

TPRC 2005 Paper Sessions – Saturday, September 24, and Sunday, September 25

	Intellectual Property and Mass Media	Network Competition	Network Governance	ICTs & Society: Access, Privacy, Security
Saturday 8:30 – 10:10	Public Interest in the Public Airwaves <ul style="list-style-type: none"> Was a Common Law Solution to Chaos in the Radio Waves Reasonable in 1927? – <i>Charles Jackson</i> How America's Decentralized Approach to Public Safety Wastes Spectrum and Funding – <i>Jon Peha</i> Getting the Best out of Public Sector Spectrum – <i>Adele Morris, Martin Cave</i> The Return of the Broadcast War – <i>Christian Sandvig</i> 	The New Economics of the Last Mile <ul style="list-style-type: none"> An Analysis of the Determinants of Broadband Access – <i>Kenneth Flamm</i> An Empirical Analysis of Municipal Entry in the Local Exchange Market – <i>Mark Jamison</i> Broadband Internet Adoption in South Korea: A Maverick or a Model to Follow? - <i>Sung-Hee Joo</i> Competition in the Saturated Residential Broadband Access Market in the Near Future: Using Stated Preference Data in Korea – <i>Daeyoung Koh, Yeonbae Kim, Jeong-Dong Lee</i> 	Internet Policy <ul style="list-style-type: none"> Internet Resources: An Empirical Foundation for Normative Internet Policy Making – <i>Tom Vest</i> Internet Governance: Theory and First Principles – <i>Johannes Bauer</i> An Economic Response to Unsolicited Communication (Spam) – <i>Marshall Van Alstyne, Thede Loder, Richard Wash</i> 	Privacy, Security, Infrastructure <ul style="list-style-type: none"> Privacy and Security in an On Demand World – <i>Michael Nelson</i> "America Faces the World on Privacy, Four Years After 9/11" – <i>Peter Swire</i> Internet Infrastructure Security: The DNSSEC Protocol and Public Policy Questions – <i>Amy Friedlander, Stephen Crocker, Allison Mankin, Douglas Maughan, Douglas Montgomery</i> Good Neighbors can Make Good Fences: Peer Production of Privacy & Security Information - <i>L Jean Camp, Allan Friedman</i>
10:40 – 12:20	Copyright <ul style="list-style-type: none"> Info-communism? A Critique of the Emerging Discourse on Property Rights in Information - <i>Milton Mueller</i> From DVDs to Garage Doors: The Move to Counter the Move to Counter Established Notions of Fair Use – <i>Bruce Abramson</i> The Effect of Decrease of Copying Cost on Optimal Copyright Duration: The Role of Independent Publisher – <i>Michael Yuan</i> A Model of P2P Piracy as Prerequisite to Commercial Viability – <i>Eli Noam</i> 	ISPs and Market Structure <ul style="list-style-type: none"> A Simple Game Theoretic Analysis of Peering and Transit Contracting among Internet Access Providers – <i>Narine Badasyan</i> The Market Structure of Internet Service Provision – <i>Anindya Chaudhuri</i> The Growth of Internet Overlay Networks: Implications for Architecture, Industry Structure and Policy – <i>William Lehr</i> The Effects of Regulation on Competition and Innovation Incentives – <i>Neal Stolleman</i> 	Lessons for Regulators <ul style="list-style-type: none"> Deregulation and the Changing Role of the State: From the AT&T Divestiture to the 1996 Telecommunications Act – <i>Karen Gustafson</i> Back to the Future: How Transportation Deregulatory Policies Foreshadow Evolution of Communications Policies – <i>Barbara Cherry</i> Traits of an Independent Communications Regulator: a Search for Indicators – <i>Irene Wu</i> Strength in Numbers? Public Participation in Ownership Proceedings at the Federal Communications Commission – <i>JoAnne Holman</i> 	The Impact of Broadband Deployment <ul style="list-style-type: none"> Measuring Broadband's Economic Impact – <i>Sharon Gillett, Marvin Sirbu, William Lehr, Carlos Osorio</i> Closing the Rural Broadband Gap: A Field Experiment – <i>Sharon Stover, Joe Straubhaar, Robert LaRose, Jennifer Gregg</i> The Path to Broadband: Policy Implications of Adoption Patterns – <i>John Horrigan</i> The K-Net Model of First Nations Broadband Community Networking – <i>Andrew Clement, Adam Fiser, Brian Walmark</i>
