The 45th Research Conference on Communications, Information and Internet Policy September 8-9, 2017

Hosted by Antonin Scalia Law School, George Mason University
Program on Economics and Privacy
Arlington, VA

Thursday, September 7

Pre-Conference Session 10:30 am Graduate Student Consortium (by invitation) US Telecommunication Association Conference Room 3:30 pm Capitol Hill Briefing 2075 Rayburn House Office Building

Friday, September 8

8:00 am Registration and Continental Breakfast9:00 am Paper Sessions outlined in grid10:40 am Coffee Break11:15 am Panel Sessions

12:45 pm Lunch and Keynote Speaker:
- Johnathan Holifield

Author, innovator

2:15 pm Panel Sessions outlined in grid

3:45 pm Coffee Break

4:10 pm Paper Sessions outlined in grid

5:50 pm Reception and Poster Session

7:00 pm Dinner and Keynote Speaker:

- The Honorable Terrell McSweeny Commissioner, FTC

Saturday, September 9

8:00 am Registration and Continental Breakfast
9:00 am Paper Sessions outlined in grid
10:40 am Coffee Break
11:10 am Paper Sessions outlined in grid
12:50 pm Lunch and Student Paper Awards
Presentation of the Charles Benton
Junior Scholar Award

2:00 pm Paper Sessions outlined in grid

3:40 pm Coffee Break

4:05 pm Paper Sessions outlined in grid

5:45 pm Closing Reception

Conference Information

The 45th Annual Telecommunications Policy Research Conference will be held at Antonin Scalia Law School, George Mason University in Arlington, VA. Situated in the Washington, DC area, the Law School offers an ideal atmosphere to explore policy issues within the shadow of the Capitol. For detailed directions, visit www.law.gmu.edu/geninfo/directions.html.

George Mason University Arlington campus is conveniently located two blocks from the Metro Orange Line Virginia Square/GMU station.

Hotel Information

The L. William Seidman Center Hotel at 3451 N. Fairfax Ave., Arlington, VA is adjacent to the GMU Arlington campus. The hotel is an FDIC facility. Luxury accommodations including spacious rooms with kitchen facilities are available. Please note: the Seidman Center will not split hotel room charges among registrants. The person reserving the room is responsible for full payment.

Alternate hotels are available within walking distance to the conference in the Ballston area. For more information check our website, www.tprc.org.

Hotel reservations should be made directly with the FDIC Seidman Center Hotel by calling 703 516-4630 and referring to the GMU TPRC.

Conference Registration

Online registration is available at www.tprc.org. A downloadable hard copy of the registration form is also available.

Conference Fees

	Before	After
	Aug. 15	Aug. 15
Student	\$125	\$250
Authors/Co-Authors	\$235	\$385
Academic, Gov't, Nonprofit	\$445	\$595
Industry	\$645	\$795

Registration fees cover all conference sessions, conference materials, continental breakfasts, lunches, dinner and coffee breaks.

An additional \$100 will be charged for on-site registration.



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Continuing Legal Education (CLE) Credits

Each year, TPRC applies for CLE accreditation from Pennsylvania and Illinios. Registered legal professionals can earn up to 14 hours of credits. CLE program is included in registration fees.

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For additional information on sponsorship opportunities, contact Syd Verinder at sverinder@hotmail.com.

