27TH ANNUAL TELECOMMUNICATIONS POLICY RESEARCH CONFERENCE

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SESSIONS BY TRACKS

TRACK	SUN. 8:30AM	SUN. 10:30AM	SUN. 1:45PM	SUN. 3:45PM	MON. 8:30AM	MON. 10:30AM
Electronic Commerce and Community	Pricing Structures (Plaza I)	Electronic Political Participation (Plaza I)	User Studies (Plaza I)	Privacy (Plaza I)	E-Commerce (Plaza I)	Regulation and Online Activities (Plaza I)
Policy Issues	Intellectual Property (Magnolia Room)	Vertical Foreclosure (Plaza II)	Policy Standards (Plaza II)	Privacy (Plaza I)	Inst. Design for Internet Governance (Magnolia Room)	Regulation and Online Activities (Plaza I)
Convergence and Competition	Evolution of Industry Structure (Plaza III)	Internet and Mass Media (Plaza III)	Strategies of Incumbents (Plaza III)	Local Access Competition (Plaza III)	Internet Inter- connection (Plaza III)	Statistical Analysis (Plaza III)
Pricing and Markets	Pricing Structure (Plaza I)	Vertical Foreclosure (Plaza II)	Policy and Standards (Plaza II) Or Strategies of Incumbents (Plaza III)	Local Access Competition (Plaza III) Or Tradeable Rights (Plaza II)	Developed Countries (Plaza II) Or E-Commerce (Plaza I)	Statistical Analysis (Plaza III) Or Policy Impacts on Investment (Plaza II)
Telecom and Broadcast Reg.	Developing Countries (Plaza II)	Universal Service: Social Perspective (Magnolia Room) Or Internet and Mass Media (Plaza III)	US & EU Regulatory (Magnolia Room)	International Trade (Magnolia Room)	Developed Countries (Plaza II)	Universal Service: Economic Persp. (Magnolia Room) Or Policy Impacts on Investment (Plaza II)
Int'l Issues (mini-track)	Developing Countries (Plaza II)		US & EU Regulatory (Magnolia Room)	International Trade (Magnolia Room)	Developed Countries (Plaza II)	

27TH ANNUAL TELECOMMUNICATIONS POLICY RESEARCH CONFERENCE

Saturday, September 25, 1999

1:00pm-7:00pm

REGISTRATION

LOCATION: UPPER FOYER

TUTORIALS:

LOCATION: MAGNOLIA ROOM

2:15pm-4:00pm

Session 1: Intellectual Property Primer
Chair: Julie Cohen, Georgetown University

Presenter:

Session 2:

Peter Menell, University of California at Berkeley

4:15pm-6:00pm

Recent Developments in Copyright and Database Protection

Presenters: Seth Greenstein, McDermott, Will & Emery

Bruce Joseph, Wiley, Rein & Fielding

5:30pm-6:30pm

RECEPTION/CASH BAR

LOCATION: OUTSIDE TERRACE

6:30pm-7:30pm

DINNER

LOCATION: TERRACE BALLROOM

7:30pm-9:00pm

OPENING SESSION

LOCATION: TERRACE BALLROOM

Welcoming Remarks by: Benjamin M. Compaine,

Program Committee Chair

Plenary Session:

Restructuring Telecom for the New Millennium: Is

Bigger Better?

Chair:

Bill Rogerson, Northwestern University

Panelists:

Robert Crandall, Brookings Institution

Barbara Dooley, Commercial Internet Exchange

Association

Esther Dyson, Edventure Holdings

Michael Katz, University of California at Berkeley

7:30pm-4:00pm

REGISTRATION

LOCATION: LOWER FOYER

7:30am-8:30am

BREAKFAST

LOCATION: TERRACE BALLROOM

8:30am-10:00am

SESSIONS

Location:

PLAZA I

Title: Chair: Pricing Structures
Hal Varian, University of California at Berkeley

Papers:

Pricing in Admissions Policy: Using Hold Options Over IP

Networks

Judith Molka-Danielsen and Ketil Danielsen, Molde College

Consumers' Willingness to Pay for Intermediation: A Case

Study of Peapod

Karen Clay and Eric Wolff, Carnegie Mellon University

One Size Doesn't Fit All: Improving Network QoS Through

Preference-Driven Web Caching

Yee Man Chan, Jonathan Womer, Jeff MacKie-Mason and Sugil

Jamin; University of Michigan

Location:

PLAZA II

Title:

Developing Countries

Chair:

Rajni Gupta, University of Toronto

Papers:

Less News is Good News: Fifty Years of Communication Policy

in a Volatile Democracy

Amit Schejter, Tel Aviv University

The Regulation of Internet Services in North Africa

Andrea Kavanaugh, Virginia Polytechnic Institute & State University

Expansion of Accessibility of Telecom. Infrastructure in

Emerging Nations: The Case of Bangladesh

L. Jean Camp and Brian Anderson, Harvard University

Discussant:

Heather Hudson, Univ. of San Francisco

8:30am-10:00am (Continued)

Location:

PLAZA III

Title:

Evolution Of Industry Structure

Chair:

William Sharkey, Federal Communications Commission

Papers:

Impacts of Mergers and Global Rivalry on Local Network

Competition

Mark Jamison, University of Florida

Building and Delivering the Virtual World: Commercializing

Services for Internet Access

Shane Greenstein, Northwestern University

Network Transmission and Storage: Vertical Relationships

and Industry Structure

John Chung-I Chuang, University of California at Berkeley The Industrial Organization of the U.S. Internet Service

Provider Industry

Joseph Bailey, University of Maryland

Location:

MAGNOLIA ROOM

Title:

Intellectual Property

Chair:

Julie Cohen, Georgetown University

Papers:

Patent Scope and Innovation in the Software Industry

Julie Cohen, Georgetown University and Mark Lemley, University of

Texas

Implications of Contractual Restriction of Software Use for

Implementation of the Local Competition Policy of the

Communications Act of 1996

David Rice, Roger Williams University

Patenting Speech

Dan Burk, University of Minnesota

A Historical Analysis of Copyright Liability

Matt Jackson, Pennsylvania State University

10:00am-10:30am

COFFEE BREAK LOCATION: FOYER

10:30am-12:00pm

SESSIONS

Location:

PLAZA I

Title:

Electronic Political Participation

Chair:

Lorrie Faith Cranor, AT&T Labs-Research

Papers:

Policy Ramifications of Information and Communications

Technologies (ICTS)

Paul Baker, George Mason Univ.

The Political Economy of Electronic Democratic Forums: The

Design of Californian Municipal Web Sites

Christopher Weare, Juliet Musso and Matthew Hale; University of

Southern California

On-Line Voting: Calculating Risks and Benefits to the

Community and the Individual

James Brent and Linda Valenty, San Jose State University

Discussant:

Paul Craft, Florida Department of State

Location:

PLAZA II

Title:

Vertical Foreclosure

Chair:

Sharon Black, University of Colorado

Papers:

Market Foreclosure and Exclusivity Contracts When

Consumers Have Switching Costs

Tommaso Valletti, London School of Economics

The Use of Financial Contracting to Control Downstream

Firms: An Analysis of Silver King Communications

Robert Kieschnick, University of Texas at Dallas and Michael Cichello,

Michigan State University

Microsoft vs. Netscape: Policy for Dynamic Models Anti-trust

and Intellectual Property Rights Revisited

David Allen, Harvard University

Aftermarkets in Innovation

Doug Lichtman, University of Chicago

10:30am-12:00pm (Continued)

Location:

PLAZA III

Title:

Internet And Mass Media

Chair:

Jonathan Levy, Federal Communications Commission

Papers:

Newspaper Online Services: A Successful Business? Lessons

Learned from Videotext Failure

Ya-Ching Lee, Indiana University at Bloomington

Electronic Commerce and Free Speech Jessica Litman, Wayne State University

Mergers, Divestitures and the Internet: Is Ownership of the

Media Industry Becoming Too Concentrated?

Benjamin Compaine, Harvard University

Discussant:

Eli Noam, Columbia Institute for Tele-Information

Location:

MAGNOLIA ROOM

Title:

Universal Service: Social Perspective

Chair:

Ingo Vogelsang, Boston University

Papers:

Universal Service Policy and Community Development

John Horrigan, National Research Council

Expanding the Menu: An Informed Choice Model of Universal

Service for an Integrated Digital Environment Jorge Schement and Scott Forbes, Penn State Univ.

