

The 46th Research Conference on Communications, Information and Internet Policy

September 21-22, 2018

Hosted by American University Washington College of Law
Washington, DC

Thursday, September 20

Pre-Conference Session

10:30 am Graduate Student Consortium
(by invitation)
11:30 am Capitol Hill Briefing and Lunch

Friday, September 21

8:00 am Registration and Continental Breakfast
9:00 am Paper Sessions outlined in grid
10:40 am Coffee Break
11:15 am Paper Sessions outlined in grid
12:45 pm Lunch and Keynote Speaker
The Honorable Maureen Ohlhausen,
Commissioner, FTC
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
Dr. Jim Kurose, Asst Director for Artificial
Intelligence, OSTP

Saturday, September 22

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

NOTE NEW LOCATION:

The 46th Annual Telecommunications Policy Research Conference will be held at American University's Washington College of Law (WCL), 4300 Nebraska Ave NW, Washington DC 20016.

Located in Washington, D.C.'s historic Tenleytown neighborhood, WCL's 8.5 acre campus offers state-of-the-art facilities to host this year's TPRC. TPRC is pleased to announce a new relationship with AUWCL and we look forward to utilizing the excellent facilities.

Hotel Information

Washington, DC offers numerous options for lodging accommodations for those visiting from out of the area.

TPRC has a block of rooms at the Courtyard by Marriott Chevy Chase for \$129.00 USD per night. It is first come, first served basis with the block expiring August 20. Book your group rate for WCL TPRC46. Additional information is on our web site.

Conference Registration

Online registration is available at
www.tprcweb.com.

Conference Fees

	Before Aug. 31	After Aug. 31
Student	\$125	\$250
Authors/Co-Authors	\$245	\$395
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.



Follow us on Twitter
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Continuing Legal Education (CLE) Credits

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

TPRC46 Program Committee

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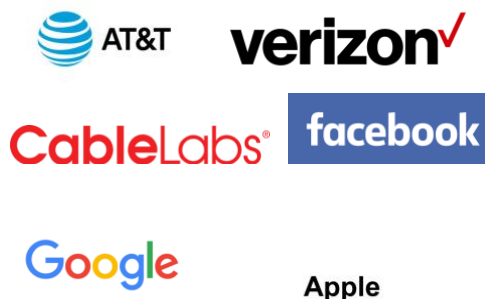
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For additional information on sponsorship opportunities,
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Watch our website
www.tprc.org
Updated Conference Information

Paper and Panel Sessions Friday, September 21

Friday	Broadband 1 NT01	Spectrum 1 Y403	Privacy/Security 1 Y402	Broadband 2 NT07	Competition Policy 1 Y116
	<i>Moderator</i> Gigi Sohn	<i>Moderator</i>	<i>Moderator</i> Alissa Cooper, IETF/Cisco	<i>Moderator</i> Doug Brake, ITIF	<i>Moderator</i> Mark Jamison University of Florida
9:00-10:40	The Influence of Topography and Fracking on Cellular Network Availability in Underserved Areas of Pennsylvania , Benjamin W. Cramer, Pennsylvania State University	Applying an Information Based Decision Analysis to Spectrum Management Regulatory Decisions , Mark Lofquist, University of Colorado at Boulder; David Reed, University of Colorado at Boulder	Factors Influencing Password Reuse: A Case Study , Jacob Abbott, Indiana University Bloomington; Daniel Calarco; L. Jean Camp, Indiana University Bloomington	Old Style Utility Regulation for New-style Cloud-TV? Eli M. Noam, Columbia Business School	Hello... Are You Still There? An Empirical Analysis How Market Structure Affects Quality in Mobile Networks , Nicolas Wellmann
	USDA's Rural Utilities Service and Rural Broadband: A Multistakeholder Approach to American Broadband Policy , Christopher Ali, University of Virginia	NewSpace Spectrum Sharing: Assessing Interference Risk and Mitigations for New Satellite Constellations , Susan Tonkin; Jean Pierre de Vries, University of Colorado at Boulder Law School - Silicon Flatirons Center	Roles for Policy-Makers in Emerging Cyber Insurance Industry Partnerships , Josephine Wolff, Rochester Institute of Technology; William Lehr, Massachusetts Institute of Technology CSAIL	Building a Digital Twin: Testing the Effectiveness of Telecommunication Policies in a Virtual World , Edward Oughton, Judge Business School, University of Cambridge	The Evolution of Broadband Competition in Local US Markets: A Distributional Analysis , Kenneth Flamm, University of Texas at Austin; Pablo Varas, University of Texas at Austin
	The Effect of Institutions, on the Access and Adoption of Telecommunication Services in Mexico, 2013-2018 , Christina Casanueva-Reguart, Universidad Iberoamericana	Sophisticated Spectrum Sharing Analysis: The Case of the 5.9 GHz Band , Yimin Pang, University of Colorado, Boulder; Joey Padden, CableLabs; Rob Alderfer, CableLabs	Consumer-ISP Security Notification and Remediation Strategies: An International Analysis , Nathaniel Fruchter, MIT; Steven Bauer, MIT	Telecom Deja Vu: A Model for Sharing in Broadband Access , Douglas Sicker, Carnegie Mellon University; William Lehr, Massachusetts Institute of Technology CSAIL	The Low Capital Intensity of Telecommunications and its Business and Policy Implications , Andrew Odlyzko, University of Minnesota - Twin Cities