> Watch our website www.tprc.org

Updated Conference Information

Paper and Panel Sessions Friday, September 8

Friday	Hazel 329 Broadband 1 Moderator: Patrick Sun FCC	Auditorium Security/Privacy 1 Moderator: Bill Lehr MIT	Hazel 120 Digital Inclusion 1 Moderator: Chris McGovern Connected Nation	Hazel 221 Social Media 1 Moderator: Debra Berlyn Consumer Policy Solutions	Hazel 332 Economics/Political Economy 1 Moderator: Martin Weiss University of Pittsburgh
9:00- 10:40	You Get What You Measure: Internet Performance Measurement as a Policy Tool Richard Bennett, High Tech Forum	How the GDPR Stacks Up to Best Practices for Privacy, Accountability and Trust Roslyn Layton, Aalborg University	Common Sense: An Examination of Three Los Angeles Community WiFi Projects that Privileged Public Funding Over Commons-Based Infrastructure Management Gwen Shaffer, California State University Long Beach	Whom the Revenue Goes: A Network Economic Analysis of the Price War in the Wireless Telecommunication Industry, Vaggelis Douros*, RWTH Aachen University, Petri Mähönen, RWTH Aachen University	A Typology of Information Distribution Organizations Jasmine E. McNealy, University of Florida
	An Empirical Evaluation of Deployed DPI Middleboxes and Their Implications for Policymakers David Choffnes, Northeastern University, Phillipa Gill, University of Massachusetts Amherst, Alan Mislove, Northeastern University	Balancing Security and Other Requirements in Hastily Formed Networks: The Case of the Syrian Refugee Response Carleen Maitland, Pennsylvania State University, Rakesh Bharania, Tarian Inovation	Connecting the Unconnected: The Case of Mexico's Wholesale Shared Network Zoraida Frias, Universidad Politocnica de Madrid, Catalina Ovando, Posgrados UPAEP, Juan Carlos Bocarando, UPAEP	The Functionalities of Success- A Psychological Exploration of Mobile Messenger Apps' Success Rene Arnold, Wissenschaftliches Institut fur Infrastruktur und Kommunikationsdienste, Anna Schneider, Hochschule Fresenius - University of Applied Sciences	Technological Diversification into "Blue Oceans"? A Patent-Based Analysis of Patent Profiles of ICT Firms Bert M. Sadowski, Eindhoven University of Technology (TUE), Jason Whalley, Northumbria University, Ãnder Nomaler, TUE
	Disclosures on Network Management Practices and Performance of Broadband Service Juan Manuel Roldan, Carnegie Mellon University	Cyber Security Capacity: Does It Matter? William H. Dutton, Michigan State University - Quello Center, Sadie Creese, University of Oxford, Ruth Shillair, Michigan State University, Maria Bada, University of Oxford, Taylor Roberts, University of Oxford	Digital and Economic Inclusion: How Internet Adoption Impacts Banking Status Giulia McHenry, National Telecommunications and Information Administration (NTIA), Rafi M. Goldberg, NTIA, Maureen Lewis, NTIA, Edward Carlson, NTIA, Ishan Mehta, Georgia Institute of Technology	User-Generated Content: An Examination of Users and the Commodification of Instagram Posts June Price Macon, University of Illinois Chicago	Using Aggregate Market Data to Estimate Patent Value R. Scott Hiller, Fairfield University, Scott Savage, University of Colorado at Boulder, Donald Waldman, University of Colorado at Boulder

Friday		Auditorium	Hazel 120		
11:15- 12:45 pm		The Next Stages of the Network Neutrality Debate Eli M. Noam, Columbia Business School - Finance and Economics, W. Russell Neuman, NYU	A Tale of Two Agencies: Privacy at the FCC and FTC Berin Szoka		
Friday	Hazel 329	Auditorium	Hazel 120		
2:15-3:45 pm	Mobile Broadband Strategies: Comparing Policy Issues and Research Challenges in Developed and Developing Countries Prabir Neogi	Regulation for Internet Platforms Christopher S. Yoo, University of Pennsylvania Law School	The National Broadband Research Agenda: Next Steps Krishna Jayakar, Pennsylvania State University		
Friday	Hazel 329 Broadband 2 Moderator: Marvin Sirbu Carnegie Mellon University	Auditorium Economics/Political Economy 2 Moderator: Tim Brennan, UMBC	Hazel 120 loT Moderator: Henning Schulzrinne Columbia University	Hazel 221 ICT and Emerging/Developing Economies 1 Moderator: S. Jenell Trigg Lerman Senter	Hazel 332 Economics/Political Economy 3 Moderator: Olga Ukhaneva Navigant & Georgetown U
4:10-5:50	Tomorrow's Backhaul: Comparative Analysis of Backhaul Cost for Next Generation Mobile Broadband Adnan Munir Mian, University of Colorado Boulder (Student Paper Award)	Sensitive-by-Distance: Quasi-Health Data in the Algorithmic Era Gianclaudio Malgieri*, Vrije Universiteit Brussel (VUB), Faculty of Law, Giovanni Comandé	Commodifying Trust: Trusted Commerce Policy Intersecting Block-chain and IoT Lee W. McKnight, Syracuse University, Richie Etwaru, Syracuse University, Yihang Yu, Syracuse University	TV White Space as a Feasible Solution to Spread Mobile Broadband Miquel Oliver, Universitat Pompeu Fabra, Francisco Salas, Universitat Pompeu	Communications Act 2021, William Lehr*, Massachusetts Institute of Technology (MIT) - Computer Science and Artificial Intelligence Laboratory (CSAIL), Douglas Sicker, Carnegie Mellon University
	Investigating End-To-End Integrity Violations in Internet Traffic	Identifying Market Power in Times of Constant Change	Information Policy Dimension of Emerging Technologies	Web Accessibility Standards as Organ- izational Innovations: An	Price and Quality Competition in U.S. Broadband Service Markets