2:00 – 3:40	Network Neutrality vs. Network Diversity: The Debate Between Open and Proprietary Broadband Architectures (Panel Discussion – Track C) <p>One of the most important and persistent questions in broadband policy is whether Congress and the FCC should mandate an open architecture, in which network owners are required to make their networks available to all content and applications providers on a nondiscriminatory basis, or should instead permit network owners to deploy proprietary architectures. The resolution of this issue will have implications for emerging applications, such as VoIP, as well as the basic structure of the Internet itself. This panel will explore whether Congress and the FCC should mandate an open, interoperable architecture or should permit network owners to experiment with proprietary systems, taking into account the impact of the Supreme Court's recent decision in <i>Brand X</i>, the ongoing proceedings before the FCC, and Congress's efforts to overhaul the statutes governing the regulation of communications.</p>	Network Pricing <ul style="list-style-type: none"> Regulated Prices with Competition and Heterogeneous Consumers – <i>Greg Rosston</i> Technical Compatibility and the Mode of Foreign Entry with Network Externalities – <i>Mikhail Klimenko</i> Optimal Pricing with Uncertainty – <i>James Alleman, Paul Rappoport</i> Retail Prices, Rebalancing, and Facility-Based Entry into the Telecommunications Market – <i>Carolyn Gideon, David Gabel</i> 	Creative Disruption: New Technologies and Innovation <ul style="list-style-type: none"> Sensors and Sensibilities – <i>Keven Werbach</i> Networks Effects and the Role of Influence in Technology Adoption – <i>Catherine Tucker</i> TV in Your Cell Phone: The Introduction of Digital Multimedia Broadcasting (DMB) in Korea – <i>Seungwhan Lee, Dong Kyun Kwak</i> The Social Efficiency of Fairness: An Information Economics Approach to Innovation – <i>Gavin Clarkson, Marshall Van Alstyne</i> 	Social and Political Implications of Information and Communication Technologies <ul style="list-style-type: none"> Opening to the World: The Effect of Internet Access on Corruption – <i>Martha Garcia-Murillo</i> Investigating the Effects of Information Technology on Political Participation and Communication Behavior – <i>Andrea Kavanaugh, Philip Isenhour, Manuel Perez Quinones, Daniel Dunlap</i> The Right to Communicate: Democracy and the Digital Divide – <i>Carolyn Cunningham</i> Independent Noncommercial Television: Technological, Economic and Social Change Open the Door to a New Model of Video Distribution – <i>Mark Cooper</i>
4:10 – 5:50	Open Source Software <ul style="list-style-type: none"> Patent Commons Becomes a Reality for Open Source Software – <i>Tom Plunkett</i> Standard Setting, Intellectual Property Policy, and Access Lock-In: The Meaning of the RAND Licensing Promise – <i>Joseph Miller, Lydia Loren</i> Contracts, Licenses or Abandonments? An Exploration of the Legal Consequences of Open Source and Creative Commons Notices – <i>Lydia Loren</i> Two-sided Competition of Proprietary vs. Open Source Technology Platforms and the Implications for the Software Industry – <i>Nicholas Economides</i> 	Competition in the Local Loop <ul style="list-style-type: none"> Regulated Unbundling of Telecommunications Networks: A Stepping Stone to Facilities Based Competition? – <i>Bazelon Coleman</i> Does UNE Mean One? An Analysis of the Determinants of UNE Rates - <i>Troy Quast</i> From Clones to Packets: The Development of Competition in Local Telecommunications - <i>Stanford Levin, Willie Grieve</i> Telecommunications Merger Trends in the Context of the Coverage - Using the U.S. Merger Cases - <i>Jin Ki Kim</i> 	Innovative Approaches to Defining Spectrum Rights <ul style="list-style-type: none"> Analysis of Cognitive Radios on Spectrum Management – <i>Thomas Rondeau, Charles Bostian, David Maldonado, Adam Ferguson, Sheryl Ball, Scott Midkiff, Bin Le</i> The "Ham And SDR Sandwiches": Innovation and Enforcement Issues for Free and Open-Source Software on Software-Defined Radio – <i>James Miller, Lydia Loren</i> Software Defaults as De Facto Regulation: The Case of Wireless Routers – <i>Rajiv