Friday	Broadband 3 NT01	Data Science & Analysis Y403	Privacy/Security 2 Y403	Emerging Technologies 1 NT07	User/Consumer Behavior 1 Y116
	Moderator Bronwyn Howell Victoria University of New Zealand	Moderator James Miller, FCC	Moderator Eric Mill, GSA/USDS	Moderator Andrew Stivers, FTC	Moderator Rob Frieden, Pennsylvania State University
11:05- 12:45 pm	Last-Mile Connectivity Deployments in the Global South: An Exploratory Study of the Sustainability of New Business Models , Sharada Srinivasan, University of Pennsylvania Law School	The Impact of Technology Procurement Regulations on Social Value and National Competitiveness Frank Nagle, University of Southern California	Assessing Cybersecurity Policy Effectiveness in Africa via a Cybersecurity Liability Index , Kwasi Adomako, Carnegie Mellon University Africa; Nabeel Mohamed, Carnegie Mellon University; Aminata Garba, Carnegie Mellon University; Martin Saint, Carnegie Mellon University	Can Social Media Help Build Communities? Eric Forbush, University of Pennsylvania; Nicol Turner-Lee, Brookings Institute	A Study of Spatial Differentiation in Online Personal Health Realization of Rural Agricultural and Non- Agricultural Populations , Peter L. Stenberg, U.S. Department of Agriculture
	Keep Calm and Fight on: A Comparative Study of Network Neutrality in the United States, South Korea and Israel , Sangyong Han, University of Pennsylvania Law School; Amit M. Schejter, Ben-Gurion University of the Negev	The Smart Flanders Program: A Collaborative and Co- Creative Approach to the Development and Implementation of a Joint Open Data Policy Amongst Cities , Nil Walravens, Vrije Universiteit Brussel, imec-SMIT	How Public Should Public Data Be? Privacy & E- Governance in India , Chintan Vaishnav, Massachusetts Institute of Technology; Karen Solons, Massachusetts Institute of Technology; Nikita Kodali, Massachusetts Institute of Technology	Public Understanding of Algorithms and Trust in Platforms , Grant Blank, University of Oxford - Oxford Internet Institute; Bianca Reisdorf	Interactivity, Awareness, and Adoption: The Impact of Mobile Phones on Agricultural Innovation in Africa , Heather Hudson, University of Alaska Anchorage

Zero-Rating and Net Neutrality in the Mobile Market: The Case of Japan, Toshiya Jitsuzumi, Chuo University

Whispering Into Princes' Ears: An Empirical Analysis of Ex Parte Meetings at the Federal Communications Commission, Adam Candeub, Michigan State University College of Law; Sherrod Blankner, Phlebas Consulting