Alan Mislove, Northeastern University, David Choffnes, Northeastern University, Taejoong Chung*, Northeastern University	Janice Alane Hauge, University of North Texas, Mark Jamison, University of Florida	Radhika Garg, Syracuse University, Corinna Schmitt, University of Zurich, Burkhard Stiller, University of Zurich	Empirical Analysis in a Developing Country Context Krishna Jayakar, Pennsylvania State University, Zhiwei Tang, Huiping Zhang, Yang Bai, Pennsylvania State University	Kenneth Flamm, University of Texas at Austin, Carlos Herrera, University of Texas at Austin
The Effects of Broadband Data Caps: A Critical Survey Scott Jordan, University of California, Irvine - Donald Bren School of Information and Computer Sciences	Beyond the Mogul: From Media Conglomerates to Portfolio Media Eli M. Noam, Columbia Business School - Finance and Economics	Mitigating Risk: Insurance for the Internet of Unexpected Things Martin Saint, Carnegie Mellon University, Aminata Garba, Carnegie Mellon University	Understanding Mobile Service Substitution and the Urban-Rural Digital Divide in Nigeria Erezi Ogbo, Carnegie Mellon University, Tim Brown, Carnegie Mellon University, Douglas Sicker, Carnegie Mellon University	Complementary Realities: Public Domain Internet Measurements in the Development of Canada's Universal Access Policies Reza Rajabiun, Ryerson University, Fenwick McKelvey, Concordia University, Quebec

Poster Session (5:45 – 6:45 pm)

- Zero Rating and the Adoption of Virtual and Augmented Reality, Geoffrey A. Manne, International Center for Law & Economics (ICLE), Gibby Allen*, International Center for Law & Economics (ICLE)
- Strengthening the Internet for Global, Ubiquitous and Secure Commercial Use: Perspectives, Lessons, Issues and Challenges, Prabir Kumar Neogi*, Carleton University Canada-India Centre of Excellence in Science, Technology, Trade and Policy
- A Statistical Framework to Monitor the Quality of Service in Mobile Networks, Tania Villa*, Instituto Federal de Telecomunicaciones, Nimbe Ewald
- Externalities in Digital Markets: The Role of Standards in Promoting IoT Security, Jacob B. Malone, CableLabs
- Auctions for Essential Inputs, Rey Patrick, Toulouse School of Economics, David J. Salant*, Toulouse School of Economics
- Live Streaming of Terrestrial TV Programs in Japan (or lack thereof): Public Welfare through Weak Competition?. Shinichiro Terada, University of California, Berkeley, Tomoaki Watanabe, Keio University,
- Freeriding in Shared Spectrum Markets, Rahman Mostafizur, University of Central Florida, Murat Yuksel, University of Central Florida, Thomas Quint, University of Nevada Reno, Brie Haupt, University of Central Florida, Naim Kapucu, University of Central Florida

Discussions about Submission Selection

During the Friday 3:40 pm Coffee Break and the Saturday 10:40 am Coffee Break, the TPRC Board/Program Task Force will facilitate discussion on our current submission selection and the potential of full paper submissions. Join the conversation during the coffee breaks.

