

Session 5: Overview of Stakeholder Activities: Who is Doing What in Cybersecurity?

Activities of the Permanent Monitoring
Panel on Information Security of the
World Federation of Scientists



The World Federation of Scientists

- Founded in 1973
- World-wide prestigious membership
- Interdisciplinary, ethics of free information flows
- Focus: From nuclear war perspective to planetary emergencies
- The fragilities of modern global society
- Cyber insecurity as a planetary emergency
- 2001: Permanent Monitoring Panel on Information Security



The Permanent Monitoring Panel

- Interdisciplinary method
- Widely distributed membership
- Work priority 1: cyber conflict - cyber war, cyber terrorism
- Work priority 2: quest for universal strategies
- Work priority 3: cybersecurity in the context of the digital divide



Focus on cyberwar

- Analyzing new scenarios and needs
- Redefining international law for cyberspace



Focus on universal formats and rules

- *“Toward a Universal Order of Cyberspace: Managing Threats from Cybercrime to Cyberwar”*
- A Law of Cyberspace
- A nascent international cybersecurity regime
- Harmonizing national cyberlaw systems

Focus on cybersecurity in the context of the Digital Divide

- Capacity building and security building: a twin task
- Designing for information security
- Broadening and improving the CERT framework
- Cost-effective cybersecurity solutions for nascent information societies
- An effective transnational anti-spyware strategy
- Cyber repression: denial of information access through Internet censorship

Generating synergies among civil society stakeholders

- More interaction and networking
- Collective efforts to promote a culture of cybersecurity
- A central information marketplace