Reviewing a Historical Internet Vulnerability: Why Isn't BGP More Secure and What Can We Do About it?, Cecilia Testart, Massachusetts Institute of Technology

What Social Media Platforms Can Learn from Audience Measurement: Lessons in the Self-Regulation of 'Black Boxes', Philip M. Napoli, Duke University

Decomposing the ICT Use Gender Gap for Five Latin American Countries Roxana Barrantes, Pontificia Universidad Católica del Perú – PUCP; Aileen Aguero Garcia, Instituto de Estudios Peruanos; Paulo Matos, Instituto de Estudios Peruano

Panel Sessions

	NT07	Y116	NT01
Friday 2:15- 3:45 pm	Mobile Communications, the Internet and the Digital Economy: Comparisons and Lessons from Four Major Developing Countries - China, India, Mexico and Brazil	The State of Children's Media	Algorithmic Bias Detection and Mitigation: Developing Industry Best Practices

Friday	Broadband 4 NT0	Spectrum 2 Y403	Innovation and intellectual Property 1 Y402	Emerging Technologies 2 Nt07	Competition Policy 2 Y116
	Moderator Jason Whalley Northumbria University	Moderator Scott Wallsten, TPI	Moderator J Scott Marcus, Beurgel	Moderator Adam Candeub, Michigan State	Moderator Silvia Elaluf Calderwood, Florida International University
4:10- 5:50	Characterizing and Improving the Reliability of Broadband Internet Access , Zachary Bischof, Northwestern University; Fabian Bustamante, Northwestern University;	Mobile Investment and Traffic per Capita Tend to Increase with License Duration , François Jeanjean, France Telecom - Orange Group; Marc Lebourges, France	Is Faster Better? Quantifying the Relationship between Broadband Speed and Economic Growth , George S. Ford, Phoenix Center for Advanced Legal &	'Am I an Algorithm or a Product?: When Products Liability Should Apply to Algorithmic Decision-makers , Karni Chagal, University of Haifa, Faculty of Law	Bit-by-Bit Towards Unlimited: An Analysis of Zero Rating and Sponsored Data Practices of Internet Service Providers , Daniel Schnurr, University of Passau; Lukas Wiewiorra,

Nick Feamster, Princeton University

Wireless Network Recovery following Natural Disaster: Puerto Rico after Hurricane Maria, , Carleen Maitland, Pennsylvania State University; Jon M. Peha, Carnegie Mellon University

The Policy Potential of Measurements of Internet Outages, John, Heidemann, USC; Yuri Pradkin, USC; Guillermo Baltra, USC

Telecom; Julianne Liang, France Telecom

Modelling the Impact of Spectrum Sharing on Spectrum Value: The US Citizen Broadband Radio Service Ecosystem, Fernando Betrán, University of Auckland

Spectrum Valuation: Implications for Sharing and Secondary Markets, Marcela Gomez, University of Pittsburgh; Martin B. H. Weiss, University of Pittsburgh; William Lehr, Massachusetts Institute of Technology; Giulia McHenry, National Telecommunications and Information Administration

Economic Public Policy Studies

Technology Change and Its Impact on Labor Markets: A Historical Perspective, Martha Garcia-Murillo, Syracuse University - School of Information Studies; Ian MacInnes, Syracuse University

The Importance of Broadband and Other Infrastructure for Entrepreneurship James Prieger, Pepperdine University

Can a Machine Learn Under the GDPR?, Joel Thayer, ACT; Bijan Madhani, CCIA

Mobile Privacy and Business-to-Platform Dependencies: An Analysis of SEC Disclosures, Ronan Fathaigh, University of Amsterdam - Institute for Information Law; Joris van Hoboken, University of Amsterdam - Institute for Information Law (IViR); N.A.N.M. van Eijk, Institute for Information Law (IViR)

Goethe University Frankfurt

Content and Access Provision in a Discrete Competition Model, Petrus H Potgieter, University of South Africa; Bronwyn E. Howell, Victoria University of Wellington

Two-Sided Internet Markets and the Need to Assess Both Upstream and Downstream Impacts, Rob Frieden, Pennsylvania State University