Paper Sessions Saturday, September 9

	Hazel 329 Broadband 3 Moderator: Jane Coffin Internet Society	Hazel 225 ICT and Emerging/Developing Economies 2 Moderator: Jack Karsten, Brookings Institution	Hazel 120 Digital Inclusion 2 Moderator: Mark Jamison, University of Florida	Hazel 221 Spectrum 1 Moderator: Giulia McHenry, NTIA	Hazel 332 Economics/Political Economy 4 Moderator: Andrew Stivers FTC
00-10:40	Regulating the Open Internet: Past Developments and Emerging Challenges, Kendall J. Koning*, Aleksandr Yankelevich, Michigan State University - Quello Center	A Socio-Technical Analysis of China's Cyber Security Policy: Towards Delivering Trusted E- Government Services Huiping Zhang, Zhiwei Tang, Krishna Jayakar, Pennsylvania State University	Learning from or Leaning On? How Children Affect Internet Use by Adults' Hernan Galperin, University of Southern California, Malena Arcidiacono, CEDL	The Evolution of U.S. Spectrum Values Over Time Michelle P. Connolly, Duke University, Nelson Sa, Vassar College, Christopher Roark, Duke University, Azeem Zaman, Duke University, Akshaya Trivedi, Duke University	Policy Alternatives for Better and Wiser Use of the NGN: Competition, Functional Separation, or What?, Bronwyn E. Howell, Victoria University of Wellington, Masatsugu Tsuji*, University of Hyogo, Sobee Shinohara, KDDI Research, Inc.
	The Internet of Platforms and Two-sided Markets: Implications for Competition and Consumers Rob Frieden, Pennsylvania State University	Getting There from Here: 30 in 2020 in the Democratic Republic of Congo Lee W. McKnight, Syracuse University iSchool, Yihan Yu, Syracuse University	Libraries, the National Digital Platform, and Inclusion Sharon Strover, University of Texas at Austin, Brian Whitacre, Oklahoma State University, Colin Rhinesmith, Simmons College, Alexis Schrubbe, University of Texas at Austin	Spectrum Policies for Intelligent Transportation Systems Alexandre K. Ligo, Carnegie Mellon University, Jon M. Peha, Carnegie Mellon University	Degrees of Ignorance About the Costs of Data Breaches: What Policymakers Can and Can't Do About the Lack of Good Empirical Data Josephine Wolff, Rochester Institute of Technology, William Lehr, Massachusetts Institute of Technology (CSAIL)
	Smartphones and Urban Transportation Mode Choice Joseph F. Wyer, Federal Communications Commission (FCC), Wesley W. Wilson, University of Oregon	Mobile Communications Among the Bedouin in Israel: The Digital Exclusion of an Indigenous People, Amit M. Schejter*, Ben-Gurion University of the Negev, Ghalia Abu Kaf, Ben- Gurion University of the Negev	What is the Impact of Broadband Bandwidth Variability on Quality of Life? - Lessons from Sweden Moinul Zaber, University of Dhaka, Erik Bohlin, Chalmers University of Technology, Sven Lindmark, Chalmers University	A New Spectrum License for Old Circumstances: A Retrospective Look at the Nextel Interference Proceedings Martin Saint, Carnegie Mellon University, Tim Brown, Carnegie Mellon University	Content Analysis of Cyber Insurance Policies: How Do Carriers Write Policies and Price Cyber Risk? Sasha Romanosky, RAND Corporation, Lilian Ablon, RAND Corporation, Andreas Kuehn, RAND Corporation, Therese Jones, RAND Corporation
urday	Hazel 329	Hazel 225	Hazel 120	Hazel 221	Hazel 332

