Digital Libraries Colloquium Series

The future of libraries & information technologies

DAVID FARBER

Crossing a Minefield: Current Problems with Internet Technology and Policy

Thursday, October 12 noon-1 p.m.

**Connan Room
University Center
Carnegie Mellon University**

ABSTRACT There has been a raging argument in the U.S. over how Internet access should be priced and controlled. The players have often used emotional words to describe the issues. Rarely does debate focus on understanding the implications of proposed directions on future technologies and services that might be offered.

Recently the issues were debated in a event sponsored by the Center for American Progress, "The Great Debate: What Is Net Neutrality?" Speakers were Vinton G. Cerf, Vice President and Chief Internet Evangelist, Google; and Dave Farber, Distinguished Career Professor of Computer Science and Public Policy, Carnegie Mellon University.

This talk, based on the results of the debate, will address the following issues:

- Impact that networking has had on the world from both a technical and societal view
- Current chaos on the Internet e.g. spam and other nasty pests and what can be done
- Trade-offs across interconnections, privacy, government security and individual freedom
- Current wars over Net Neutrality

BIO David Farber is the Distinguished Career Professor of Computer Science and Public Policy in the School of Computer Science at Carnegie Mellon. In 2003, he retired from the University of Pennsylvania where he held the Moore Chair of Telecommunications. From 2000 to 2001, he was Chief Technologist for the FCC. He has held positions at Bell Labs, Rand Corporation, Xerox Data Systems, University of California at Irvine and the University of Delaware.

His contributions to computer science include creation of the SNOBOL programming language and the first operational distributed computer, DCS. He is a Fellow of the ACM and IEEE. He serves on the Board of Trustees of the EFF. He has served on the U.S. President's Information Technology Advisory Committee. He was awarded the Sigcomm Award for lifelong contributions to communications and Philadelphia's John Scott Award for Contributions to Humanity.

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