



Symposium: Internet Governance and Security: Exploring Global and National Solutions

Swiss Embassy
Chancery Building, Multipurpose Room
2900 Cathedral Ave. N.W. (Metro: Red Line, Woodley)
Washington, DC
May 17, 2007, 2:00 pm – 6:00 pm

This symposium on Internet Governance and Internet security will explore the relationships between global and national Solutions to problems of cyber crime and cyber security. The meeting will focus on the tensions and complementarities between global and national policy making for issues related to the security and privacy of commerce and communication on the Internet. Three academic institutions are cooperating to define the program: Syracuse University School of Information Studies; the George Mason University Law School's Critical Infrastructure Protection Program; The Swiss Federal Institute of Technology at Lausanne. The meeting coincides with the US module of the EPFL's global Executive Master's in e-governance, which will bring 20 students and participants in the program to Washington.

Most cyber security initiatives are undertaken at the national level. But the Internet is a global infrastructure and effective policy often requires a globally coordinated effort. New global institutions such as ICANN and the Internet Governance Forum have been created to meet the need for global coordination and policy development. Older international institutions, such as the ITU and the United Nations, also wish to play a role. And powerful national governments such as the United States and China can often exert international influence over Internet policy. Many times these different sources of authority work at cross purposes or compete for influence. Often there are disagreements or uncertainties about what is the proper role of nations, international organizations, the private sector and the technical community.

This symposium will explore these issues, attracting an elite audience of technical experts, policy academics, U.S. and international policy makers in government, and industry players. They will identify and discuss Internet governance issues such as the security of the domain name system (DNSSEC), spam and cybercrime, identity and identification, and private sector security regimes in sectors such as banking.



Program

2:00 Welcome

Ambassador Urs Ziswiler, Switzerland

Milton Mueller, Syracuse University iSchool, Internet Governance Project

Matthias Finger, Swiss Federal Polytechnical Institute (EPFL)

John McCarthy, Critical Infrastructure Protection Program, GMU Law School

Panels

2:10 – 3:30 Panel 1

Securing the Root: The Politics and Economics of DNSSEC

Moderator: Brenden Kuerbis, Syracuse University

Panelists:

Scott Rose, NIST

Becky Burr, Wilmer Hale, Washington DC

David Conrad, ICANN/IANA

Paul Vixie, ISC

Thierry Moreau, Connotech, Canada

Matt Larson, VeriSign

3:45 – 4:45 Panel 2

Taking Charge: Public Sector Plans and Private Sector Priorities

John A. McCarthy, George Mason University School of Law

Jim Kadtke, NDU

John Sabo, CA / IT-ISAC

Marcus Sachs, SRI International

Jody Westby, Global Cyber Risk

5:00 – 6:00 Panel 3

Privacy and Identity in the Digital World: National Interest, Global Governance

Panelists:

David Johnson, New York Law School

Milton Mueller, Syracuse University School of Information Studies

Marc Rotenberg, EPIC

Margie Milam, MarkMonitor

6:30: Reception

Swiss Residence, 2920 Cathedral Ave.

**Sponsors: Wilmer Hale and Syracuse University
(Invitation only)**



Speakers List

Internet Governance and Security:
Exploring Global and National Solutions

Panel 1

Brenden Kuerbis, Syracuse University

Brenden Kuerbis is a doctoral candidate at Syracuse University's School of Information Studies, where he does research on the political economy of communication and information policy (CIP), using the theoretical tools of institutional analysis, standardization, international relations and both historical and quantitative social science methods. His thesis topic is DNSSEC development and adoption.

Paul Vixie, Internet Systems Consortium

Paul Vixie is President of the Internet Systems Consortium, which he founded in 1994. He is an active participant in the IETF working groups developing the DNSSEC protocol. He has been contributing to Internet protocols and UNIX systems as a protocol designer and software architect since 1980. ISC's mission is developing and maintaining production quality open source reference implementations of core Internet protocols, such as BIND and DHCP, and evolving those standards. In 1995, Paul co-founded PAIX (Palo Alto Internet Exchange), which was sold to AboveNet in 1999, who in turn named Paul its Chief Technology Officer in 2000, and then President of the PAIX subsidiary in 2001.