	Broadband 4 Moderator: Randolph May The Free State Foundation	Public Policy 1 Moderator: Ken Flamm University of Texas at Austin	Adoption and Use 1 Moderator: Octavian Carare FCC	Spectrum 2 Moderator: Doug Brake ITIF	Economics/Political Economy 5 Moderator: Scott Wallsten TPI
Ne Inr Pa Co Ce	The 'Innovation Radar': A New Policy Tool to Support Innovation Management Paul Desruelle, European Commission Joint Research Center, Daniel Nepelski, European Commission	Spectrum Management Issues for the Operation of Commercial Services with Drones Carlos Caicedo, Syracuse University	Municipal Fiber in the United States: An Empirical Assessment Christopher S. Yoo, University of Pennsylvania Law School, Timothy Pfenninger, University of Pennsylvania	Cellular Economies of Scale and Why Disparities in Spectrum Holdings are Detrimental Jon M. Peha, Carnegie Mellon University	An Analysis of Job and Wage Growth in the Telecom/Tech Sector Michael Mandel, Progressive Policy Institute
•	A Practical Guide to Applying the Law of the Sea into the Internet: Where the Internet Root Zone and the High Seas Find Each Other Patricia Adriana Vargas Leon, Syracuse University, Farzaneh Badiei, Georgia Institute of Technology	Price-Cap Regulation of Firms that Supply Their Rivals Omar A. Nayeem, Federal Communications Commission, Aleksandr Yankelevich, Michigan State University - Quello Center	The Empirical Economics of Online Attention Andre Boik, University of California, Shane M. Greenstein, Harvard University, Jeffrey Prince, Indiana University	The Devil Is in the Details: Lessons from Indian Spectrum Auctions, Rehka Jain, IIMA-IDEA Telecom Centre of Excellence, IIMA	Crowd Sourcing Internet Governance: The Case of ICANN's Strategy Panel on Multistakeholder Innovation Brandie Martin Nonnecke, University of California Berkeley, Dmitry Epstein, University of Illinois at Chicago
	Compatibility and Interoperability in Mobile Phone-Based Banking Networks Nicholas Economides, New York University, Przemyslaw Jeziorski, University of California, Berkeley	An Economic Welfare Analysis of Shared Spectrum Use: A Case Study of LTE-U/LAA Mark Bykowsky, Federal Communications Commission, William W. Sharkey, Federal Communications Commission (FCC)	When Regulation Fills a Policy Gap: Toward Universal Broadband in the Remote North Heather Hudson, University of Alaska Anchorage		Changing Markets in Operating Systems; a Socio-Economic Analysis, Silvia Monica Elaluf-Calderwood, Florida International University, Jonathan Liebenau*, London School of Economics & Political Science, Enrico Rossi, London School of Economics and Political Science

Saturday Hazel 329 Hazel 225 Hazel 120 Hazel 221 Hazel 332

Broadband 5 Moderator: David Gabel Queens College	Security/Privacy 2 Moderator: Jesse Sowell Stanford University	Digital Inclusion 3 Moderator: Linda Alki SURA	Social Media 2 Moderator: Christiaan Hogendorn Wesleyan University	Economics/Political Economy 6 Moderator: Trey Hanbury Hogan Lovells
Towards the Successful Deployment of 5G in Europe: Two Contrasting Scenarios Wolter Lemstra, Delft University of Technology - Department Technology, Policy and Management	Networked Privacy and Security – Examples and Suggestions Jonathan Cave, University of Warwick	Geographic Patterns and Socio-Economic Influences on Internet Use in U.S. States: A Spatial and Multivariate Analysis Avijit Sarkar, University of Redlands, James B. Pick, University of Redlands, Elizabeth Parrish, University of Redlands	The Challenge of Internet and Social Media on Shield Law Legislation: Four Dimensions of Reporter's Privilege Tuomo Mora, University of Helsinki	Uncertainty in the National Infrastructure Assessment of Mobile Telecom- munications Infrastructure Edward Oughton, University of Cambridge, Zoraida Frias Universidad Politocnica de Madrid, Tom Russell, University of Oxford, David Cleevely
Understanding the Trend to Mobile-Only for Internet Connections: A Decomposition Analysis Jacob Manlove, Oklahoma State University - Stillwater (student paper award)	Privacy, Information Acquisition, and Market Competition Soo Jin Kim, Michigan State University - Department of Economics	Distinguishing Bandwidth and Latency in Household's Willingness-To-Pay for Broadband Internet Speed Yu-Hsin Liu, Indiana University, Jeffrey Prince, Indiana University, Scott Wallsten, Technology Policy Institute	Siri, Who's the Boss? For Whom Do Intelligent Agents Work? Salil K. Mehra, Temple University - James E. Beasley School of Law	Limiting the Market for Information as a Tool of Governance: Evidence from Russia Klaus Ackermann, Center for Data Science and Public Policy, University of Chicago
The Evolution of the Internet Interconnection Ecosystem: A Peering Policy Survey Robert Cannon	Smile for the Camera: Privacy and Policy Implications of Emotion AI Elaine Sedenberg, University of California, Berkeley, John Chuang, University of California, Berkeley	Race and Digital Inequalities: Policy Implications Colin H. Rhinesmith, Simmons College, Bianca Christin Reisdorf, Michigan State University	What If More Speech Is No Longer the Solution? First Amendment Theory Meets Fake News and the Filter Bubble Philip M. Napoli, Duke University, Petra Ronald, Duke University	Business Data Services after the 1996 Act: Structure, Conduct, Performance in the Core of the Digital Communications Network Mark Cooper, Institute for Energy and the Environment

