

APPENDIX I

Conference Agenda

INTERNATIONAL COOPERATION TO
COMBAT CYBER CRIME AND TERRORISM

A National Security Forum Sponsored by

The Consortium for
Research on Information
Security and Policy (CRISP)

Hoover
Institution

The Center for
International Security and
Cooperation (CISAC)

*Stauffer Auditorium, Hoover Institution
Stanford University, Stanford, California*

December 6–7, 1999

MONDAY, DECEMBER 6, 1999

- 1:00 PM *Welcome and Introduction*
John Raisian, *Hoover Institution*
- 1:15 PM *Session One: Dimensions of the Problem.* (Evaluation of the nature of cyber crimes, including terrorist acts, their costs, and how they threaten cyber commerce and critical national and international infrastructure.)
Moderator: Michael M. May, *CISAC*
Speaker: Peter G. Neumann, *SRI: Dimensions of the Problem*
Panelists: Richard Power, *Computer Security Institute*:
Estimating the Cost of Cyber Crime
Alan B. Carroll, *National Infrastructure Protection Center*,
FBI: Cyber Terrorism

- 2:15 PM *Session Two: International Response to Cyber Crime.* (Outline of legal initiatives around the world to combat cyber crime and consideration of the extent of consensus reflected by those initiatives, including prohibited categories of acts that are candidates for an international agreement.)
Moderator: David D. Elliott, *CRISP*
Speakers: Marc D. Goodman, *Hoover/CISAC: The Emerging Consensus on Criminal Conduct in Cyberspace*
Dietrich Neumann, *EU: European Perspective*
George C. C. Chen, *Tsai, Lee & Chen, Taiwan: Asian Perspective*
Susan Brenner, *University of Dayton School of Law: U.S. Survey*
Drew C. Arena, *U.S. Dept. of Justice: Multilateral Initiatives*
- 3:45 PM BREAK
- 4:15 PM *Session Three: Threatened Infrastructure—Civil Aviation as an Example.* (Civil air travel is a major world infrastructure, increasingly dependent on information technologies. The universal desire for safe air travel has enabled a worldwide consensus to prohibit acts endangering civilian aircraft in international treaties. This Session will examine the potential contribution of treaties in combating threats to essential aviation information systems.)
Moderator: Seymour E. Goodman, *CRISP*
Speaker: Hal Whiteman, *Transport Canada: The Seriousness of the Cyber Threat to Airline Security and the Importance of International Cooperation*
Panelists: Vidyut Patel, *U.S. FAA: The Civil Aviation Information System Infrastructure and International Interdependence*
Peter G. Neumann, *SRI: Civil Aviation IS at Risk*
Mariano-Florentino Cuéllar, *Stanford: International Aviation Agreements on Terrorism as Precedents*
- 5:30 PM BREAK
- 6:30 PM RECEPTION at the Stanford Faculty Club
- 7:15 PM DINNER in the Main Dining Room, Stanford Faculty Club (seating for dinner may be limited)

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8:15 PM Keynote Speaker: William J. Perry, *Hoover Institution/CISAC*
 Introduced by: John Raisian, *Hoover Institution*

TUESDAY, DECEMBER 7, 1999

8:30 AM CONTINENTAL BREAKFAST

9:00 AM *Session Four: The Technology of Cooperation.* (General discussion of existing and potential uses of technologies through international cooperation to deter, prevent, identify, investigate, and prosecute consensus cyber crimes.)
 Moderator: John Markoff, *New York Times*
 Speakers: Robert E. Kahn, *Corporation for National Research Initiatives: The Role of Technology*
 Steven D. Rizzi, *Science Applications International Corp.: The Limits of Technology*
 Thomas A. Longstaff, *Carnegie Mellon University: Trends in Network Attacks*
 Raymond C. Parks, *Sandia National Laboratories: Cyber Terrorism Modeling*
 Joseph Betser, *The Aerospace Corp.: Tracking Cyber Attacks*
 William R. Cheswick, *Lucent Technologies: Forensic Challenges*

10:15 AM BREAK

10:45 AM *Session Five: Proposed Technological Measures.* (Description and discussion of specific measures to achieve security objectives through international technological cooperation.)
 Moderator: Stephen J. Lukasik, *CRISP*
 Speakers: K. C. Claffy, *San Diego SuperComputer Center, UCSD: Understanding Internet Traffic*
 Barry Raveendran Greene, *Cisco Systems: Role of Router Hardware and Software*
 Randall E. Smith, *Boeing: Network Intrusion Detection*
 Michael Erlinger, *Harvey Mudd College/Internet Engineering Task Force: Internet Protocols*
 Clifford Neuman, *USC/Information Sciences Institute: Distributed Authentication Mechanism*

12:00 PM LUNCH outside Stauffer Auditorium

- 1:00 PM Keynote Speaker: Raisuke Miyawaki, *Ochanomizu Associates, Tokyo*
Introduced by: Seymour E. Goodman, *CRISP*
- 1:45 PM *Session Six: Constraints on Cooperation.* (Consideration of constitutional, legal, economic, and ethical constraints on use of technology to control cyber crime. Focus on the application of concepts such as privacy, probable cause, etc. to the realities of modern information systems and the proposals made in Session Five.)
Moderator: George L. Fisher, *Stanford Law School*
Speakers: Barry Steinhardt, *ACLU*
Dorothy E. Denning, *Georgetown University*
Caspar Bowden, *Foundation for Information Policy Research, London*
David J. Thelander, *Charles Schwab & Co., Inc.*
Whitfield Diffie, *Sun Microsystems*
Boaz Gutman, *Israeli National Police*
- 3:15 PM BREAK
- 3:45 PM *Session Seven: Legal Mechanisms for International Cooperation.* (Discussion of mechanisms for cooperation in draft international convention, including provisions related to jurisdiction, evidentiary cooperation, extradition, assistance to cooperating states, sanctions for noncooperation.)
Moderator: Abraham D. Sofaer, *Hoover Institution*
Speaker: Ariel T. Sobelman, *Jaffee Center, Tel Aviv University*:
The Case for an International Treaty on Cyber Crime
Panelists: Gregory D. Grove, *CRISP: Defining Consensus Crimes*
Jack L. Goldsmith, *University of Chicago School of Law*:
Resolving Jurisdictional Conflicts
Stein Schjolberg, *Chief Judge, Moss City, Norway*: Protecting Privacy and Other Rights
- 5:15 PM *Session Eight: Wrap-Up Presentation by Conference Co-Chairs.*
- 5:30 PM CONFERENCE ENDS