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Federal Communications Commission
TPRC 2002 Program

Saturday, September 28, 2002

1:00pm - 7:00pm
REGISTRATION
East Lower Foyer

TUTORIALS

2:00pm - 3:15pm
Beech Room

Session 1: Patriot Act After 1 Year
Alan Davidson, Center for Democracy and Technology
Orin Kerr, George Washington University Law School
With members of the law enforcement community and the private sector

This tutorial will provide an overview of the Patriot Act and investigate some of the arguments both for and against the Act. Our speakers represent various perspectives on the legislation and will discuss some of the pragmatic difficulties of implementing the Act’s provisions, as well as the Constitutionally based questions it raises.

3:30pm - 5:30pm
Plaza Ballroom C

Session 2: Comparing Telecommunications Policy Choices Among the U.S., Canada, and the E.U. Through Examination of Varying Governance Structures
Martin Cave, Warwick Business School, University of Warwick, UK
Jean Paul Simon, France Telecom
Willie Grieve, Telus, Canada
Peter Cowhey (invited), University of California, San Diego

5:30pm - 6:30pm
Outside Terrace

RECEPTION

6:30pm - 7:30pm
Terrace Ballroom

DINNER

7:30pm - 9:00pm
Terrace Ballroom

OPENING PLENARY SESSION

National Security and the Fourth Amendment: An End Run Around the Constitution
Barry Steinhardt, Associate Director, ACLU Cyber-liberties Task Force
Sunday, September 29, 2002

7:30am - 4:00pm
REGISTRATION
East Lower Foyer

7:30am - 8:30am
BREAKFAST
Magnolia Room

8:30am - 10:10am
Broadband Policy, Deployment, and Uptake in the U.S.
Moderator: Jessica Zufole, NARUC

Whither Broadband Policy?
Johannes M. Bauer, Ping Gai, Junghyun Kim, Thomas A. Nuth, and
Steve S. Wildman

Broadband: Bringing Home the Bits
Jon Eisenberg

The Prospects for Broadband Deployment in Rural America
Sharon Strover

8:30am - 10:10am
Regulation and Code
Moderator: Rick Whitt, WorldCom

Plaza I and II

Modeling Regulatory Distortions with Real Options
James Alleman and Paul Rappoport

A Question of Timing: A British Perspective on the Regulation
of Charges and Cost Recovery
Geoffrey Myers

Governance Characteristics of “Code”: The Role of
Transparency, Defaults, and Standards
Rajiv C. Shah and Jay P. Kesan

Cyberspace Technological Standardization: An Institutional
Theory Retrospective on the Generation Edge
Daniel Benoliel, Student Paper Competition

Papers will be presented in the order listed in the program.
Authors have 15 minutes for their presentation.
There will be eight minutes for questions and answers after each paper.
8:30am - 10:10am
Plaza Ballroom C

New New Economy
Moderator: John Horrigan, Pew Internet and American Life Project

Caught in the World Wide Web: Patterns of Control over Personal Information Flow in the E-Commerce Environment
Jenifer Neidhart de Ortiz

Would B2B Exchanges Have Antitrust Issues?
Tair-Rong Sheu

Inferring Competition from Prices: Evidence from Online Grocery Markets
Michael R. Ward

8:30am - 10:10 a.m.
Plaza III

Privacy
Moderator: Paula Bruening, Center for Democracy and Technology

Can User Agents Accurately Represent Privacy Notices?
Lorrie Faith Cranor and Joel R. Reidenberg

The Uneasy Case for National ID Cards as a Means to Enhance Privacy
A. Michael Froomkin

Principles and Regulations About Online Privacy: “Implementation Divide” and Misunderstandings in the European Union
Nicola Lugaresi

Technology, Geography, Economics, and Regulation: Factors Affecting Surveillance and Privacy in the Implementation of Wireless 9-1-1
Colin Bennett, David Phillips, and Priscilla M. Regan

