

2nd USENIX Symposium on Internet Technologies and Systems

Sponsored by USENIX, the Advanced Computing Systems Association
Co-sponsored by the IEEE Computer Society Technical Committee on the Internet

<http://www.usenix.org/events/usits99>

October 11-14, 1999
Regal Harvest House Hotel
Boulder, Colorado, USA

Important Due Dates for Refereed Paper Submissions

Note Earlier Deadlines!

Extended abstracts due: *March 25, 1999*
Hard deadline for submissions: *April 1, 1999*
Notification to authors: *May 14, 1999*
Full papers for editorial review: *July 23, 1999*
Camera-ready full papers: *August 31, 1999*

Symposium Organizers

Program Chair

Fred Douglass, *AT&T Labs--Research*

Program Committee

Eric Brewer, *University of California Berkeley and Inktomi*
Dan Connolly, *W3C*
Peter Honeyman, *University of Michigan*
David B. Johnson, *Carnegie Mellon University*
P. Krishnan, *Bell Labs, Lucent Technologies*
Geoff Kuenning, *University of California Los Angeles*
Yoelle Maarek, *IBM Haifa Research Lab*
Udi Manber, *Yahoo! Inc., and the University of Arizona*
Jeffrey Mogul, *Compaq Computer Corp. Western Research Lab*
Katia Obraczka, *Information Sciences Institute*

Overview

The goal of this symposium is to bring together engineers and researchers interested in developing innovative Internet applications and technology.

This will be a 3.5 day symposium, with 1 day of tutorials, followed by 2.5 days of refereed paper presentations, invited talks, works-in-progress presentations, demos, panel discussions, and Birds-of-a-Feather sessions.

Tutorials, October 11, 1999

Tutorials for technical staff, researchers, managers, and students will provide immediately useful, practical information on topics such as Web security, XML, and Internet performance.

If you are interested in proposing a tutorial, contact the USENIX tutorial coordinator, Dan Klein, by phone at +1.412.422.0285 or by email to dvk@usenix.org

Technical Sessions, October 12-14, 1999

The Internet continues to evolve in interesting and unexpected ways. Electronic commerce, mobility, streaming media, and other

developments are driving the creation of new applications, protocols, security models, and systems. Recent application-level changes, such as XML, may dramatically improve the functionality of the Web. What's next?

USITS emphasizes both innovative research and quantified experience in Internet applications, technologies, and systems. We seek papers describing original work concerning the design, implementation, and application of Internet technologies. Besides mature work, we encourage submissions describing exceptionally promising prototypes, or enlightening negative results. Case studies and experience papers are particularly of interest.

Where appropriate, authors will be able to demonstrate their applications during their presentation using computers linked to the audio-visual system and the Internet. Also, space will be available to authors to demonstrate their work outside of their presentation in a more relaxed and interactive environment.

Topics

Topics of interest include, but are not limited to:

Distributed caching and replication

Electronic Commerce

IPv6

Information indexing/retrieval/management

Internet agents

Java, Inferno, Safe-Tcl, Python, and other "Internet programming" tools

Performance (network, server, end-to-end)

Resource discovery

Security

Note that just because a paper is about Java (for instance) does not mean it pertains to the Internet. Off-topic papers will be referred to other forums.

Best Paper Awards

Awards will be given for the best paper and best student paper at the conference.

What To Submit

Authors must submit an extended abstract by March 25, 1999. This should be 5-7 pages long or about 2500-3500 words, not

counting references and figures. In addition, you may submit a full paper for use by the program committee if there are questions about the abstract, but the full paper is not required. Longer submissions, not accompanied by an appropriate extended abstract, will be penalized in the review process.

The full papers resulting from accepted abstracts will go through an editorial review cycle with a member of the program committee, and should end up about 10-12 pages long. Very similar papers must not have been published or concurrently submitted for publication elsewhere, with two specific exceptions (see Concurrent Submissions below).

The objective of an extended abstract is to convince the reviewers that a good paper and 25-minute presentation will result. It is important to identify what has been accomplished, to explain why it is significant, and to compare with prior work in the field, demonstrating knowledge of the relevant literature. The extended abstract should represent the paper in "short form." It must include the abstract as it will appear in the final paper. The body of the extended abstract should be complete paragraphs, not just an outline of the paper. (Sections present in the full paper but omitted from the abstract may be summarized in terse form.) Authors should include full references, figures when available, and as is usually appropriate, performance data. Such data also help indicate the status of the implementation, often a crucial issue. The abstract will be judged on significance, originality, clarity, relevance, and correctness. All submissions will be held in the highest confidence prior to publication. Papers accompanied by so called "non-disclosure agreement" forms are not acceptable and will be returned unread.

If you would like to receive detailed guidelines for submission and examples of extended abstracts, send email to: usits99authors@usenix.org or telephone the USENIX Association office at +1.510.528.8649.

Concurrent Submissions

Because the submission deadline for USITS was moved to precede the notification deadline for SIGCOMM'99, we will permit authors to submit papers to USITS that are substantially similar to SIGCOMM submissions. These USITS submissions must be identified as being dependent on rejection from SIGCOMM.

In addition, The TFIW and the USENIX Association are cosponsoring ASA/MA'99, which will take place shortly before USITS. The organizers of USITS'99 and ASA/MA'99 recognize that some papers are appropriate for either conference. By special arrangement, a single paper can be submitted to both conferences, and then withdrawn from ASA if accepted at USITS. If the USITS program committee rejects a paper that has been designated as being appropriate for ASA, it will forward the reviewers' comments to the ASA program committee.

How To Submit

Submissions should be done electronically. A form is provided at http://www.research.att.com/~dougusits_submission.html to facilitate submission and ensure that all the required information is provided. This includes:

1. The title of the paper and the names and affiliations of all authors. (Note: authors' names and affiliations will be known to the reviewers).
2. The name, email and postal addresses, day and evening phone numbers, and a fax number if available, of one author who will serve as a contact.
3. An indication of which, if any, of the authors are full-time students.
4. An indication as to whether the submission is substantially similar to a pending SIGCOMM submission, or whether a substantially similar paper may be submitted to ASA'99/MA'99. These two cases are mutually exclusive and are the only cases where overlapping submissions are acceptable. See <http://www.usenix.org/events/usits99/cfp.html> for details.

The paper itself must be emailed, preferably as a MIME base64 attachment, to usits99papers@usenix.org. If you cannot complete the form, provide the above information via email to the same address as a separate attachment or in a separate message.

The alternate method of submission will remain postal mail; you may mail 15 copies of your submission to:

Fred Douglass
AT&T Labs-Research
Shannon Laboratory, Room B137
180 Park Avenue, Bldg 103
Florham Park, NJ 07932-0971
phone: +1.973.360.8775 (voice)

All submissions will be acknowledged electronically; you must provide an email address. If you have not received an acknowledgment within 48 hours of submitting your abstract electronically (or the submission deadline, if the submission is early), please contact the program chair at douglass@usenix.org.

Work-In-Progress Reports

Do you have interesting work you would like to share, or a cool idea that is not ready to be published? Works-in-progress reports are for you! Works-in-progress reports, scheduled during the technical sessions, introduce new or ongoing work. The USENIX audience provides valuable discussion and feedback. We are particularly interested in presentations of student work. To schedule your report, please contact the Works-in-Progress coordinator at usits99wips@usenix.org

Registration Materials

Materials containing all details of the technical and tutorial programs, registration fees and forms, and hotel information will be available online at <http://www.usenix.org/events/usits99/> and in print in August 1999. If you wish to receive the printed registration materials, please contact USENIX at:

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