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# TPRC 2004 Program

## Friday, October 1, 2004

1:00 pm **Registration**

Atrium

2:00 pm **Panels**

Room 225 **Information as an Asset**

A conversation linking information (and access to it) to assets people need to get out of poverty. There is a burgeoning research program on the role assets (financial and otherwise) play in getting people out of poverty. And there is a need, I believe, for advocates of eliminating the digital divide to do a better job linking the benefits of information (online & otherwise) to outcomes in the lives of low-income people.

This panel will bring together streams of thought that have heretofore largely flowed along parallel paths:

- 1) Practitioners on using information to address poverty
- 2) New thinking on policy approaches to address poverty
- 3) Historical perspective

The resultant will be: a) the outlines of a policy model that clearly links information access to improving the economic prospects of low-income people; and b) guidelines for additional research that should be undertaken to evaluate the role of information in addressing poverty.

Moderator: John Horrigan, *Pew Internet and American Life Project*

Panelists:

Ben Hecht, *One Economy*

Reid Cramer, *New American Life*

Jorge Schement, *Penn State University*

2:00 pm **Telecom Policy Issues Facing China**

Room 221

We welcome a renown panel of Chinese experts to address the issues of telecom policy facing China.

Dr. Jinqiao Chen, Director, *Institute of Telecommunication Policy, China Academy of Communication Research*

Dr. Kaili Kan, Professor & Director, *Policy & Development Institute of Information Industries, Beijing University of Posts & Telecommunications (BUPT)*

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Dr. Tingjie Lu, *Professor & Dean, School of Economics & Management Science, Beijing University of Posts & Telecommunications (BUPT)*

Dr. Jun Ma, *Research Fellow, Development & Research Institute of State Council*

Dr. Zhanhong Xin, *Professor & Executive Dean of Economics & Management School, Beijing University of Posts and Telecommunications (BUPT)*

Dr. Xinzhu Zhang, *Professor & Director, Research Center for Regulation and Competition, Chinese Academy of Social Sciences*

Dr. Bin Zhang, *Senior Academic Liaison, Beijing University of Posts & Telecommunications (BUPT)*

Dr. Jibing "Jasper" Li, *Senior Director, Strategic Planning, UTStarcom (China) Ltd.*

4:00 pm  
Room 225

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## **Panels**

### **Regulation of Legacy Networks**

The panel will focus on a time period 2-5 years out, past the time horizon when decisions will be made on IP applications such as VoIP. For purposes of stimulating discussion, we will assume that circumstances will be quite different. In many geographical areas there are likely to be at least three platforms capable of providing broadband connectivity—the local wireline provider, the cable network, and wireless providers—with additional broadband platforms potentially emerging from facilities-based CLEC's/DLEC's, wireless in unlicensed spectrum, and over power lines. At the same time it is likely that narrowband facilities will still exist in the local wireline provider's network, potentially regulated in much the same way that it is regulated today.

In these circumstances, how should that "legacy network" be regulated? Is there a justification for continuing any form of regulation given the competitive alternatives that exist? If regulation different than that imposed on IP platforms continues, how will the two forms of regulation interact? Will there be different treatment of entities that employ both narrowband and broadband facilities than those who provide only broadband? How will a coherent form of regulation emerge to deal with platforms that are converging in terms of services being offered? How have other countries/regions such as the EU dealt with the issues?

Some have argued that even in cases of competitive markets in transmission services, some regulation should apply to prevent network providers that are vertically integrated from exerting power in adjacent markets. Should open access requirements apply to all broadband platform providers or only some? What about anti-discrimination rules? Should there be requirements to achieve goals of content neutrality? How would such rules operate? Are there structural

rules that should apply or non-structural remedies? Who would enforce these rules—traditional regulators, anti-trust authorities, fair trade regulators-- or are there non-regulatory solutions to the issues?