Shah</i> WiFi's Promise and Broadband Divides: Reconfiguring Public Internet Access in Austin, Texas -- <i>Martha Fuentes-Bautista, Nobuya Inagaki</i> 	Universal Service Policy <ul style="list-style-type: none"> Motivations Behind Low-Income Households Bypass of Support for Universal Service – <i>Justin Brown, Mark Jamison</i> Universal Service Policy in China: Building Digital Bridge for Rural Community – <i>Jun Xia, Lu Ting-jie</i> Killing With Kindness: Fatal Flaws in the \$5.6 Billion Universal Service Funding Mission and What Should be Done to Narrow the Digital Divide – <i>Rob Frieden</i> Universal Access: Precedents, Prevarications and Progress – <i>Harmeet Sawhney, Krishna P. Jayakar</i>
Sunday 8:30 – 10:10	Mass Media, Industry Structure and the Public Interest <ul style="list-style-type: none"> The Media Monopoly as Reality or Myth: Has Competition Expanded American's Sources of Information and Entertainment? – <i>Ben Compaine</i> Market Structure and Local Affairs Programming on Local Television: The Case of Local TV Multiple Ownership - <i>Michael Zhaoxu Yan, Yong Jin Park</i> The Effects of Ownership Concentration on Consumer Welfare and Program Quality in Broadcast Media: A Practical Game Theory Model – <i>Stephen Wendel</i> Reciprocal Carriage of Vertically Integrated Cable Networks: An Empirical Study - <i>Jun-Seok Kang</i> 	VoIP <ul style="list-style-type: none"> Can VoIP Providers Meet Their Social Obligations? – <i>Scott Forbes</i> "Geography is Meaningless on the Internet" and Other Hyperboles – <i>Robert Cannon</i> VoIP under the EU Regulatory Framework: Preventing Foreclosure? – <i>Bas Straathof, Bert Sadowski</i> Social Policy, Regulatory Models, and VoIP – <i>Scott Marcus, Doug Sicker</i> 	Lessons for Regulators: International Experiences <ul style="list-style-type: none"> You pick up the phone and it works: An Examination of Real World Telecom Reform in the European Union – <i>Michael Weisman</i> Competition in International Voice Communications – <i>Carlo Rossotto</i> Restructuring China's Information Policy: WTO Commitments, China's Unique Circumstances, and the "Independent Regulator" Issue – <i>Richard Taylor</i> The Impact of Telecoms on Economic Growth in Developing Countries – <i>Leonard Waverman</i> 	Users' Perspective on Privacy <ul style="list-style-type: none"> The Fourth Amendment and the Computer Forensics Process – <i>Orin Kerr</i> Consumer Demand for Privacy: Empirical Measurement Using the National Do-Not-Call Registry – <i>Glenn Woroch, Hal Varian, Frederick Wallenberg</i> Privacy Perceptions in India: A Mental Model Study – <i>Ponnamagam Kumaraguru, Elaine Newton, Lorrie Cranor</i> Understanding U.S. Perceptions of Data Security, Privacy, and Technology: A Mental Models Approach – <i>Elaine Newton, Granger Morgan</i>
10:40 – 12:20	Mass Media: Content and Culture <ul style="list-style-type: none"> Indecency, Content Regulation and Cultural Policy – <i>Kathleen Wallman</i> Media Deregulation and the Online News Market – <i>Kelly Garrett</i> Changing Markets, New Technology, and Violent Content: An Economic Study of Motion Picture Genre Trends – <i>David Waterman, Michael Zhaoxu, Weiting Lu</i> Access to Audiences as a First Amendment Right: Its Relevance and Implications for Electronic Media Policy – <i>Philip Napoli</i> 	Policy Implications of Wireless Technologies <ul style="list-style-type: none"> Competition in the United States Wireless Telephony Industry – <i>Carol McDonough</i> Competition in the U.S. Cellular Industry: The Role of and Prospects for Small Carriers – <i>Carleen Maitland</i> Public-Private Partnerships and the Role of State Legislation in Wireless Municipal Networks – <i>Andrea Tapia</i> 	Frameworks for Regulation <ul style="list-style-type: none"> Towards an Economic Framework for Network Neutrality Regulation – <i>Barbara Van Schewick</i> On the Regulation of Networks as Complex Systems: A Graph Theory Approach – <i>Christopher Yoo</i> The Flat Model of Telecom Regulation – <i>Tim Wu</i> Entry and Vertical Disintegration in Networks – <i>Christiaan Hogendorn, Alain de Fontenay</i> 	

