15th USENIX SECURITY SYMPOSIUM
VANCOUVER, B.C., CANADA   July 31–Aug. 4, 2006

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"

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

Sponsored by

USENIX
The Advanced Computing
Systems Association

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.)

M1	Richard Bejtlich	**NEW!** TCP/IP Weapons School (*Day 1 of 2*)
M2	Sven Dietrich and David Dittrich	DDoS for Fun and Profit
M3	Dan Geer	**NEW!** Measuring Security
M4	Steven M. Bellovin	**NEW!** Introduction to Practical Cryptography

TUESDAY, AUGUST 1, 2006
Full Day (9:00 a.m.–5:00 p.m.)

T1	Richard Bejtlich	**NEW!** TCP/IP Weapons School (*Day 2 of 2*)
T2	Vern Paxson, Stefan Savage, Geoff Voelker, and Nicholas Weaver	**NEW!** Understanding and Addressing the Threat of Internet Worms
T3	Kevin Fu, Adam Stubblefield, and Ari Juels	**NEW!** RFID Security & Privacy
T4	Abe Singer and Paul Robertson	**NEW!** Security Without Firewalls

TECHNICAL SESSIONS

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

4:00 p.m.–5:30 p.m.
REFEREED PAPERS

Attacks
Session Chair: Niels Provos, *Google*

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

DRM Wars: The Next Generation
Ed Felten, *Princeton University*

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*