Participants:

Moderator: Elliot Maxwell, *Johns Hopkins University*

Eli Noam, *Columbia Business School*

Doug Sicker, *University of Colorado, Boulder*

David Reed, *Cablelabs*

4:00 pm  
Room 225

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## The Role of Research in Policy Making

This panel will discuss the findings of the research report for the Ford Foundation and further explore the questions raised in it. Key issues that will be addressed by the participants include:

- Which research results and disciplines have proven most influential for communications policy (and which ones were not useful or ignored)?
- What are the different levels at which research contributed (e.g., providing an overarching vision, agenda setting, or specific policy instruments) and in which role was research most influential?
- How are research results transferred into the policy-making arena (e.g., publications, consulting, or testimony) and which are the most effective ways?
- What problems exist in coordinating research and policy needs (e.g., timeline of the two realms, anticipation of issues)?
- Who are the most influential participants in the policy-making debates (e.g., universities, think tanks, or consultancies)?
- How the gap between the needs of the policy-making and research communities can be narrowed and coordination be improved?

Moderator: Steven S. Wildman, *Michigan State University*

Roundtable participants

Johannes M. Bauer, *Michigan State University*

Sandra Braman, *University of Wisconsin, Milwaukee*

Barbara Cherry, *Federal Communications Commission*

Mark Cooper, *Consumer Federation of America*

Harold Feld, *Media Access Project*

Bella Mody, *Michigan State University*

Milton Mueller, *Syracuse University*

David E. M. Sappington, *University of Florida*

Jim H. Snider, *New America Foundation*

5:30 pm  
Atrium

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## Reception

6:30 pm  
Atrium

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## Keynote Speaker

**William J. Raduchel**, *CEO of Ruckus Network, Inc., and former CTO of AOL Time Warner and Chief Strategy Officer of Sun Microsystems*

WILLIAM J. RADUCHEL is the Chairman and CEO of Ruckus Network, a start-up company providing entertainment to students at colleges and universities over the university network. He is a director of Chordiant Software, and In2Books and serves as chairman of PanelLink Cinema Partners PLC and as adviser to its parent company, Silicon Image. He also is an adviser to Myriad International Holdings, Hyperspace Communications and Wild Tangent. Through 2002 he was executive vice president and chief technology officer of AOL Time Warner, Inc., after earlier being senior vice president and chief technology officer of AOL, where he also served as a strategic adviser after leaving AOL Time Warner. Infoworld named him CTO of the year in 2001. Raduchel joined AOL in September 1999 from Sun Microsystems, Inc., where he was chief strategy officer and a member of its executive committee. In his eleven years at Sun, he also served as chief information officer, chief financial officer, acting vice president of human resources and vice president of corporate planning and development and oversaw relationships with the major Japanese partners.

7:30 pm  
Atrium

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## Dinner

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## Saturday, October 2, 2004

8:00 am  
Atrium

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### Continental Breakfast and Registration

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8:30 am-  
10:10 am  
Room 120

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### Evolution of Policy

**Moderator:** Martha Garcia-Murillo, *Syracuse University*

#### **Reinventing Media Activism: Public Interest Advocacy in the Making of U.S. Communication-Information Policy, 1960-2002**

- Milton Mueller, *Syracuse University*
- Brenden Kuerbis, *School of Information Studies, Syracuse University*
- Christiane Page, *Maxwell School of Citizenship and Public Affairs, Syracuse University*

#### **Telecommunications Economy and Regulation as Coevolving Complex Adaptive Systems: Implications for Federalism**

- Barbara A. Cherry, *Office of Strategic Planning and Policy Analysis, Federal Communications Commission*

#### **Telecommunications Trade Liberalization and the WTO**

- Michael Kende, *Analysys Consulting*
- Howard Williams, *World Bank*

#### **Product placement as an international practice: Moral, legal, regulatory and trade implications**

- Amit M. Schejter, *Penn State University*

8:30 am-  
10:10 am  
Room 224

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### Intellectual Property at a Crossroads

**Moderator:** Gigi Sohn, *Public Knowledge*

#### **A Better Copyright System? Comparing Welfare of Indefinitely Renewable Copyright and the Current Copyright System**