TPRC 2005 Schedule

Friday, September 23	Saturday, September 24	Sunday, September 25
1:00 p.m. Registration 2:00 p.m. Panels 4:00 p.m. Panels 5:30 p.m. Reception 6:30 p.m. Dinner and Speaker	8:00 a.m. Continental Breakfast 8:30 a.m. Paper Sessions 12:20 p.m. Lunch 2:00 p.m. Paper Sessions 5:30 p.m. Reception 6:30 p.m. Dinner and Panel	8:00 a.m. Continental Breakfast 8:30 a.m. Paper Sessions 12:20 p.m. Conference Adjourned
Late Registration Fee after August 31, 2005		

Program Highlights

Sponsors

Special Speakers

<p style="text-align: center; color: #800000;">Friday Panels:</p> <p>A series of four panels will be offered beginning at 2 p.m. on Friday afternoon. Panel topics will include:</p> <p>2:00 PM</p> <ul style="list-style-type: none"> • The European Union's Communications Regulatory Framework • Mergers <p>4:00 PM</p> <ul style="list-style-type: none"> • The Future of File Sharing after Grokster • ICT's and the Community <p>For panel descriptions and participants, please see our website: www.tprc.org</p>	<p style="text-align: center;">IBM Corporation</p> <p>Contact info@tprc.org for additional information concerning sponsorship opportunities.</p>	<p style="text-align: center; color: #800000;">Friday Dinner</p> <p style="text-align: center;">Rewriting the Telecom Acts Roundtable of Former FCC Commissioners</p> <p style="text-align: center;"><i>Panel:</i> Harold Furchtgott-Roth Dick Wiley Reed Hundt</p> <p style="text-align: center; color: #800000;">Saturday Lunch and Networking Student Paper Awards</p> <p style="text-align: center; color: #800000;">Saturday Dinner David L. Tennenhouse Vice President, Corporate Technology Group Director, Research, Intel Corporation</p>
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Meeting Venue

Hotel Information

<p>The 33rd Annual Telecommunications Policy and Research Conference will be held at George Mason University School of Law in Arlington, VA. Situated in the Washington, DC area, the National Center for Technology and the Law (the Tech Center) at the School of Law offers an ideal atmosphere to explore policy issues within the shadow of the Capitol</p> <p>Directions to George Mason University School of Law: www.law.gmu.edu/geninfo/directions.html</p>	<p>Rooms have been reserved at the L. William Seidman Center Hotel at 3541 N. Fairfax Ave., Arlington, VA adjacent to the GMU School of Law. The Hotel is an FDIC facility operated to house those attending events at the Center. Luxury accommodations including spacious rooms with kitchen facilities are available for conference registrants for \$110 per night.</p> <p style="text-align: right;">Please call the hotel directly to reserve a room, (703) 516-4630.</p> <p>Alternate hotels are available in the Ballston area. The GMU School of Law and the Seidman Center Hotel are located near the Virginia Center station of the Orange line of the Metro. For detailed directions, visit www.law.gmu.edu/geninfo/directions.html.</p>
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