Saturday Hazel 329 Hazel 225 Hazel 120 Hazel 221 Hazel 332

	Broadband 6 Moderator: Chris Lewis PublicKnowledge	Public Policy 2 Moderator: Gavin Logan National Urban League	Adoption and Use 2 Moderator: Jim McConnaughey NTIA (retired)	Spectrum 3 Moderator: Peter Tenhula NTIA	Economics/Political Economy 7 Moderator: Fernando Laguarda American University
4:05-5:45	Social Shaping of the Politics of Internet Search and Net-working: Moving Beyond Filter Bubbles, Echo Chambers, and Fake News William H. Dutton, Michigan State University, Bianca Christin Reisdorf, Michigan State University, Elizabeth Dubois, University of Ottawa, Grant Blank, Oxford Internet Institute	Fake News, Fake Problem? An Analysis of the Fake News Audience in the Lead Up to the 2016 Presidential Election Jacob Nelson, Northwestern University (Student Paper Award)	Police Perceptions of Body-Worn Cameras, Max Goetschel*, Carnegie Mellon University, Jon M. Peha, Carnegie Mellon University	Matching Markets for Spectrum Sharing Marcela M. Gomez, University of Pittsburgh, Martin B. H. Weiss, University of Pittsburgh, Giulia McHenry, (NTIA), Linda Doyle, Trinity College Dublin	How Compatible are the DOJ and FCC's Approaches to Identifying Harms to Telecommunications Innovation? Ryland Sherman, Indiana University Bloomington
	Number Effects and Tacit Collusion in Oligopolistic Markets Niklas Horstmann, Karlsruhe Institute of Technology, Jan Kraemer, University of Passau, Daniel Schnurr, University of Passau	Exploration of the Federal Communications Commission's Experimental Radio Service (ERS): Understanding of Ten Years of Experimental Spectrum Licenses Pedro Jose Bustamante, University of Pittsburgh, Martin B. H. Weiss, University of Pittsburgh, Douglas Sicker, Carnegie Mellon University	How News Organizations Paraphrase Their Stories on Social Media? Computa-tional Text Analysis Approach, Chankyung Pak, Department of Media and Information,	Streamlining Permitting Processes for Small Cells in the Right of Way Irena Stevens, University of Colorado at Boulder	Emerging Business Models in the OTT Service Sector: A Global Inventory Eun-A Park, Western State Colorado University
	Dropping the Bundle? Welfare Effects of Content and Internet Petrus Potgieter, University of South Africa, Bronwyn E. Howell, Victoria University	From Net Neutrality to Application Store Neutrality? The Impact of Application Stores' Ranking Policies on Application Quality and Welfare Jan Kraemer, University of Passau, Oliver Zierke, University of Passau	An Analysis of Diffusion of Universal Basic Income Policy Over Twitter, Jeff Hemsley, Martha Garcia- Murillo, Syracuse University, Ian MacInnes*, Syracuse University	Not a Scarce Natural Resource: Alternatives to Spectrum-Think Jeffrey Westling, University of Colorado at Boulder, School of Law, Jean Pierre De Vries, University of Colorado at Boulder Law School	Global Governance of the Embedded Internet: The Urgency and the Policy Response Jenifer Sunrise Winter, University of Hawaii at Manoa, Richard D. Taylor, University of Hawaii

Friday, September 8, 11:15 am

The Next Stages of the Network Neutrality Debate

The network neutrality debate has proceeded on two levels: 1) the typical dynamic of public interest regulation versus the private industry preference for regulatory restraint and 2) the battle between two media industry segments – the ISP platforms versus the heavy commercial users. Panelists will review how these dynamics are likely to play out in a new political context.