- Michael Y. Yuan, *Gabelli School of Business, Roger Williams University*

**The Political Economy of Audio-visual Copyright Enforcement**

- David Waterman, *Dept. of Telecommunications, Indiana University*

**Darknets, DRM, and Trusted Computing: Economic Incentives for Platform Providers**

- Alessandro Acquisti, *Heinz School, Carnegie Mellon University*

**Congestion Externalities as a Basis for Extended Intellectual Property Protection**

- Dennis S. Karjala, *College of Law, Arizona State University*

8:30 am-  
10:10 am  
Room 225

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**Internet Governance**

**Moderator:** Chris Marsden, *Oxford Internet Institute*

**Trademarks and Consumer Search Costs on the Internet**

Mark A. Lemley, *Stanford Law School*

Stacey L. Dogan, *Northeastern University School of Law*

**Turmoil in dns Governance and its Merger into Trademark Law**

John W. Bagby, *Institute for Information Policy, Pennsylvania State University*

John C. Ruhnka, *University of Colorado at Denver*

**Multilateral Control of Internet Infrastructure and its Impact on U.S. Sovereignty**

- Kenneth Cukier, *Harvard University*

**The Internet Domain Name System: Private Property or Public Resource?**

- Krishna P. Jayakar, *College of Communications, Pennsylvania State University*

10:40 am -  
8:30 am-  
10:10 am  
Room 224

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## **Spectrum Pricing**

**Moderator:** Evan Kwerel, *Federal Communications Commission*

**Reallocation of Radiowave Spectrum with a Price Mechanism:  
Proposal of a System of Insurance and Compensation**

Hajime Oniki, *Osaka-Gakuin University (Japan)*

**The Economics of Pricing Radio Spectrum**

Martin Cave, *Warwick Business School*

**Secondary Markets in Non-Federal Public Safety Spectrum**

- Joshua R. Marsh, *Boise State University*

**Spectrum Auctions: Distortionary Input Tax or Efficient Revenue  
Instrument?**

- Adele Morris, *Federal Communications Commission*

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10:10 am -  
10:40 am  
Atrium

## **COFFEE BREAK**

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10:40 am -  
12:20 pm  
Room 120

## **The Unsettling Issues of Spectrum**

**Moderator:** Kevin Werbach, *The Wharton School, University of Pennsylvania*

**Policing The Spectrum Commons**

- Philip J. Weiser, *University of Colorado*
- Dale N. Hatfield, *University of Colorado*

### **Welfare Comparison of Spectrum Property and Spectrum Commons Governance Regimes**

- Carol Y. F. Ting, *Quello Center for Telecommunication Management and Law, Michigan State University*
- Steven S. Wildman, *Quello Center for Telecommunication Management and Law, Michigan State University*
- Johannes M. Bauer, *Quello Center for Telecommunication Management and Law, Michigan State University*

### **Policy Lessons from Personal Communications Services: A Hohfeldian Analysis of Licensed vs. Unlicensed Spectrum Access**

- Kenneth R. Carter, *Office of Strategic Planning and Policy Analysis, Federal Communications Commission*

### **Secondary Use of Radio Spectrum: A Feasibility Analysis**

- Arnon Tonmukayakul, *School of Information Sciences, University of Pittsburgh*
- Martin B. H. Weiss, *School of Information Sciences, University of Pittsburgh*

10:40 am –  
12:20 pm  
Room 221

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### **Historical Lessons in the ICT Field**

**Moderator** Jorge Shement, *Penn State University*

#### **Photography and Telephony**

- Douglas A. Galbi, *Federal Communications Commission*

#### **Battle of Systems: Learning from Erstwhile Gas-Electricity and Telegraph-Telephone Battles**

- Harmeet Sawhney, *Dept. of Telecommunications, Indiana University, Bloomington*
- Xiaofei Wang, *Dept. of Telecommunications, Indiana University, Bloomington*

#### **Common Carriage at the Crossroads**

- Adam Candeub, *Michigan State University College of Law*

#### **The Transformation of the Telecommunications Industry**

- Lori S. Lent, *LECG*

10:40 am –  
12:20 pm  
Room 224

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## **Internet Pricing and Access**

**Moderator** Christopher Fedeli, *Richard S. Becker Associates*

### **An Analysis of the Determinants of Internet Access**

- Anindya Chaudhuri, *LBJ School of Public Affairs, The University of Texas at Austin*
- Kenneth Flamm, *LBJ School of Public Affairs, The University of Texas at Austin*
- John Horrigan, *The Pew Internet and American Life Project*

### **Pricing and Architecture of the Internet: Historical Perspectives from Telecommunications and Transportation**

- Andrew Odlyzko, *University of Minnesota*

### **The Wealth of Networks: Inquiry into the Nature and Causes of Global Internet Development**

- Tom Vest, *University of Southern California School of International Relations*

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10:40 am -  
12:20 pm  
Room 225