David Conrad, ICANN

David Conrad works for ICANN as the General Manager of the Internet Assigned Numbers Authority (IANA). A long time participant in Internet technical circles, he was founder and Director-General of the Asia-Pacific Network Information Center (APNIC). Conrad served as a board member of the North American regional IP address registry, ARIN, from 2000 to 2005 and as ARIN treasurer from 2004 to 2005. He was Executive Director of the Internet Software Consortium from 1998 - 2001 and founder and CTO of Nominum, Inc. from 2001 - 2005.

Thierry Moreau, Connotech

Thierry Moreau, B.Sc., MBA, has been involved in the design and implementation of innovative computer software and specialized electronic products for 25 years. He consults in the area of IT security. He made research contributions in the field of applied cryptography, and holds a few patents related to this field. He contributes to the



understanding of DNSSEC deployment challenges on the technological and institutional fronts by sharing research contributions in various forums.

Scott Rose, NIST

Scott Rose works as a computer scientist at the National Institute for Standards and Technology (NIST). He was on the editor team that produced the latest version of the DNS Security Extensions and co-author of NIST Special Publication 800-81: Secure Domain Name System (DNS) Deployment Guide. Scott received his BA in computer science from The College of Wooster, and a MS degree in Computer Science from UMBC.

Matt Larson, VeriSign

Matt Larson works for VeriSign's Naming and Directory Services. He started Acme Byte & Wire, a company specializing in DNS consulting and training, with Cricket Liu in January 1997. Previously, he worked for Hewlett-Packard, as hp.com hostmaster, then as a consultant in HP's Professional Services Organization. Matt graduated from Northwestern University in 1992 with two degrees: a bachelor of arts in computer science and a bachelor of music in church music/organ performance.

Becky Burr, Wilmer Cutler Pickering Hale and Dorr, LLP

J. Beckwith ("Becky") Burr is a partner at Washington, DC law firm, Wilmer Cutler Pickering Hale and Dorr, LLP. At WilmerHale Becky focuses on the regulatory and transactional aspects of e-commerce law. As an Attorney-Advisor at the Federal Trade Commission (January 1995 - June 1997), Ms. Burr was responsible for competition and consumer protection policy in connection with information industry and electronic information infrastructure. At the National Telecommunications and Information Administration ("NTIA") from 1997 - 2000, Becky was responsible for Internet and information technology policy as well as international telecommunications and information technology policies. As a member of the Clinton Administration's inter-agency task force on e-commerce, she was responsible for development and implementation of Administration policy on Internet governance and privacy and chaired the US working group on privatization of the Internet domain name system.

Panel 2

John A. McCarthy, George Mason University School of Law

John A. McCarthy is the Director and Principal Investigator of the Critical Infrastructure Protection Program at the George Mason University School of Law, where he also holds a faculty appointment as Research Professor of Security Studies. Prior to joining the CIP Program, Mr. McCarthy was a Director in KPMG's Mid-Atlantic Risk and Advisory Services practice in Washington, D.C. Mr. McCarthy has served as the National Y2K Information Coordination Center (ICC) Deputy Director for Cyber Assurance, and as a member of the professional staff of the Critical Infrastructure Assurance Office (CIAO).



Mr. McCarthy holds a B.A. degree in Psychology from The Citadel - Military College of South Carolina, and an M.S. in Information Resource Management from Syracuse University.

Jim Kadtke, National Defense University

Jim Kadtke is a Senior Fellow at the National Defense University in Washington, D.C., and has recently served as Executive Director of the Accelerating Innovation Foundation. From 1999 to 2001 he was a Fellow at the Rand Science and Technology Policy Institute, supporting the White House Office of Science and Technology Policy, and afterward spent a year on the Science Committee in the U.S. House of Representatives. He then served over three years on the staff of Senator John Warner of Virginia, where he handled technology, defense, and homeland security issues. He received his PhD in physics from Brown University in 1987.

