Join Us

Join us in Seattle, WA, November 8, 2006, for the second HotDep, a workshop that brings forth cutting-edge research ideas spanning the domains of fault tolerance/reliability and systems. HotDep centers on critical components of the infrastructures touching our everyday lives: operating systems, networking, security, wide-area and enterprise-scale distributed systems, mobile computing, compilers, and language design.

HotDep ’06 will be held immediately following 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/hotdep06

Registration Fee: $200
HotDep ’06 registration fee includes:
• Admission to workshop sessions
• Access to HotDep ’06 Proceedings online
• Admission to workshop dinner
• 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

SYMPOSIUM ORGANIZERS

PROGRAM CO-CHAIRS
George Candea, EPFL and Aster Data Systems
Ken Birman, Cornell University

PROGRAM COMMITTEE
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David Oppenheimer, University of California, San Diego
Geoff Voelker, University of California, San Diego
John Wilkes, Hewlett-Packard Labs

http://www.usenix.org/hotdep06
**PROGRAM**

**Wednesday, November 8**

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<th>Time</th>
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| 1:30 p.m.–3:30 p.m. | **Finding the Needle in the Haystack**  
Session Chair: Geoff Voelker, University of California, San Diego  
Comprehensive Depiction of Configuration-dependent Performance Anomalies in Distributed Server Systems  
Christopher Stewart, Ming Zhong, Kai Shen, and Thomas O’Neill, University of Rochester  
Static Analysis Meets Distributed Fault-Tolerance:  
Enabling State-Machine Replication with Nondeterminism  
Joseph G. Slember and Priya Narasimhan, Carnegie Mellon University  
Correlating Multi-Session Attacks via Replay  
Fareha Shafique, Kenneth Po, and Ashvin Goel, University of Toronto  
Automatic Online Failure Diagnosis at the End-User Site  
Joseph Tucek, Shan Lu, Chengdu Huang, Spiros Xanthos, and Yuanyuan Zhou, University of Illinois at Urbana-Champaign |
| 3:30 p.m.–4:00 p.m. | Break                                                                   |
| 4:00 p.m.–6:00 p.m. | **Pragmatic Choices for the New Age**  
Session Chair: Lorenzo Alvisi, University of Texas at Austin  
The Case for Byzantine Fault Detection  
Andreas Haeberlen, Max Planck Institute for Software Systems and Rice University; Petr Kouznetsov and Peter Druschel, Max Planck Institute for Software Systems  
Safe at Any Speed: Fast, Safe Parallelism in Servers  
John Jannotti and Kiran Pamnany, Brown University  
Chunksfs: Using Divide-and-Conquer to Improve File System Reliability and Repair  
Val Henson and Arjan van de Ven, Intel Open Source Technology Center; Amit Gud, Kansas State University; Zach Brown, Oracle, Inc.  
Towards a Dependable Architecture for Internet-Scale Sensing  
Rohan Narayana Murty and Matt Welsh, Harvard University |
| 6:00 p.m.–7:30 p.m. | Workshop Dinner                                                        |
| 7:30 p.m.–9:00 p.m. | **Hidden Gems (Extended Abstracts)**  
Session Chair: John Wilkes, Hewlett-Packard Labs  
Making Exception Handling Work  
Bruno Cabral and Paulo Marques, University of Coimbra, Portugal  
Speculations: Providing Fault-tolerance and Recoverability in Distributed Environments  
Cristian Tapus and Jason Hickey, California Institute of Technology  
Discrete Control for Dependable IT Automation  
Yin Wang, University of Michigan; Terence Kelly, Hewlett-Packard Labs; Stéphane Laforetune, University of Michigan  
SecondSite: Disaster Protection for the Common Server  
Brendan Cully, University of British Columbia; Andrew Warfield, University of Cambridge  
Abort, Retry, Litigate: Dependable Systems and Contract Law  
Hany E. Ramadan, University of Texas at Austin |
| 9:00 p.m.–9:30 p.m. | **Debate Panel**                                                        |

All 5 presenters from this session will take questions from the audience.