## **Broadband Economics Policy and Diffusion**

**Moderator:** Dale Stockdale, *Federal Communications Commission*

### **Municipal Electric Utilities' Role in Telecommunications Services**

- William Lehr, *MIT Center for Technology, Policy and Industrial Development*
- Carlos Osorio, *MIT Engineering Systems Division*
- Sharon Gillett, *MIT Center for Technology, Policy and Industrial Development*

### **Broadband Open Access: Lessons from Municipal Network Case Studies**

- Marvin A. Sirbu, *Engineering and Public Policy, Carnegie Mellon University*
- Sharon Gillett, *Massachusetts Institute of Technology*
- William Lehr, *Massachusetts Institute of Technology*

## **The Determinants of Broadband Competition: Economics, Demographics, and State Policy**

- Kenneth Flamm, *Lyndon B. Johnson School of Public Affairs, University of Texas at Austin*

12:20 pm –  
2:00 pm  
Atrium

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## **LUNCH and Luncheon Speaker**

**Nancy Kranich**, *past president, American Library Association and author of Information Commons*

Nancy Kranich served as President of the American Library Association in 2000-2001, focusing on the role of libraries in democracies and undertaking advocacy, civic engagement, digital divide and information literacy projects. A tireless champion of the public's information rights, Kranich has spoken out against censorship, secrecy, and other attempts to limit public access to vital information. Prior to her Presidency, she spearheaded ALA's freedom of information and Internet filtering initiatives, formed the Coalition on Government Information, and established the James Madison Awards honoring champions of the public's right to know. Today, she chairs ALA's Intellectual Freedom Committee, which is leading the Association's efforts to oppose several provisions of the USA PATRIOT Act and promote privacy. This year, Kranich is serving as Senior Research Fellow at the Free Expression Policy Project in New York.

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## **STUDENT PAPER AWARDS**

2:00 pm –  
3:40 pm  
Room 120

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## **Next Generation Wireless**

**Moderator:** Greg Rosston, *Stanford University*

### **Transition Paths to Next-Generation Wireless Services**

- Johannes M. Bauer, *Department of Telecommunication, Information Studies and Media, Michigan State University*
- Yu-Chieh Lin, *Department of Telecommunication, Information Studies and Media, Michigan State University*
- Carleen F. Maitland, *School of Information Sciences and Technology, Pennsylvania State University*
- Ankur Tarnacha, *School of Information Sciences and Technology, Pennsylvania State University*

### **Usage Substitution between Wireless and Wireline in the U.S.**

- Michael Ward, *University of Texas at Arlington*
- Glenn Woroch, *University of California, Berkeley*

### **Competition and Mobile Communications in Former Socialist Countries**

- Mircea I. Marcu, *Department of Economics, University of Florida*

### **The Inefficiency of Markets for Provisioning Interconnected Communication Networks**

- Pedro Ferreira, *Engineering and Public Policy Department, Carnegie Mellon University*
- Marvin Sirbu, *Engineering and Public Policy Department, Carnegie Mellon University*

2:00 pm -  
3:40 pm  
Room 221

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## **Media Issues**

**Moderator** Dan Craig, *National Cable and Telecommunications Association*

### **Ownership Affiliation and the Programming Decisions of Cable Operators**

- Michael E. Clements, *U.S. Government Accountability Office*
- Amy D. Abramowitz, *U.S. Government Accountability Office*

### **Implications of DOCSIS-QoS on Cable Broadband Service**

- Chris Rohrer, *Interdisciplinary Telecommunications Program, University of Colorado at Boulder*
- Douglas C. Sicker, *Department of Computer Science and Interdisciplinary Telecommunications Program, University of Colorado at Boulder*

### **Competition between Cable Television and Direct Broadcast Satellite – It's More Complicated than You Think**

- Andrew S. Wise, *Media Bureau, Federal Communications Commission*
- Kiran Duwadi, *International Bureau, Federal Communications Commission*

### **Market-Based Alternatives to Digital Must-Carry**

- Justin S. Brown, *Department of Telecommunication, University of Florida*
- Sylvia Chan-Olmsted, *Department of Telecommunication, University of Florida*

2:00 pm -  
3:40 pm  
Room 224

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### **Competition in the ICT Markets**

**Moderator:** Debra Aron, *LECG*

#### **Explaining CLEC Survival Through Resource Stocks - the Power of Being Nimble and New**

- Richard J. Gentry, *Warrington College of Business Administration, University of Florida*
- Mark Jamison, *Warrington College of Business Administration, University of Florida*