Moderators: W. Russell Neuman, NYU and Eli Noam, Columbia University **Panelists**

- Tim Wu, Columbia University (accepted)
- Tom Hazlett, Clemson University (accepted)
- Kevin Martin, Facebook (invited)

A Tale of Two Agencies: Privacy at the FCC and FTC

Should there be different regulators and approaches for broadband companies versus other Internet companies? The Congressional Review Act resolution was enacted earlier this year repealed the FCC's rule and barred similar rules in the future, but would it affect the FCC's ability to enforce Title II directly? What options will the CRA leave the FCC in the future? And what will happen if/when the FCC cedes jurisdiction over broadband privacy back to the FTC? Will the FTC have adequate authority? An appellate panel decision called the FTC's jurisdiction into question but the full Ninth Circuit has since vacated that decision and will rehear the case in September. Does Congress need to address the common carrier exception? What other changes should be made to the FTC or FCC's authority or approaches? What authority will the states and private parties have?

Moderator: Gerry Stegmaier, Reed Smith LLP

Panelists:

- Gus Hurwitz, University of Nebraska Lincoln
- Harold Feld, PublicKnowledge

Friday, September 8, 2:15 pm

The National Broadband Research Agenda: Next Steps

Key personnel from the NTIA, NSF and the Office of Educational Technology, Department of Education who led the development of the National Broadband Research Agenda (NBRA) will brief the TPRC community about the NBRA, and discuss potential areas of cooperation between government stakeholders and the academic community to further research and policy-making on broadband access. Speakers will discuss the research, data collection and funding priorities for their respective agencies.

Moderator: Krishna Jayakar, Co-Director, Institute for Information Policy, Penn State University **Panelists**

- Susan Bearden, U.S. Department of Education. She was one of three co-chairs of the National Broadband Research Agenda.
- Jack Brassil, National Science Foundation
- Ken Calvert, National Science Foundation
- Sandeep Taxali, NTIA

Mobile Broadband Strategies: Comparing Policy Issues and Research Challenges in Developed and Developing Countries

This international panel will focus on the impact of the widespread penetration and use of intelligent mobile devices, in both developing and developed countries. The Panelists, whose expertise covers various countries and regions, will discuss and compare strategies being used in developed countries like the US, Australia and the EU, and developing countries like Mexico, Brazil and India, among others. [We wish to find out what has worked, what did not, the problems encountered and whether there are lessons to be learned that are of general applicability, as well as for particular countries.]

Moderator: Prabir Neogi, Canada-India Centre for Excellence, Carleton University, Ottawa Panelists (and areas of coverage):

- Jason Whalley, Northumbria University **[E.U. developments]**
- Thomas Hazlett, Clemson University [U.S. developments]
- Rekha Jain, Indian Institute of Management, Ahmedabad (IIMA) IIMA-IDEA Telecom Centre of Excellence (IITCOE) [India and South-East Asia]
- Roxana Barrantes Caceres, PUCA [Latin America, Mexico & Brazil]

Regulation of Internet Platforms

Debates about Internet policy frequently proceed from the premise that the Internet owes its success to presence of key platform technologies. Unfortunately, the concept of platforms remains badly undertheorized and understudied empirically. The result is that policymakers and enforcement authorities must often make key decisions without a clear idea of what aspects of platform design are essential and what practices are potentially problematic. The panel would include a discussion of the theoretical and empirical literature surrounding platforms. Key topics would the EU antitrust case against Google, the role of standard setting organizations, and the decisions not to include mobility and identity verification into IPv6.

Moderator: Christopher S. Yoo, University of Pennsylvania Law School **Panelists**:

- David Clark, MIT
- Tara Koslov, Federal Trade Commission
- Jonathan Liebenau, London School of Economics and Political Science
- Douglas Sicker, Carnegie Mellon University