

10th USENIX Symposium on Networked Systems Design and Implementation (NSDI '13)

Sponsored by USENIX in cooperation with ACM SIGCOMM and ACM SIGOPS

www.usenix.org/conference/nsdi13

April 3–5, 2013

Lombard, IL

Important Dates

Paper titles and abstracts due: *September 12, 2012,*

8:00 p.m. PDT (hard deadline)

Complete paper submissions due: *September 19, 2012,*

8:00 p.m. PDT (hard deadline)

Notification of acceptance: *December 10, 2012*

Final papers due: *February 20, 2013*

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Overview

NSDI focuses on the design principles, implementation, and practical evaluation of networked and distributed systems. Our goal is to bring together researchers from across the networking and systems community to foster a broad approach to addressing overlapping research challenges.

NSDI provides a high-quality, single-track forum for presenting new results and discussing ideas that further the knowledge and understanding of the networked systems community as a whole, continue a significant research dialog, or push the architectural boundaries of network services.

Topics

We solicit papers describing original and previously unpublished research. Specific topics of interest include but are not limited to:

- Highly available and reliable networked systems
- Security and privacy of networked systems
- Distributed storage, caching, and query processing
- Energy-efficient computing in networked systems
- Cloud systems
- Mobile and embedded applications and systems
- Wireless networked systems, including cross-layer and PHY-aware systems
- Network measurements, workload, and topology characterization systems
- Self-organizing, autonomous, and federated networked systems
- Managing, debugging, and diagnosing problems in networked/distributed systems
- Virtualization and resource management for networked systems and clusters
- Systems aspects of networking hardware
- Software Defined Networks (SDN)
- Experience with deployed/operational networked systems
- Communication aspects of “big data” systems
- Economics of networked systems
- An innovative solution for a significant problem involving networked systems

What to Submit

Submissions must be no longer than 12 pages, including footnotes, appendices, figures, and tables. Submissions may include as many additional pages as needed for references. Submissions must be in 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, with .25" inter-column space, formatted for 8.5" x 11" paper. Papers not meeting these criteria will be rejected without review, and no deadline extensions will be granted for reformatting. Pages should be numbered, and figures and tables should be legible when printed, without requiring magnification.

NSDI is single-blind, meaning that authors should include their names on their paper submissions and do not need to obscure references to their existing work. Authors must submit their paper's title and abstract by September 12, 2012, and the corresponding full paper is due by September 19, 2012 (hard deadline). All papers must be submitted via the Web form on the NSDI '13 Call for Papers Web site, www.usenix.org/conference/nsdi13/call-for-papers.

Submissions will be judged on originality, significance, interest, clarity, relevance, and correctness. Papers so short as to be considered "extended abstracts" will not receive full consideration.

For more details on the submission process, and for templates to use with LaTeX, Word, etc., authors should consult the detailed submission requirements on the NSDI '13 Call for Papers Web site.

NSDI '13 Policies

Simultaneous submission of the same work to multiple venues, submission of previously published work, or plagiarism constitutes dishonesty or fraud. USENIX, like other scientific and technical conferences and journals, prohibits these practices and may take action against authors who have committed them. See the USENIX Conference Submissions Policy at www.usenix.org/conferences/submissions-policy for details.

Previous publication at a workshop is acceptable as long as the NSDI submission includes substantial new material. For example, submitting a paper that provides a full evaluation of an idea that was previously sketched in a five-page position paper is acceptable. Authors of such papers should cite the prior workshop paper and clearly state the submission's contribution relative to the prior workshop publication.

Authors uncertain whether their submission meets USENIX's guidelines should contact the Program Co-Chairs, nsdi13chairs@usenix.org, or the USENIX office, submissionspolicy@usenix.org.

Papers accompanied by nondisclosure agreement forms will not be considered. All submissions will be treated as confidential prior to publication on the USENIX NSDI '13 Web site; rejected submissions will be permanently treated as confidential.

Processes for Accepted Papers

Authors will be notified of paper acceptance or rejection by December 10, 2012. If your paper is accepted and you need an invitation letter to apply for a visa to attend the conference, please contact conference@usenix.org as soon as possible. (Visa applications can take at least 30 working days to process.) Please identify yourself as a presenter and include your mailing address in your email.

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. The shepherd will review the paper and give the author additional comments. All authors, shepherded or not, will upload their final file to the submissions system by February 20, 2013, for the conference Proceedings.

For each accepted paper, NSDI '13 intends to publish a short "public summary" that provides some context for readers and explains the PC's view of the significance of the paper. These summaries will appear on the NSDI '13 Web site.

All papers will be available online to registered attendees before the conference. If your accepted paper should not be published prior to the event, please notify production@usenix.org. The papers will be available online to everyone beginning on the first day of the conference, April 3, 2013.

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

Best Paper Awards

Awards will be given for the best paper(s) at the conference.

Community Award

To encourage broader code and data sharing within the NSDI community, the conference will also present a "Community Award" for the best paper whose code and/or data set is made publicly available by the final papers deadline, February 20, 2013. Authors who would like their paper to be considered for this award will have the opportunity to tag their paper during the submission process.

Registration Materials

Complete program and registration information will be available in January 2013 on the conference Web site.