#### **Dynamic Oligopoly with Network Effects**

- Nicholas Economides, *Stern School of Business, New York University*
- Matt Mitchell, *University of Iowa*
- Andrzej Skrzypacz, *Graduate School of Business, Stanford University*

#### **A Coasian Alternative to Pigovian Regulation of Network Interconnection**

- Christopher C. Barnekov, *Wireline Competition Bureau, Federal Communications Commission*
- Jay M. Atkinson, *Wireline Competition Bureau, Federal Communications Commission*

2:00 pm -  
3:40 pm  
Room 225

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### **Economic and Technical Aspects of Networks**

**Moderator:** Scott Marcus, *Federal Communications Commission*

#### **An Economic Theory of Infrastructure and Sustainable Infrastructure Commons**

- Brett M. Frischmann, *Loyola University Chicago School of Law*

**Hidden Interfaces to "Ownerless" Networks**

Christian Sandvig, *University of Illinois at Urbana-Champaign*  
David Young, *Champaign-Urbana Community Wireless Network*

**Peer production of survivable infrastructures**

Yochai Benkler, *Yale Law School*

**Changing Economic Nature of Network Resources Due To Network Convergence**

Youngsun Kwon, *School of IT Business, Information and Communications University (South Korea)*

Changi Nam, *School of IT Business, Information and Communications University (South Korea)*

3:40 pm –

4:10 pm

Atrium

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**COFFEE BREAK**

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4:10 pm -

5:50 pm

Room 225

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**Policy Issues of Electronic Commerce**

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**Moderator:** Elliot Maxwell, *Johns Hopkins University*

**How Did Location Shape Adoption of the Commercial Internet?  
Global Village, Urban Leadership and Industry Composition**

Shane Greenstein, *Northwestern University*

Chris Forman, *Carnegie Mellon University*

Avi Goldfarb, *University of Toronto*

**Virtual World Governance:**

**Digital Item Trade and its Consequences in Korea**

Ian P. MacInnes, *School of Information Studies, Syracuse University*

YJ Park, *School of Information Studies, Syracuse University*

Sang-Min Whang, *School of Information Studies, Syracuse University*

**Emerging Patterns of E-Commerce Governance in Europe: the  
European Union's Directive on E-Commerce**

George Christou, *Department of Information and Communications,  
Manchester Metropolitan University*

Seamus Simpson, *Department of Information and Communications,  
Manchester Metropolitan University*

**Mobile Content Distribution - How Will Change in the Different Regulatory and Legal Regimes of the Two Sectors, Content and Distribution, Affect the Market Players' Strategic Options?**

Haakon Flage Bratsberg, *Telenor R&D*

Ole Christian Wasenden, *Telenor R&D*

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4:10 pm -

5:50 pm

Room 221

**ICT for Development**

**Moderator:** Ernest Wilson, *Center for International Development and Conflict Management, University of Maryland*

**Investing in Infrastructure: Increasing Internet Access in the Developing World**

- Heather Hudson, *Telecommunications Management and Policy Program, University of San Francisco*

**The effect of institutional constraints on the success of universal service policies**

- Martha A. Garcia-Murillo, *School of Information Studies, Syracuse University*
- Brenden Kuerbis, *School of Information Studies, Syracuse University*

**Best Practices in Broadband Development: Lessons from Canada, Japan, Korea and the United States**

- Rob Frieden, *Pennsylvania State University*

4:10 pm –  
5:50 pm

## **PANEL: The New Global Battle on Internet Governance: The World Summit on the Information Society and Beyond**

Room 120

At the December 2003 World Summit on the Information Society (WSIS), governments adopted a Declaration of Principles asserting, inter alia, that, "intergovernmental organizations have had and should continue to have a facilitating role in the coordination of Internet-related public policy issues."

Governments also adopted a Plan of Action calling, inter alia, on the UN Secretary General to set up a Working Group on Internet Governance to

- develop a working definition of Internet governance;
- identify the public policy issues that are relevant to Internet governance; and

- develop a common understanding of the respective roles and responsibilities of governments, existing intergovernmental and international organizations and other forums as well as the private sector and civil society from both developing and developed countries.