10:10am - 10:40am
East Lower Foyer

COFFEE BREAK

10:40am - 12:20pm
Beech Room

Broadband Policy, Deployment, and Uptake in International Markets
Moderator: Barbara Cherry, Federal Communications Commission

Universal Global Interconnection After INTELSAT
Kenneth Katkin
Deployment of Broadband Infrastructure in the E.U.: Is State Intervention Necessary?
Michelle Kosmidis

The Potential Relevance to the United States of the European Union’s Newly Adopted Regulatory Framework for Telecommunications
J. Scott Marcus

10:40am - 12:20pm
Plaza I and II

Concepts of Cyberspace
Moderator: Paul Margie, Federal Communications Commission

Will the Real “Internet” Please Stand up?
Robert Cannon

Seizing Power in the Information Environment: The Comeback of the State
Michael D. Birnhack and Niva Elkin-Koren

Cyberspace as Place
Dan Hunter

Place and Cyberspace
Mark Lemley

10:40am - 12:20pm
Plaza Ballroom C

Standards
Moderator: Lorrie Cranor, AT&T Labs-Research

Strangers in a Strange Land: Public Interest Advocacy and Internet Standards
Alan Davidson, John Morris, and Robert Courtney

Standards Coalitions Formation and Market Structure in Network Industries
Nicholas Economides and Andrzej Skrzypacz

Entry, Standards, and Competition: Firm Strategies and the Diffusion of Mobile Telephony
Heli Koski and Tobias Kretschmer

Manipulating Interface Standards as an Anti-Competitive Strategy
Jeffrey K. MacKie-Mason and Janet S. Netz
10:40am - 12:20pm
Plaza III

Economic Growth
Moderator: Andrew Blau, Flanerie Works

ICTs and Rural Development: Examples from Lao P.D.R.
Romeo Bertolini and Gi-Soon Song

Tracy Cohen

Transitioning to a Knowledge Economy: The LaGrange Internet TV Initiative
Jan Youlie, Philip Shapira, and Greg Laudeman

The Role of Media Policy in the Korean Film Industry
Sang-Woo Lee, Student Paper Competition

12:20pm - 1:50pm
Magnolia Room

LUNCH AND PLENARY SESSION
The Challenge of Community Networks
Speaker: Gene Crick, President of the Association of Community Networking and Executive Director of the TeleCommunity Resource Center.

Presentation of the Student Paper Competition Awards

2:00pm - 3:40pm
Beech Room

Interconnection
Moderator: Scott Marcus, Federal Communications Commission

Connection and Disconnection of Networks
Sean F. Ennis

Policy-Induced Competition: The Telecommunications Experiments
Gerald Faulhaber

Interconnection Regulation in Mexico
Martha Garcia-Murillo and James Pick

From Universal Service to Universal Choice: Local Fixed Network Competition in Hong Kong
Xu Yan and Patrick Xavier
2:00pm - 3:40pm
Plaza I and II

ISPs and Internet Backbones
**Moderator:** Sam Paltridge, OECD

Digital Dispersion: An Industrial and Geographic Census of Commercial Internet Use
Chris Forman, Avi Goldfarb, and Shane Greenstein

An Economic Map of the Internet
Shawn O'Donnell

A Simulation Approach for Internet QoS Market Analysis
Seung-Jae Shin and Martin Weiss

Authentication Monopoly in the Making? The Question of Privacy
Brent Zionic, Student Paper Competition

2:00pm - 3:40pm
Plaza Ballroom C

**SPECIAL PANEL: Entering the Debate, Influencing the Agenda Continued**
**Moderator:** William Rogerson, Northwestern University

A Report Card for the Policy Analysis Community After the Dotcom Bust
Eli Noam

**Panelists:** Michael Riordan, Columbia University; Howard Shelanski, Berkeley Law School; and Donald Stockdale, Federal Communications Commission

2:00pm - 3:40pm
Plaza III

**Intellectual Property**
**Moderator:** Mark Lemley, University of California at Berkeley

From Broadcast to Webcast: Copyright Law and Streaming Media
Matt Jackson

“Functionality” as the Distinction Patent and Copyright Subject Matter
Dennis S. Karjala