Rural Internet Connectivity

Sharon Strover, University of Texas at Austin

The Rural Differential: An Analysis of Population

Demographics in Areas Served by Rural Telephone Companies

Vicki Hobbs and John Blodgett, University of Missouri-Columbia

12:00pm-1:30pm

LUNCH

LOCATION: PLAZA BALLROOM B

Lunch Plenary:

The Open Source Revolution: Towards a World of

Reliable Software

Speaker:

Brian Behlendorf, Collab.Net and The Apache Software

Foundation

1:45pm-3:15pm

SESSIONS

Location:

PLAZA I

Title:

User Studies

Chair:

Ken Anderson, MediaOne

Papers:

The Impact of the Internet on Community Involvement: A Network Analysis Approach

Andrea Kavanaugh, Virginia Polytechnic Institute & State University

Internet Adoption and Usage in China Xueping Du, Pennsylvania State University

Policy Challenges for Conflict Monitoring Networks Anton Ivanov, FEWER and Kirsten Foot, University of

Pennsylvania

The Death of Cities? The Death of Distance? Evidence from the Geography of Commercial

Internet Usage

Jed Kolko, National Bureau of Economic Research

Location:

Title:

Chair:

PLAZA II

Policy And Standards

Walter S. Baer, RAND/USC

Papers:

Consumer Access Equipment Standards: Market or

Government Solutions?

Edward Gallick, FERC; Andrew Wise and Kiran Duwadi; Federal

Communications Commission

The DVD vs. DIVX Standard War: Network Effects and

Empirical Evidence of Vaporware

David Dranove, Northwestern University and Neil Gandal, Tel Aviv

University and CEPR

Standards WARS: The Use of Standard Setting as a Means of Facilitating Cartels Third Generation Wireless Telecommunications Standard Setting David J. Salant, Peter Grindley; LECG, Inc. and Leonard

Waverman; LECG Ltd, and London Business School

The Law of Opposite Numbers: Standards Dynamics and the Global Logic of Software

Phil Agre, University of California, Los Angeles

1:45pm-3:15pm Continued)

Location:

Title:

Chair:

PLAZA III

Strategies Of Incumbents

Nicholas Economides, Stern School of Business

Papers:

Number Pooling: Is it Worth the Cost?

Susan McMaster, PHB Hagler Bailly

Strategic Challenges of New Entrants in Australian and New Zealand Telecommunications Markets
Kellie Caught, M.A. Shadur and R. Kienzel; Queensland

University of Technology

Competition's Effect on Investment in Digital

Infrastructure

Glenn Woroch, University of California, Berkeley Competition Between Firms that Bundle

Information Goods

Scott Fay and Jeff MacKie-Mason, University of Michigan

ocation:

itle: hair:

apers:

MAGNOLIA ROOM

US And EU Regulatory

Luigi Prosperetti, Univ. of Milan-Italy

The Irony of Telecommunications Deregulation: Assessing the Role Reversal in U.S. and EU Policy

Barbara Cherry, Michigan State University

Mandatory Resale Rules in Long Distance Markets:

Regulation Searching for an (Economic)

Justification

Jim Speta, Northwestern University

Reforming TV Regulation for the Digital Era: An

International/Cross-Industry Perspective

Hernan Galperin and Francois Bar, Stanford Univ.

A Comparative Institutional Analysis of

Communications Regulation

Christopher Marsden, Univ.of Warwick and Harvard

Univ.; and Campbell Cowie, BBC

3:15pm-3:45pm

COFFEE BREAK LOCATION: FOYER

3:45pm-5:15pm

SESSIONS

Location:

PLAZA I

Title:

Privacy

Chair:

Joel Reidenberg, Fordham University Law School

Papers:

Knowledge Gaps in the Public Understanding of E-

Commerce

Peter Lunt, University College London

The Implications of Users' Privacy Perception on Communication and Information Privacy Policies

Anne Adams, University College of London

Beyond Concern: Understanding Net Users'

Attitudes About Online Privacy

Lorrie Faith Cranor; AT&T Labs-Research, Joseph

Reagle; Massachusetts Institute of Technology, and Mark

Ackerman, University of Calfornia, Irvine

3:45pm-5:15pm (Continued)

Location:

PLAZA II

Title:

Tradeable Rights

Chair:

Howard Shelanski, Federal Communications Commission

Papers:

Completing the Transition to Digital Television

Coleman Bazelon, Congressional Budget Office
The Resolution of Digital Television: How the
Focus of HDTV and Must-Carry are Hindering the

Return of the Analog Television Spectrum

Cory Allen and Elena Larsen; University of Pennsylvania A "Smart Market" for Trading of Radio Spectrum Martin Taschdjian, MediaOne International and Mark

Bykowsky, Automated Credit Exchange

A Market-Based Mechanism for Universal Service

Obligations

Jon Peha, US Congress and Carnegie Mellon University

Location:

PLAZA III

Title:

Local Access Competition

Chair:

Marvin Sirbu, Carnegie-Mellon Univ.

Papers:

TELCOMP - A Model for Determining the Viability

of Local Exchange Competition

Joseph Weber; Jeffrey Rohlfs and Calvin Monson,

Strategic Policy Research, Inc.

Dominant Firm Pricing with Price-Cap Regulation and Fringe Competition: An Economic Analysis of

Local Telephone Pricing

Jaison Abel, Ohio State University

Availability of Broadband Internet Access: An

Empirical Analysis

Sharon Eisner Gillett and William Lehr, MIT

National Divergence in Developing Broadband Internet Access: The Specifics of the German Case Volker Wittke and Heidemarie Hanekop, University of

Goettingen

Location: Title:

Chair:

MAGNOLIA ROOM

International Trade

Douglas Galbi, Federal Communications Commission

Papers:

Squaring the Circle: Rebalancing Tariffs Whilst

Promoting Universal Service in Jamaica Geoffrey Myers , Office of Utilities Regulation

Implications of International Accounting Rate

Reform for Developing Countries

Yun-Mee Lee, Korea Telecom Research Laboratories

Global Telecommunications, Electronic Commerce, and the World Trade Organization: Considerations

on the "Millenium Round"

William Drake, The Carnegie Endowment for

International Peace

Dominant Carrier Market Power in United States

International Telephone Markets

Scott Savage, Gary Madden; Curtin University of

Technology and James Alleman, University of Colorado

6:00pm

7:00pm-9:00pm

RECEPTION

LOCATION: OUTSIDE TERRACE

LUAU

TERRACE BALLROOM

7:30pm-12:00pm

REGISTRATION

LOCATION: LOWER FOYER

7:30am-8:30am

BREAKFAST

LOCATION: TERRACE BALLROOM

8:30am-10:00am

SESSIONS

Location:

PLAZA I

Title:

E-Commerce

Chair:

Phil Agre, Univ. of California

Papers:

Strategic Use of the Internet by Small-and-Medium

Sized Firms: An Exploratory Study

Bert Sadowski, Carleen Maitland and Jochem van

Dongen; SEPA, TU Delft

Pricing and Bundling Electronic Information

Goods: Field Evidence

Jeff MacKie-Mason, Juan Riveros and Robert Gazzale,

University of Michigan

Will E-commerce Compete More with Traditional

Retailing or Direct Marketing? Michael Ward, University of Illinois

Community Level Socio-Economic Impacts of

Electronic Commerce

Charles Steinfield, Delft University of Technology and

Pamela Whitten, Michigan State University

8:30am-10:00am (Continued)

Location:

PLAZA II

Title:

Developed Countries

Chair:

Martin Cave, Brunel University

Papers:

Experimenting with Regulatory Shortcuts in

Europe

Luigi Prosperetti, University of Milan-Italy; Michela Cimatorbus and Cinzia Dalla Torre, MCI WorldCom Italy

Economic Analysis of Interconnection Charge

Policy

Jeffrey Rohlfs, Strategic Policy Research, Inc.