Accordingly, this plenary session provides an overview of the current global political battle over Internet governance that is playing out in the ongoing WSIS process and various international institutions. Leading analysts who have been closely involved in the process will trace the evolution of the new global debate, outline the interests and positions of the main players, identify the key issues and sources of tension, assess the relative merits of intergovernmental and private sector solutions to governance problems, and consider the prospects for and advisability of change to the status quo.

William J. Drake

*International Centre for Trade and Sustainable Development, and Computer Professionals for Social Responsibility, Switzerland*

Meredith Atwell

*National Telecommunications and Information Administration, USA*

Jeanette Hoffman

*Wissenschaftszentrum Berlin Fur Sozialforschung, Germany*

Marcus Kummer

*Secretariat of the United Nations Working Group on Internet Governance, Switzerland*

Adam Peake

*Glocom Institute, Japan*

Anthony Rutkowski

*Verisign, USA*

5:50 pm

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## RECEPTION

Atrium

6:45 pm

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## DINNER and Keynote SPEAKER

Atrium

**David Colville**, Vice Chair, Canadian Radio-Television and Telecommunications Commission

**DAVID COLVILLE** was appointed **Vice-Chairperson** responsible for telecommunications in September 1995. Mr. Colville was appointed as a full-time member of the CRTC in September 1990 and served as Chairperson for an interim period from November 1990 to June 1991 and from February 13, 2001 to December 31, 2001. Since December 1992, Mr. Colville has been **Regional Commissioner** for the Atlantic Region. Before joining the CRTC, Mr. Colville was the Senior Director of Communications Policy with the Nova Scotia Department of Transportation and Communications where he was responsible for developing policies on a variety of broadcasting and telecommunications issues. He was instrumental in the establishment of the Atlantic Educational Television Service, the Nova Scotia Film Development Corporation, and the Nova Scotia Technology Network.

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## SOCIAL EVENT

After dinner, please join us for interactive entertainment and fun in the Glass Enclosed patio on the first floor of the FDIC Hotel. Complimentary drinks and munchies provided by Cybertelecom, the Pew Internet & American Life Project, and Ken Carter

**Sunday, October 3, 2004**

8:00 am  
Atrium

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**Continental Breakfast and Registration**

8:30 am -  
10:10 am  
Room 120

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**The Effects of VoIP**

**Moderator** Robert Pepper, *Federal Communications Commission*

**A Model for Emergency Service of VoIP Through Certification and Labeling**

Douglas C. Sicker, *Interdisciplinary Telecommunications Program, University of Colorado at Boulder*

Tom Lookabaugh, *Interdisciplinary Telecommunications Program, University of Colorado at Boulder*

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**Should CALEA Govern VoIP?: Some Clues From CALEA's Legislative History**

Ken Katkin, *Salmon P. Chase College of Law, Northern Kentucky University*

Jessica M. Matthews, *Working Council for Chief Information Officers, The Corporate Executive Board*

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**State Regulatory Approaches to VoIP: Policy, Implementation, and Outcome**

Robert Cannon, *Washington Internet Project ~ Cyberte telecom ~*

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**Strategic Maneuvering and Standardization: Critical Advantage or Critical Mass?**

Sangin Park, *Graduate School of Public Administration, Seoul National University*

8:30 am -  
10:10 am  
Room 224

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**International Experiences of ICT Regulation**

**Moderator:** Martha Garcia-Murillo, *Syracuse University*

**Choices of International Telecommunications Alliances Modes in China, Taiwan and Hong Kong**

Dungchun Tsai, *Graduate School of Telecommunications Management, National Cheng Kung University*

WeiWei Chen, *National Cheng Kung University/Kung Shan University of Technology*

**French or Foe?: A Comparative Study of U.S. and French Telecommunications Regulation**

Tracey Weisler, *Federal Communications Commission*

**Rewriting U.S. Telecommunications Law with an Eye on Europe**

James B. Speta, *Northwestern University School of Law*

**New Trends in Latin American Competition**

Judith Mariscal, *CIDE*

Eugenio Rivera, *CIDE*

8:30 am -  
10:10 am  
Room 221

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**Privacy in a Connected World**

**Moderator** Alan Davidson, *Center for Democracy and Technology*

**A DMCA for Privacy**

Lauren Gelman, *Stanford Law School*

**Will an International Internet Privacy Framework Work?**

▪ Jeng-Chung (Victor) Chen, *Institute of Telecommunications Management, National Cheng Kung University*