Questioning the Economic Justification for (and Thus the Constitutionality of) Copyright Law’s Prohibition Against Unauthorized Copying: sec 106
Mark S. Nadel
The Economics of Internet Radio
Carol Ting and Steven S. Wildman

3:40pm - 4:10pm
East Lower Foyer

4:10pm - 5:50pm
Beech Room

COFFEE BREAK

Merger Policy
Moderator: Howard Shelanski, University of California at Berkeley

European Merger Policy in Electronic Communications Markets: Past Experience and Future Prospects
Alexandre de Streel

The Deregulation Paradox: The Telecommunications Industry in Crisis
Richard A. Gershon

Merger Control and Remedies Policy in Telecommunications Mergers in the E.U. and U.S.
Gilles Le Blanc and Howard Shelanski

Value Creation in International Telecom Acquisitions
Olaf Rieck

4:10pm - 5:50pm
Plaza I and II

Convergence
Moderator: Robert Pepper, Federal Communications Commission

Utilizing “Essentiality of Access” Analyses to Mitigate Risky, Costly, and Untimely Government Interventions in Converging Telecommunications Technologies and Markets
Barbara Cherry

Adjusting the Horizontal and Vertical in Telecommunications Regulation: A Comparison of the Traditional and a New Layered Approach
Rob Frieden

Thinking About Openness in the Telecommunications Policy Context
Dale Hatfield

Further Defining a Layered Model for Telecommunications Policy
Douglas C. Sicker
4:10pm - 5:50pm
Plaza Ballroom C

**P2P**
**Moderator:** Julie Cohen, Georgetown Law School

**Anti-Circumvention Misuse**
Dan L. Burk

**Virtual Markets in Wireless Grids: Peering Policy Obstacles**
Lee McKnight, Diana Anius, and Ozlem Uzuner

**Impose an ISP Levy to Allow Free P2P File-Swapping and Remixing**
Neil Netanel

**Information Wants to Be Free: Intellectual Property and the Mythologies of Control**
R. Polk Wagner

4:10pm - 5:50pm
Plaza III

**Mass Media**
**Moderator:** Anne Hoag, Pennsylvania State University

**Communications Policy, Media Development, and Convergence**
Douglas A. Galbi

**Retransmission Consent and Local Broadcasters: Part of the Solution or Part of the Problem?**
Glynn S. Lunney, Jr.

**Entry and Potential Competition in United States Cable TV Markets**
Scott Savage and Michael Wirth

**Time Consistency and the Distribution of Theatrical Films: An Empirical Study of the Video Window**
David Waterman and Sung-Choon Lee

6:00pm - 7:00pm
Outside Terrace

**RECEPTION AND SOCIAL EVENT**
The First Annual Telecoms Policy Cup
Neither LISREL dexterity nor PowerPoint prowess nor intimate knowledge of legislative intent will give you the advantage in Sunday's all-fun, no sweat sports competition. Recruit your partner now... and pack your sneakers!

7:00pm - 9:00pm
Plaza Ballroom B

**DINNER**
Monday, September 30, 2002

7:30am - 12:00pm
REGISTRATION
East Lower Foyer

7:30am - 8:30am
BREAKFAST
Magnolia Room

8:30am - 10:10am
Spectrum 1
Beech Room
Moderator: Rob Frieden, Pennsylvania State University

Software Radio: Implications for Wireless Services, Industry Structure, and Public Policy
William Lehr, Sharon Gillett, and Fuencisla Merino

Interruptible Spectrum Use: A New Sharing Concept
Michael Marcus and Mark Bykowsky

Some Economics of Wireless Communications
Yochi Benkler

8:30am - 10:10am
Innovation
Plaza I and II
Moderator: David Young, Verizon

Why Is There So Little Competition in the Provision of Local Telecommunications Services? An Examination of Alternative Approaches to End-User Access
David Gabel