John Sabo, CA, Inc. IT-ISAC

John Sabo Director of Security and Privacy Initiatives for Computer Associates Federal Division and is the President of the Information Technology Information Sharing and Analysis Center (IT-ISAC), He is an appointed member of the Information Security and Privacy Advisory Board (ISPAB), and member of the Homeland Security Policy Task Force and Privacy Subcommittee of the U.S. Chamber of Commerce. Prior to his work in the private sector, Mr. Sabo was Director of the Social Security Administration's Electronic Services Staff. He holds degrees from King's College (Pennsylvania) and the University of Notre Dame, and is a Certified Information Systems Security Professional (CISSP).

Marcus Sachs, SRI International

Marcus Sachs is the Deputy Director of the Computer Science Laboratory at SRI International. He has previously served on the staff of the National Security Council as the Director for Communication Infrastructure Protection in the White House Office of Cyberspace Security, and on the staff of the President's Critical Infrastructure Protection Board. Mr. Sachs has an M.S. in Computer Science with a concentration in Information Security from James Madison University, an M.S. in Science and Technology Commercialization from the University of Texas, and a Bachelor of Civil Engineering degree from the Georgia Institute of Technology.

Jody Westby, Global Cyber Risk

Jody Westby is the CEO of Global Cyber Risk. She is chair of the ABA's Privacy and Computer Crime Committee and was chair, co-author and editor of its *International Guide to Combating Cybercrime, International Guide to Cyber Security, International Guide to Privacy, and Roadmap to an Enterprise Security Program*. Westby is a member of the World Federation of Scientists' Permanent Monitoring Panel on Information Security and represents the American Bar Association on the Board of the National Conference of Lawyers and Scientists. She holds a BA, summa cum laude, from the



University of Tulsa and a JD, magna cum laude, from Georgetown University Law Center, Order of the Coif.

Panel 3

Milton Mueller, Syracuse University and Internet Governance Project

Milton Mueller is Professor at Syracuse University School of Information Studies and directs the School's Graduate Program in Telecommunications and Network Management. He received the Ph.D. from the University of Pennsylvania in 1989. He was one of the founders of the Internet Governance Project (IGP) and the author of *Ruling the Root: Internet Governance and the Taming of Cyberspace* (MIT Press, 2002).

David Johnson, New York Law School

David Johnson is a noted author on Internet governance and can be credited or blamed with influencing the design of ICANN. He is on the faculty of the New York Law School as a visiting professor of law. He is a faculty member of the Institute for Information Law and Policy where he directs the Certificate of Mastery in Digital Law Practice Technology program. He recently retired as a partner of Wilmer, Cutler & Pickering and is devoting substantial time to the development of new types of "graphical groupware" software products.

Marc Rotenberg, EPIC

Marc Rotenberg is Executive Director of the Electronic Privacy Information Center (EPIC) in Washington, DC. He teaches information privacy law at Georgetown University Law Center and has testified before Congress on many issues, including access to information, encryption policy, consumer protection, computer security, and communications privacy. He is a graduate of Harvard College and Stanford Law School. He served as Counsel to Senator Patrick J. Leahy on the Senate Judiciary Committee after graduation from law school. He is the recipient of several awards, including the World Technology Award in Law.

Margie Milam, MarkMonitor

Margie Milam is the Vice President, General Counsel and Corporate Secretary of MarkMonitor Inc., an ICANN accredited registrar and a leading provider of online identity protection services for the world's largest corporations. An expert on domain name issues, Ms. Milam regularly advises companies on protecting their brands on the internet against infringement and fraudulent activities through innovative domain name portfolio management and internet monitoring techniques.



Urs Ziswiler, Swiss Ambassador the United States

Ambassador Ziswiler arrived in Washington, D.C. as Swiss Ambassador the United States in May 2006. Prior to his current posting, he served as Head of the Political Directorate of the Federal Department of Foreign Affairs in Bern, the second highest ranking diplomat in the Swiss Foreign Service. In this capacity, he was also Vice-Chairman of the Presence Switzerland (PRS) Commission, Switzerland's public outreach agency.