Jeng-Her (Alex) Chen, *University of Hawaii – Manoa*

**Old Wine in a New Bottle: RFIDs and Cookies**

Rajiv C. Shah, *University of Illinois at Urbana-Champaign*

Jay P. Kesan, *University of Illinois at Urbana-Champaign*

**The Economic Models of On-Line Digital Identity, Identity Mangement Systems and Service Interconnection Policy**

▪ Junseok Hwang, *Seoul National University*

▪ Aleandre Repkine, *Seoul National University*

8:30 am -  
10:10 am  
Room 225

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## **Media Concentration and Regulation**

**Moderator:** Marsha MacBride, *National Association of Broadcasters*

### **Australian and U.S. Approaches to Media Ownership Regulation**

- Jonathan D. Levy, *Federal Communications Commission*

### **Local Media Concentration in America**

- Eli Noam, *Columbia Business School, Columbia University*

### **Measuring Media Diversity Online and Offline: Evidence from Political Websites**

- Matthew S. Hindman, *Political Science Department Arizona State University*
- Kostas Tsioutsoulouklis, *NEC Laboratories America*
- Judy A Johnson, *NEC Laboratories America*

### **Architectural Censorship and the FCC**

- Christopher S. Yoo, *Vanderbilt University Law School*

10:10 am -  
10:40 am  
Atrium

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## **COFFEE BREAK**

10:40 am -  
12:20 pm  
Room 120

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## **Localism and the News**

**Moderator:** Jonathan Levy, *Federal Communications Commission*

### **When Law and Social Science go Hand in Glove Usage and Importance of Local and National News Sources: Critical Questions and Answers for Media Market Analysis**

- Mark Cooper, *Donald McGannon Communications Research Center, Fordham University*

**Market Structure, Station Ownership and Local Public Affairs Programming on Local Broadcast Television**

- Michael Z. Yan, *Department of Communication Studies, University of Michigan*
- Philip M. Napoli, *Graduate School of Business, Fordham University*

**Modeling Information Equality: Social and Media Latency Effects on Information Diffusion**

- Arul Chib, *Annenberg School of Communications, University of Southern California*

10:40 am -  
12:20 pm  
Room 224

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**Infrastructure and e-Societies**

**Moderator:** Scott Wallsten, *AIE-Brookings Institute*

**The Role of Telecommunications Infrastructure in Regional Economic Growth of China**

- Lei Ding, *School of Public Policy, George Mason University*
- Kingsley E. Haynes, *School of Public Policy, George Mason University*

**Why do Governments Award Monopoly Rights to Privatized Telephone Firms?**

- Bruno E. Viani, *Dept. of Economics, George Mason University*

**The Evolution of E-Government in Texas**

- Lon Berquist, *The University of Texas at Austin*
- Sharon Stover, *The University of Texas at Austen*

**Infometrics: A Structural Equation Modeling Approach to Information Indicators and e-Learning Measurement**

- Dan Grigorovici, *The Pennsylvania State University*
- Corina Constantin, *The Pennsylvania State University*
- Krishna Jayakar, *The Pennsylvania State University*

10:40 am -  
12:20 pm  
Room 221

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## Calculating Costs for Regulation

**Moderator:** Alvaro Gonzales, *Federal Communications Commission*

### Modelling Regulatory Distortions with Real Options: An Extension

- James Alleman, *University of Colorado*
- Paul Rappoport, *Temple University*

### Use of Capital Forecasts for Estimating Forward-looking Costs

- Richard N. Clarke, *AT&T*

### The Potential for Competition in Network Communications Industries

- Carolyn Gideon, *Fletcher School, Tufts University*

10:40 am -  
12:20 pm  
Room 225

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## PANEL: If Not the Interference Temperature

In its November 2002 report, the Federal Communications Commission's Spectrum Policy Task Force proposed the "interference temperature" as a new metric for quantifying, managing, and limiting the level of interference between radio communications systems. Like any completely new idea, the inference temperature has its proponents and detractors.

This panel will evaluate the benefits and disadvantages of the interference temperature as well as provide an opportunity to suggest an alternative that could provide the benefits an interference temperature, for those who oppose the concept.

Peter Tenhula, *Federal Communications Commission*

Ed Thomas

Keith Larsen

Jim Snider

12:20 pm

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## CONFERENCE ADJOURNMENT

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