX, in cooperation with ACM SIGCOMM and ACM SIGOPS

http://www.usenix.org/nsdi06

May 8–10, 2006   **San Jose, CA, USA**

Important Dates

Paper titles and abstracts due: *October 10, 2005*
Final paper submissions due: *October 17, 2005*
Notification of acceptance: *January 13, 2006*
Papers due for shepherding: *March 13, 2006*
Final papers due: *March 29, 2006*
Poster proposals due: *March 29, 2006*
Poster notification: *April 17, 2006*

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Overview

NSDI focuses on the design principles of large-scale networked and distributed systems. We believe systems as diverse as Internet routing services, peer-to-peer file sharing, sensor nets, scalable Web services, and distributed network measurement share a set of common challenges, and that progress in any of these areas requires a deep understanding of how researchers are addressing the challenges of large-scale systems in other contexts. Our goal is to bring together researchers from across the networking and systems community—including computer networking, distributed systems, and operating systems—to foster a cross-disciplinary approach to addressing our common research challenges.

Topics

NSDI will provide a high-quality, single-track forum for presenting new results and discussing ideas that overlap these disciplines. We seek a broad variety of work that furthers the knowledge and understanding of the networked systems community as a whole, continues a significant research dialog, or pushes the architectural boundaries of large-scale network services. We solicit papers describing original and previously unpublished research. Specific topics of interest include, but are not limited to:

- ◆ Scalable techniques for providing high availability and reliability
- ◆ Security and robustness of highly complex systems
- ◆ Novel architectural approaches (e.g., for specific application domains)
- ◆ Network measurements, workload, and topology characterization
- ◆ Autonomous and self-configuring network, system, and overlay management
- ◆ Network virtualization and resource management
- ◆ Distributed storage, caching, and query optimization
- ◆ Network protocols and algorithms for complex distributed systems
- ◆ Operating system support for scalable network services

◆ Application experiences (e.g., in sensor networks, peer-to-peer systems, overlay networks, pervasive computing, and content distribution)

Paper Submissions

Submissions should be full papers, 12–14 single-spaced 8.5" x 11" pages, including figures, tables, and references, 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. Papers will be automatically checked by the submission system and those which do not meet the requirements on size and format will be rejected without being reviewed. **Update!** NSDI is now single- rather than double-blind, meaning that authors should now include their names on their paper submissions and do not need to obscure references to their existing work. Submissions will be judged on originality, significance, interest, clarity, relevance, and correctness.

Authors must submit their paper's title and abstract by October 10, 2005, and the corresponding full paper is due by October 17, 2005. Accepted papers may be shepherded through an editorial review process by a member of the Program Committee. Based on initial feedback from the Program Committee, authors of shepherded papers will submit an editorial revision of their paper to their Program Committee shepherd by March 13, 2006. The shepherd will review the paper and give the author additional comments. All authors (shepherded or not) will produce a final camera-ready paper and the equivalent HTML by March 29, 2006, for the conference Proceedings.

One author per paper will receive a registration discount of $200. USENIX will offer a complimentary registration upon request.

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, nsdi06chairs@usenix.org, or the USENIX office, submissionspolicy@usenix.org.

Papers accompanied by nondisclosure agreement forms will not be read or reviewed. All submissions will be held in confidence prior to publication of the technical program, both as a matter of policy and in accordance with the U.S. Copyright Act of 1976.

How to Submit

Authors are required to submit at least a title and abstract by October 10, 2005, with the full papers due by October 17, 2005. All submissions to NSDI '06 must be electronic, in PDF or PostScript, via a Web form which will be available at http://www.usenix.org/events/nsdi06/cfp/.

Authors will be notified of receipt of submission via email. If you do not receive notification, contact the Program Chairs at nsdi06chairs@usenix.org.

Best Paper Awards

Awards will be given for the best paper and best paper for which a student is the lead author.

Poster Session

Do you have interesting work in progress you would like to share? Poster sessions are for you! Poster sessions introduce new or ongoing work, and the NSDI audience provides valuable discussion and feedback. We are particularly interested in presentations of student work. To submit a poster, please send a proposal, one page or less, by March 29, 2006, to nsdi06posters@usenix.org. We will send back decisions by April 17, 2006.

Birds-of-a-Feather Sessions

Birds-of-a-Feather sessions (BoFs) are informal gatherings organized by attendees interested in a particular topic. BoFs will be held in the evening. BoFs may be scheduled in advance by emailing the USENIX Conference Department at bofs@usenix.org. BoFs may also be scheduled at the conference.

Registration Materials

Complete program and registration information will be available in February 2006 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.