Innovation and Creative Destruction in Emerging Markets: The Impact of State Commitments on Privatizing Telecoms
Lee McKnight, Paul M. Vaaler, Burkhard N. Schrage, and Raul L. Katz

Telecommunication Basic Research: An Uncertain Future for the Bell Legacy
A. Michael Noll

8:30am - 10:10am
User Studies
Plaza Ballroom C
Moderator: Lee Rainie, Pew Internet and American Life Project

Online Gatekeepers: Myth or Reality?
Eszter Hargittai
Barriers to Internet Access: From the Non-User and New User Perspective
Amanda Lenhart

Consuming Information More or Less: An Examination of Information Consumption Behavior as a Strategy for Replacing, Displacing, or Augmenting the Consumption of Other Information Goods
John B. Horrigan and Jorge Reina Schement

Understanding Gender, Racial, Social Class, and Geographic Disparities in Internet Use Among School-Age Children in the United States
Paul Cleary, Eileen M. Trauth, and Glenn Pierce

8:30am - 10:10am
Plaza III

Technology and Education Policy
Moderator: Sharon Strover, University of Texas

So What About the “Digital Divide” in K-12 Schools?
Educational Technology and Equity in U.S. K-12 Schools
Andrew J. Wayne, Andrew A. Zucker, and Tracey Powell

Virtual Teamwork in Education: Implications for Technology Adoption
Krishna Jayakar, Anne M. Hoag, and Kimberly Erickson

Universal Access: What Have We Learned from the E-Rate?
Heather Hudson

10:10am - 10:40am
East Lower Foyer

AP Online: Analysis of a Policy Prescription for Increasing Postsecondary Access and Achievement Opportunities for Low-Income and Minority Students
Deborah Schwartz

COFFEE BREAK
10:40am - 12:20pm  
Beech Room

**Spectrum 2**

**Moderator:** Jorge Schement, Pennsylvania State University

**A Comparative Analysis of Spectrum Management Regimes**
Johannes M. Bauer

**Reforming U.K. Spectrum Policy**
Martin Cave

**Spectrum Management: Property Rights, Markets, and the Commons**
Gerald Faulhaber and David Farber

**The Rise of Regional Standards Setting Bodies in Digital Radio Technology**
Hernan Galperin and Titus Levi

10:40am - 12:20pm  
Plaza I and II

**Security**

**Moderator:** Ed Balkovich, RAND

**Improving Network Reliability: Liability Rules Must Recognize Investor Risk/Reward Strategies**
Barbara Cherry

**Disruptions and Emergencies on the Internet**
Peter H. Salus and John S. Quarterman

10:40am - 12:20pm  
Plaza Ballroom C

**Private Governance**

**Moderator:** Elliot Maxwell

**Governance in Namespaces**
Stefan Bechtold

**Advantage ISP: Terms of Service as Media Law—A Comparative Study**
Sandra Braman and Stephanie Lynch

**Neither Bottom-up Nor Top-Down: A Tacit Public-Private Cooperative Solution for Internet Regulation**
Jay P. Keser and Andres A. Gallo

**Interest Groups and the Public Interest: Civil Society Action and the Globalization of Communications Policy**
Milton Mueller
10:40am - 12:20pm
Plaza III

Community Networks
Moderator: Gene Crick, TeleCommunity Resource Center

Perceptions of Risks, Benefits, and Costs in Community Technology Center Participants' Constructions of Information and Communication Technologies
Lynette Kvasny

Community Networks and Social Services: A Survey and Assessment
Anand Natarajan, Shafiz M. Yusof, Dong Hee Shin, and Murali Venkatesh

Community Network and Social Embeddedness: Survey and Results
Dong Hee Shin, Shafiz Yusof, and Murali Venkatesh

The Role of Fixed Wireless Access Networks in the Deployment of Broadband Services and Competition in Local Telecommunication Markets
Kanchana Wanichkorn and Marvin Sirbu

12:20pm - 1:50pm
Magnolia Room

LUNCH AND CLOSING SESSION

Conference Adjournment