

3rd USENIX Symposium on Internet Technologies and Systems (USITS '01)

<http://www.usenix.org/events/usits01>

March 26-28, 2001

Important Dates

Paper submissions due: *September 18, 2000*

Notification of acceptance: *November 14, 2000*

Revised papers due for shepherding: *Dec. 15, 2000*

Camera-ready final papers due: *January 23, 2001*

Conference Organizers

Program Chair

Tom Anderson, *University of Washington*

Program Committee

Mary Baker, *Stanford University*

Hari Balakrishnan, *MIT*

Eric Brewer, *UC-Berkeley*

Steve Gribble, *University of Washington*

Steve McCanne, *Fast Forward*

Vivek Pai, *Princeton University*

Brian Pinkerton, *Excite*

Bill Weihl, *Akamai Technologies*

Willy Zwaenepoel, *Rice University*

Overview

The goal of this symposium is to bring together a diverse collection of engineers and researchers to help define the future of Internet applications, technologies, and systems. We actively encourage participation by experts in distributed systems, networking, performance measurement, security, user interfaces, artificial intelligence, operating systems, and system administration. We believe future Internet innovations will emerge from a fusion of the best ideas from a spectrum of areas.

This will be a 3 day symposium, featuring refereed paper presentations, invited talks, Works-in-Progress presentations, demos, panel discussions, and Birds-of-a-Feather sessions.

Cathedral Hill Hotel, San Francisco, California, USA

Technical Sessions

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, and an increasing number of consumer devices are being built to be Internet ready. 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 also encourage papers outlining a compelling distant vision of the future, exceptionally promising prototypes, or enlightening negative results. Case studies and experience papers are particularly welcome.

Topics

Topics of interest include, but are not limited to:

- ◆ Caching and co-location services
- ◆ Content distribution
- ◆ Distributed systems
- ◆ Electronic commerce
- ◆ Information indexing/retrieval
- ◆ Internet agents
- ◆ Internet programming tools
- ◆ Novel system architectures
- ◆ Performance
- ◆ Resource discovery/management
- ◆ Security
- ◆ Server OS and I/O
- ◆ Ubiquitous computing
- ◆ User interfaces

Best Paper Awards

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

What to Submit

Submissions should be full papers, 10-12 single-spaced 8.5" x 11" pages, including figures, tables, and references, using an 11 point or larger font. A good paper will demonstrate that the authors:

- ◆ are attacking a significant problem,
- ◆ have devised an interesting, compelling solution,
- ◆ have demonstrated the practicality and benefits of the solution,
- ◆ have drawn appropriate conclusions,
- ◆ have clearly described what they have done, and
- ◆ have clearly articulated the advances beyond previous work.

Submissions will be judged on originality, significance, interest, clarity, relevance, and correctness. Please read the detailed author guidelines on the symposium Web site for more information.

Submissions are due on September 18, 2000. Accepted papers will be shepherded through an editorial review process by a member of the program committee. Based on initial feedback from the program committee, each author will submit an editorial revision of their paper to their program committee shepherd by December 15, 2000. The program committee member will review the paper and give the author additional comments. The author will then produce a final camera-ready paper by January 23, 2001, for the symposium proceedings.

USITS, like most conferences and journals, requires that papers not be submitted simultaneously to any other conference or publication, that submissions not be previously published, and that accepted papers not be subsequently published elsewhere. Papers accompanied by non-disclosure agreement forms are not acceptable and will be returned to the author(s) unread. All submissions are held in the highest confidentiality prior to publication in the Proceedings, both as a matter of policy and in accord with the U.S. Copyright Act of 1976.

How to Submit

Authors are required to submit full papers by September 18, 2000. All submissions for USITS '01

will be electronic, in PDF, PostScript, or ASCII. A Web form will be available by May on the symposium Web site.

Authors will be notified of receipt of submission via e-mail. If you do not receive notification, contact: usitschair@usenix.org.

Demonstrations

The symposium will include a session where participants can present and demonstrate their work in an informal setting. To schedule a demo of your work at the symposium, please email usitsdemos@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? Work-in-progress reports are for you! Work-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 submit a work-in-progress, please send a proposal, one page or less, by March 9, 2001, to the work-in-progress coordinator at usitswips@usenix.org.

Birds-of-a-Feather Sessions

Birds-of-a-Feather sessions (BoFs) are very informal gatherings organized by attendees interested in a particular topic. BoFs will be held in the evenings. BoFs may be scheduled in advance by phoning the Conference Office at +1.949.588.8649 or via email to conference@usenix.org. BoFs may also be scheduled at the symposium.

Registration Materials

Complete program and registration information will be available in December 2000 on the symposium Web site. The information will be in both html and a printable PDF file. If you would like to receive the program booklet in print, please email your request, including your postal address, to: conference@usenix.org.