WORLDS '06

NOVEMBER 5, 2006
SEATTLE, WA

**3rd USENIX Workshop on
Real, Large Distributed Systems**
Sponsored by USENIX

JOIN US

Join us in Seattle, WA, November 5, 2006, for one day of discussion of useful ideas, experience, and research directions in the area of real, large distributed systems. The 3rd USENIX Workshop on Real, Large Distributed Systems will bring together people who are exploring the new challenges of building widely distributed networked systems and who lean toward the "rough consensus and running code" school of systems building. WORLDS is a place to share new ideas, experiences, and work in progress, with an emphasis on systems that actually run in the wide area and the specific challenges they present for designers and researchers.

WORLDS '06 will be co-located with the 7th USENIX Symposium on Operating Systems Design and Implementation (OSDI '06), November 6–8, 2006. See http://www.usenix.org/osdi06 for details.

REGISTRATION / HOTEL

WORKSHOP REGISTRATION

Online pre-registration deadline: October 23, 2006
Register online at www.usenix.org/worlds06

Registration Fee: $200
WORLDS '06 registration fee includes:
- Admission to workshop sessions
- Access to WORLDS '06 Proceedings online
- Admission to workshop luncheon
- Wireless connectivity in workshop session area

HOTEL INFORMATION

**Hotel Discount Reservation Deadline:
October 16, 2006**

Red Lion Hotel on 5th Avenue
1415 5th Avenue
Seattle, WA 98101
206-971-8000 or 800-RedLion

Rate is $139 single/double plus 15.6% tax

WORKSHOP ORGANIZERS

PROGRAM CO-CHAIRS
David Andersen, *Carnegie Mellon University*
Neil Spring, *University of Maryland*

PROGRAM COMMITTEE
Mike Afergan, *Akamai*
Mike Dahlin, *University of Texas, Austin*
Marc Fiuczynski, *Princeton University*
Michael Freedman, *New York University*
Krishna Gummadi, *Max Planck Institute for Software Systems*
Dina Katabi, *Massachusetts Institute of Technology*
Jay Lepreau, *University of Utah*
Dan Rubenstein, *Columbia University*
Martin Swany, *University of Delaware*
Matt Welsh, *Harvard University*
Janet Wiener, *Hewlett-Packard*
Ming Zhang, *Microsoft Research*

http://www.usenix.org/worlds06

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PROGRAM

Sunday, November 5

8:45 a.m.–9:00 a.m.
Opening Remarks

9:00 a.m.–10:30 a.m.

MEASUREMENT AND MONITORING

Session Chair: Ming Zhang, *Microsoft Research*

Geolocalization on the Internet through Constraint Satisfaction
Bernard Wong, Ivan Stoyanov, and Emin Gün Sirer, *Cornell University*

A Platform for Unobtrusive Measurements on PlanetLab
Rob Sherwood and Neil Spring, *University of Maryland*

ConfiDNS: Leveraging Scale and History to Improve DNS Security
Lindsey Poole and Vivek Pai, *Princeton University*

10:30 a.m.–11:00 a.m.   Break

11:00 a.m.–noon

MANAGING SCARCE RESOURCES

Session Chair: Marc Fiuczynski, *Princeton University*

Resource Management for Global Public Computing: Many Policies Are Better Than (N)one
Evangelos Kotsovinos, *Deutsche Telekom Laboratories*; Iulia Ion, *International University in Germany*; Tim Harris, *Microsoft Research Cambridge*

Optimizing Grid Site Manager Performance with Virtual Machines
Ludmila Cherkasova, *Hewlett-Packard Labs*; Diwaker Gupta and Amin Vahdat, *University of California, San Diego*; Eygene Ryabinkin, Roman Kurakin, and Vladimir Dobretsov, *Russian Research Center "Kurchatov Institute"*

Noon–1:30 p.m.   Workshop Luncheon

1:30 p.m.–3:00 p.m.

PLANETPANEL

Learning from PlanetLab
Thomas Anderson, *University of Washington*; Timothy Roscoe, *Intel Research, Berkeley*

Panel: TBA

3:00 p.m.–3:30 p.m.   Break

3:30 p.m.–5:00 p.m.

TRENCHES

Session Chair: Michael Freedman, *New York University*

Towards Fingerpointing in the Emulab Dynamic Distributed System
Michael P. Kasick and Priya Narasimhan, *Carnegie Mellon University*; Kevin Atkinson and Jay Lepreau, *University of Utah*

Data Management for Internet-Scale Single-Sign-on
Sharon Perl, *Google*; Margo Seltzer, *Oracle Corporation and Harvard University*

A Distributed File System for a Wide-Area High Performance Computing Infrastructure
Edward Walker, *University of Texas at Austin*

5:30 p.m.–7:00 p.m.

DEMO SESSION

This year, WORLDS will again feature a demo session in which researchers will have the opportunity to demonstrate the real, running distributed systems they have built. The demo session will take place during the Welcome Get-Together for OSDI '06, which is co-located with WORLDS '06.