Poster Session Friday, September 21, 5:45 – 6:45 pm

A Proposal for a Languid Transition to Unlicensed Allocation of Spectrum: The Presumption of Unlicensed, Kenneth R. Carter, Columbia Institute for Telecommunication

Comparative Study of the Development of Ott-V Markets between the Us and Japan, Yoko Nishioka

Demand Side Subsidies and Universal Access to Basic Communication Services: Lessons from Lifeline in Puerto Rico's Economic Recovery, Carmen Scurato; Reza Rajabiun

Factors Affecting IPv6 Deployment, Brenden Kuerbis, Georgia Institute of Technology - School of Public Policy

Improving Spectrum Enforcement Through Enhanced Identification, Rohit Singh, Carnegie Mellon University, Department Engineering and Public Policy; Douglas Sicker, Carnegie Mellon University

Network Effects in Mobile Telecommunications Markets: A Comparative Analysis of Consumers Preferences in Latin America, Roxana Barrantes, Pontificia Universidad Católica del Perú – PUCP; Aileen Agüero García, Instituto de Estudios Peruanos – IEP; Diego Aguilar Lluncor, Instituto de Estudios Peruanos - IEP

Predictability of Online Search Attention in HIV/AIDS Diffusion Among U.S. Cities: Health Disparities, Big Data, and Policy Implications, Yong Jin Park, Howard University

Spatial Patterns and Socioeconomic Influences on m-Commerce and m-Entertainment Usage in U.S. Counties, Avijit Sarkar, University of Redlands - School of Business; James B. Pick, University of Redlands

Spectrum Sharing Measurements in 7 and 13 GHz Bands, Nadia Yoza-Mitsuishi University of Colorado at Boulder, Interdisciplinary Telecommunications Program, Ken Baker, University of Colorado at Boulder

Trust and Confidence in a Secure Internet: A Public Good, Prabir K. Neogi, Carleton University - Canada-India Centre of Excellence in Science, Technology, Trade and Policy; Arthur Cordell, Carleton University; Donald MacLean

Understanding Digital Inclusion in Classrooms of Bangladesh: What Works, What Doesn't Work, and What Can We Learn from the Users? Moinul Zaber, University of Dhaka; Ali Aman, University of Dhaka; Sayed Md Abu, University of Dhaka; Ahmed Bulbul, University of Dhaka

The Economic Importance of Unlicensed Spectrum in the Case of 5.9 Ghz, Diana Carew, RAND

Paper Sessions Saturday, September 22

Saturday	Broadband 5 NT08	Spectrum 3 Y403	Privacy/Security 3 Y402	Internet Governance Nt07	User/Consumer Behavior 3 Y116
	<i>Moderator</i> John Horrigan Technology Policy Institute	<i>Moderator</i> Jon Peha, Carnegie Mellon University	<i>Moderator</i> Hannah Quay-de la Vallee CDT	<i>Moderator</i> Milton Mueller, Georgia Tech	<i>Moderator</i> Jonathan Levy, FCC
9:00-10:40	An Evaluation of the Connected Nation Broadband Adoption Program , Jacob Manlove, Oklahoma State University - Stillwater <i>Student Paper winner</i>	Agent-Based Modeling Approach for Developing Enforcement Mechanisms in Spectrum Sharing Scenarios: An Application for the 1695-1710mhz Band , Pedro Bustamante, University of Pittsburgh; Marcela, Gomez, University of Pittsburgh; Martin B. H. Weiss, University of Pittsburgh; Debarun Das	Awakening Global Governments: An International Survey of Internet of Things Regulation , Mark Walker, CableLabs; Kelton Shockey; Andrew Neiman; Ashtyn Stephan	Hiding in the Open (Part II): How Tech Network Policies Can Inform 'Openness by Design' (and vice versa) , Richard S. Whitt, Netsedge	Understanding the Gender Digital Divide: Social Norms and the USAID WomenConnect Challenge , Thomas Koutsky, USAID Global Development Lab; Revi Sterling, USAID
	Is the 2014 E-Rate Reform a Game Changer? An Empirical Analysis of	On the Application of Blockchain to Spectrum	Towards a Smart Policy Framework for Fostering IoT Innovation and	The Legal Roots and Moral Core of Digital Consent Meg Leta	Urban Poverty and the Internet: Libraries, Information Needs,

