

**KEYNOTE ADDRESS**  
by Butler W. Lampson,  
Microsoft and MIT

**A six-day training and refereed  
technical program for security  
professionals, system and network  
administrators, and researchers**

## ***Cutting-Edge Security Developments from Industry Experts***

# **14<sup>th</sup> USENIX SECURITY SYMPOSIUM**

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### **NEW IN 2005! 3 DAYS OF IN-DEPTH TUTORIALS, INCLUDING:**

- Network Security Monitoring with Open Source Tools, by Richard Bejtlich
- Organizing a Cybersecurity Exercise, by Ron Dodge and Dan Ragsdale

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### **INVITED TALKS BY EXPERTS, INCLUDING:**

- Avi Rubin, Johns Hopkins University — “Electronic Voting in the U.S.: An Update”
- Ben Shneiderman, University of Maryland — “Human-Computer Interaction Opportunities for Improving Security”
- Pradeep Khosla, Carnegie Mellon University — “Cybersecurity: Opportunity and Challenges”

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# Training Program

See <http://www.usenix.org/sec05> for full program and descriptions

Sunday, July 31, 2005

<b>S1 HANDS-ON LINUX SECURITY CLASS: LEARN HOW TO DEFEND LINUX/UNIX SYSTEMS BY LEARNING TO THINK LIKE A HACKER (DAY 1 OF 2)</b> Rik Farrow, <i>Security Consultant</i>	<b>S2 BREAKING NEWS IN SECURE REMOTE ACCESS</b> Tina Bird, <i>InfoExpress</i>
<b>S3 SYSTEM LOG AGGREGATION, STATISTICS, AND ANALYSIS</b> Marcus Ranum, <i>Tenable Security, Inc.</i>	<b>S4 NETWORK SECURITY MONITORING WITH OPEN SOURCE TOOLS</b> Richard Bejtlich, <i>TaoSecurity.com</i>

Monday, August 1, 2005

<b>M1 HANDS-ON LINUX SECURITY CLASS: LEARN HOW TO DEFEND LINUX/UNIX SYSTEMS BY LEARNING TO THINK LIKE A HACKER (DAY 2 OF 2)</b> Rik Farrow, <i>Security Consultant</i>	<b>M2 ENDPOINT ENFORCEMENT &amp; NETWORK ACCESS CONTROL</b> Tina Bird, <i>InfoExpress</i>
<b>M3 BUILDING SECURITY IN: HOW YOU CAN DO SOFTWARE SECURITY</b> Gary McGraw, <i>Cigital</i>	<b>M4 NETWORK INCIDENT RESPONSE</b> Richard Bejtlich, <i>TaoSecurity.com</i>

Tuesday, August 2, 2005

<b>T1 SOLARIS 10 SECURITY FEATURES WORKSHOP</b> Peter Baer Galvin, <i>Corporate Technologies</i>	<b>T2 DDOS FOR FUN AND PROFIT</b> Sven Dietrich, <i>CERT Research, Carnegie Mellon University</i> David Dittrich, <i>University of Washington</i>
<b>T3 ORGANIZING A CYBERSECURITY EXERCISE</b> Ron Dodge and Dan Ragsdale, <i>United States Military Academy</i>	<b>T4 SECURITY STANDARDS AND WHY YOU NEED TO UNDERSTAND THEM</b> Brad C. Johnson and Richard E. Mackey, Jr., <i>SystemExperts Corporation</i>

# Technical Sessions

See <http://www.usenix.org/sec05> for full program and descriptions

Wednesday, August 3, 2005

<b>KEYNOTE ADDRESS</b> Butler W. Lampson, <i>Microsoft and MIT</i>	
<b>REFEREED PAPERS SESSION: Securing Real Systems</b> Session Chair: Adrian Perrig, <i>Carnegie Mellon University</i>	<b>INVITED TALK: Human-Computer Interaction Opportunities for Improving Security</b> Speaker: Ben Shneiderman, <i>University of Maryland</i>
<b>PANEL: TBA</b>	<b>INVITED TALK: Homeland Security: Networking, Security, and Policy</b> Speaker: Douglas Maughan, <i>DHS, HSARPA</i>
<b>REFEREED PAPERS SESSION: Diagnosing the Net</b> Session Chair: Angelos Keromytis, <i>Columbia University</i>	<b>INVITED TALK: Electronic Voting in the United States: An Update</b> Speaker: Avi Rubin, <i>Johns Hopkins University</i>

Thursday, August 4, 2005

<b>REFEREED PAPERS SESSION: Managing Secure Networks</b> Session Chair: Adam Stubblefield, <i>Johns Hopkins University</i>	<b>INVITED TALK: Cybersecurity: Opportunity and Challenges</b> Speaker: Pradeep Khosla, <i>Carnegie Mellon University</i>
<b>PANEL: TBA</b>	<b>INVITED TALK: Treacherous or Trusted Computing</b> Speaker: Bill Arbaugh, <i>University of Maryland</i>
<b>REFEREED PAPERS SESSION: Attacks</b> Session Chair: R. Sekar, <i>Stony Brook University</i>	<b>INVITED TALK: How to Find Serious Bugs in Real Code</b> Speaker: Dawson Engler, <i>Stanford University</i>
<b>REFEREED PAPERS SESSION: Protecting the Network</b> Session Chair: Niels Provos, <i>Google</i>	<b>INVITED TALK: Open Problems with Certifying Compilation</b> Speaker: Greg Morrisett, <i>Harvard University</i>

Friday, August 5, 2005

<b>REFEREED PAPERS SESSION: Defenses</b> Session Chair: Yoshi Khono, <i>University of California, San Diego</i>	<b>INVITED TALK: What Are We Trying to Prove? On the Relevance of Certified Code to Computer Security</b> Speaker: Peter Lee, <i>Carnegie Mellon University</i>
<b>REFEREED PAPERS SESSION: Building Secure Systems</b> Session Chair: Somesh Jha, <i>University of Wisconsin, Madison</i>	<b>INVITED TALK: Four Lightning Talks</b> Speaker: Ben Laurie, <i>The Bunker</i>