A five-day tutorial and refereed technical program for security professionals, system and network administrators, and researchers

Keynote Address
Richard A. Clarke,
Chairman, Good Harbor Consulting LLC

2 DAYS OF IN-DEPTH TUTORIALS, INCLUDING
• TCP/IP Weapons School, by Richard Bejtlich
• Understanding and Addressing the Threat of Internet Worms, by Vern Paxson, Stefan Savage, Geoff Voelker, and Nicholas Weaver

TECHNICAL PROGRAM
22 refereed papers and 2 panels on the best new research, including intrusion detection, system assurance, and static analysis for security

INVITED TALKS BY EXPERTS, INCLUDING
• Matt Blaze, University of Pennsylvania: “Signaling Vulnerabilities in Law Enforcement Wiretapping Systems”
• Ed Felten, Princeton University: “DRM Wars: The Next Generation”

www.usenix.org/security06

Register by July 10, 2006, and save!
## MONDAY, JULY 31, 2006
**Full Day (9:00 a.m.–5:00 p.m.)**

<table>
<thead>
<tr>
<th>M1</th>
<th>Richard Bejtlich</th>
<th><strong>NEW!</strong> TCP/IP Weapons School (Day 1 of 2)</th>
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<tbody>
<tr>
<td>M2</td>
<td>Sven Dietrich</td>
<td><strong>NEW!</strong> DDoS for Fun and Profit</td>
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<tr>
<td>M3</td>
<td>Dan Geer</td>
<td><strong>NEW!</strong> Measuring Security</td>
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<tr>
<td>M4</td>
<td>Steven M. Bellovin</td>
<td><strong>NEW!</strong> Introduction to Practical Cryptography</td>
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## TUESDAY, AUGUST 1, 2006
**Full Day (9:00 a.m.–5:00 p.m.)**

<table>
<thead>
<tr>
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<th>Richard Bejtlich</th>
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<td>T2</td>
<td>Vern Paxson, Stefan Savage, Geoff Voelker, and Nicholas Weaver</td>
<td><strong>NEW!</strong> Understanding and Addressing the Threat of Internet Worms</td>
</tr>
<tr>
<td>T3</td>
<td>Kevin Fu, Adam Stubblefield, and Ari Juels</td>
<td><strong>NEW!</strong> RFID Security &amp; Privacy</td>
</tr>
<tr>
<td>T4</td>
<td>Abe Singer and Paul Robertson</td>
<td><strong>NEW!</strong> Security Without Firewalls</td>
</tr>
</tbody>
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## WEDNESDAY, AUGUST 2
**9:00 a.m.–10:30 a.m.**
Opening Remarks, Awards, and Keynote

**KEYNOTE ADDRESS**
The Current State of the War on Terrorism and What It Means for Homeland Security and Technology
Richard A. Clarke, Chairman, Good Harbor Consulting LLC

**10:30 a.m.–11:00 a.m.** Break

**11:00 a.m.–12:30 p.m.** REFEREED PAPERS

**AUTHENTICATION**
Session Chair: Tara Whalen, Dalhousie University

**INVITED TALKS**
Selling Security to Software Developers: Lessons Learned While Building a Commercial Static Analysis Tool
Brian Chess, Fortify Software

12:30 p.m.–2:00 p.m. Lunch (on your own)

**2:00 p.m.–3:30 p.m.** INVITED TALKS

Security Vulnerabilities, Exploits, and Attack Patterns: 15 Years of Art, Pseudo-Science, Fun, and Profit
Ivan Arce, Core Security Technologies

3:30 p.m.–4:00 p.m. Break

## THURSDAY, AUGUST 3

**9:00 a.m.–10:30 a.m.** REFEREED PAPERS

Software
Session Chair: Anil Somayaji, Carleton University

**INVITED TALKS**
Signaling Vulnerabilities in Law Enforcement Wiretapping Systems
Matt Blaze, University of Pennsylvania

10:30 a.m.–11:00 a.m. Break

**11:00 a.m.–12:30 p.m.** REFEREED PAPERS

Network Security
Session Chair: John Ioannidis, Columbia University

**INVITED TALKS**
Turing Around the Security Problem
Crispin Cowan, Director of Software Engineering, Novell

12:30 p.m.–2:00 p.m. Lunch (on your own)

**2:00 p.m.–3:30 p.m.** PANEL

Major Security Blunders of the Past 30 Years

**INVITED TALKS**
Aspect-Oriented Programming: Radical Research in Modularity
Gregor Kiczales, Professor, Department of Computer Science, University of British Columbia

3:30 p.m.–4:00 p.m. Break

**4:00 p.m.–5:30 p.m.** REFEREED PAPERS

Static Analysis for Security
Session Chair: David Wagner, University of California, Berkeley

**INVITED TALKS**
Surviving Moore's Law: Security, AI, and Last Mover Advantage
Paul Kocher, Cryptography Research

6:00 p.m.–7:00 p.m. POSTER SESSION AND RECEPTION
Session Chair: Radu Sion, Stony Brook University

## FRIDAY, AUGUST 4

**8:30 a.m.–10:30 a.m.** REFEREED PAPERS

Intrusion Detection
Session Chair: R. Sekar, Stony Brook University

**9:00 a.m.–10:30 a.m.** INVITED TALKS

**10:30 a.m.–11:00 a.m.** Break

**11:00 a.m.–12:30 p.m.** REFEREED PAPERS

System Assurance
Session Chair: Vassilis Prevelakis, Drexel University

**INVITED TALKS**
Academic Department or Corporate Lab, Which Fits?
Bill Aiello, Professor and Chair, Department of Computer Science, University of British Columbia

12:30 p.m.–2:00 p.m. Lunch (on your own)

**2:00 p.m.–3:30 p.m.** WORK-IN-PROGRESS REPORTS (WIPS)
Session Chair: Doug Szajda, University of Richmond