Universal Service in Europe - Talk Is Cheap But

Data Is Not

Richard Cawley, European Commission Competition and the Pricing of

Telecommunications Services in the European

Union

Johannes Bauer and Hyun-Oh Yoo, Michigan State

University

Location:

Title:

Chair:

Papers:

PLAZA III

Internet Interconnection

John Hayes, Charles River Associates

When Internet Peers Become Customers: The

Consequences of Settlement-based Interconnection

Rob Frieden, Pennsylviania State University

Cost/Benefit Tradeoff of Quality of Service

Mechanisms in Integrated Services Networks

Martin Weiss and Junseok Hwang, University of

Pittsburgh

The Information Interchange: Interconnection on

the Internet

Michael Kende and Jason Oxman, Federal

Communications Commission

Competitive Effects of Internet Peering Policies

Bridger Mitchell, Padmanabhan Srinagesh; Charles River

Associates Inc. and Paul Milgrom, Stanford University

8:30am-10:00am (Continued)

Location:

MAGNOLIA ROOM

Title:

Institutional Design For Internet Governance

Chair:

Diane Cabell, Fausett, Gaeta & Lund

Papers:

Semi-Private International Rulemaking: Lessons

Learned from the WIPO Domain Name Process

Michael Froomkin, University of Miami

Institutional Designs for Internet Governance:

Current Prospects for ICANN

Jonathan Zittrain, Harvard Law School

Discussant:

Milton Mueller, Syracuse University

10:00-10:30am

BREAK

LOCATION: LOWER FOYER

10:30am-12:00pm

SESSIONS

Location:

PLAZA I

Title:

Regulation And Online Activities

Chair:

Robert Pepper, Federal Communications Commission

Papers:

The Internet: Implications for Regulation and

Public Policy

Aniruddha Banerjee and Agustin Ros, National Economic

Research Associates, Inc.

Internet Data Management: Policy Barriers to an

Intermediated Electronic Market in Data

Thomas Lee, Massachusetts Institute of Technology In a World Without Borders: The Impact of Taxes

on Internet Commerce

Austan Goolsbee, University of Chicago

Hardware-Based ID, Rights Management, and

Trusted Systems

Jonathan Weinberg, Wayne State University

Will Tomorrow Be Free? Application of State Action Doctrine to Private Internet Providers Irina Dmitrieva, University of Florida at Gainesville

10:30am-12:00pm (Continued)

Location:

PLAZA II

Title:

Policy Impacts On Investment

Chair:

Martin Taschdjian, MediaOne International

Papers:

A Post-Modem Regulatory Policy for

Telecommunications

Martin Taschdjian, MediaOne International

Basic Local Telephone Rates: Comparing Plans for

Restructuring

Stephen McDowell and Kostadin Kostadinov, Florida

State University

Competition as a Turbulent Process Johannes Bauer, Michigan State University

Telecommunications, the Internet, and the Cost of

Capital

William Lehr, Columbia University and Massachusetts Institute of Technology; R. Glenn Hubbard, Columbia

University

Location:

PLAZA III

Title:

Statsitical Analysis Of Producer And Regulator

Behavior

Chair:

Shane Greenstein, Northwestern University

Papers:

Organizing and Engaging in Nonmarket Activity: A Transactional Analysis of Corporate Lobbying at

the Federal Communications Commission

John de Figueiredo, Massachusetts Institute of

Technology and Emerson Tiller, University of Texas at

Austin

An Empirical Examination of Entry Patterns in

Local Telephone Markets

James Zolnierek, James Eisner and Ellen Burton, Federal

Communications Commission

(Con't next page)

10:30am-12:00pm (Continued)

A Taxonomy of Communications Demand

Steven Lanning, Lucent Technologies; W. Russell

Neuman, University of Pennsylvania; Shawn O'Donnell,

Massachusetts Institute of Technology

A Financial Understanding of Telecommunication Takeovers: The Effect of Takeover Characteristics

on the Shareholders' Wealth

Seongcheol Kim, Dong-Woon Kim and Cho-kyoung Park,

Michigan State University

Location:

Title:

Chair:

Papers:

MAGNOLIA ROOM

Universal Service: Economic Perspective

Bridger Mitchell, Charles River Associates

Universal Service in the United States and Canada:

Funding High-Cost Areas

Timothy Tardiff, NERA and Willie Grieve, TELUS

Communications Inc.

Local Access Over Analog Cellular Networks:

Implications for Universal Service Funding and

Commercial Mobile Radio Service Carriers

Alan Boyer, HAI Consulting

Winners and Losers from the Universal Service

Subsidy Battle

Gregory Rosston, Stanford University and Bradley

Wimmer, UNLV

An Economist's Perspective on Universal

Residential Telephone Service

Michael Riordan, Columbia University

12:00pm-1:30pm

LUNCH

LOCATION: TERRACE BALLROOM

Conference Adjournment