Pennsylvania Data, Jenna Grzeslo, Pennsylvania State University; Yang Bai, Pennsylvania State University; Min Bumgi, Pennsylvania State University; Krishna Jayakar, Pennsylvania State University

Management, Kevin D. Werbach, University of Pennsylvania, The Wharton School; Martin B. H. Weiss, University of Pittsburgh; Douglas Sicker, Carnegie Mellon University; Carlos Caicedo, Syracuse University

Adoption: Analysis of Field Interviews and Public Comments, Gwanhoo Lee, American University

Jones, Georgetown University; Elizabeth Edenberg, Georgetown University

Technology and Local Policy, Sharon Strover, University of Texas at Austin

Who Gets Broadband When? A Panel Data Analysis of Demographic, Economic and Technological Factors Explaining U.S. Broadband Deployment, Henning Schulzrinne, Columbia University; Vamsi Gadiraju, Columbia University; Panat Anthony, Columbia University; Sam Kececi, Columbia University

Techno-Economics of Licensed Shared Access with Mobile Network Operators Leasing Spectrum to PMSE Users, Andra Voicu, RWTH Aachen University - Institute for Networked Systems; Shaham Shabani, RWTH Aachen University; Douros Vaggelis, RWTH Aachen University; Ljiljana Simic, RWTH Aachen University; Petri Mähönen, RWTH Aachen University

Regulating the IoT: Discrimination, Privacy, and Cybersecurity in the Artificial Intelligence Age, Charlotte Tschider, Mitchell Hamline School of Law

Whither the Public Internet?, William Lehr, Massachusetts Institute of Technology (MIT) - Computer Science and Artificial Intelligence Laboratory (CSAIL); David D. Clark, MIT CSAIL; Steven Bauer, Massachusetts Institute of Technology (MIT) - Laboratory for Computer Science (LCS); Arthur Berger, Massachusetts Institute of Technology (MIT)

Take Home Technology: Bridging the Homework Gap for American Children, Alexis Schrubbe, University of Texas at Austin

Saturday	Broadband 6 NT08	Spectrum 4 Y403	Innovation and Intellectual Property 2 Y402	Competition Policy 3 NT07	User/Consumer Behavior 3 Y116
	<i>Moderator</i>	<i>Moderator</i> Tom Hazlett, Clemson University	<i>Moderator</i> Geoff Why, Verrill Dana	<i>Moderator</i> Randolph May Free State Foundation	<i>Moderator</i> Mark Walker, CableLabs
11:05-12:45	A Cellular Network Radio Access Performance Measurement System: Results from a Ugandan Refugee Settlements Field Trial , Carleen Maitland, Pennsylvania State University; Rich Caneba, Pennsylvania State University; Paul, Schmitt, Princeton University;	Analyzing Economies of Scale from Targeted Advertisements in Next-Generation TV , Aman Tyagi, Carnegie Mellon University; Jon M. Peha, Carnegie Mellon University	How is India Innovating Technologically and What is the Reliance on the Patent System? , Ashish Bharadwaj, Jindal Global Law School	Economic Competitiveness and National Security Dynamics in the Race for 5G between the United States and China , Doug Brake, ITIF	Addressing the Right to Communicate as a Capability , Amit M. Schejter, Ben-Gurion University of the Negev

Thomas Koutsky, USAID
Global Development Lab

Internet Node as a Network of Relationships: Sociotechnical Aspects of an Internet Exchange Point, Fernanda Rosa, American University

Economic Critiques of National and International Ngso Spectrum Regulations Concerning the Ku-And Ka-Bands, David Reed, University of Colorado at Boulder; Waleed Almarshedi, University of Colorado at Boulder

Telemarketing, Technology, and the Regulation of Private Speech, Justin (Gus), Hurwitz, University of Nebraska at Lincoln – College of Law

Is it “Trade?” Data Flows and the Digital Economy, Milton Mueller, Georgia Institute of Technology; Karl Grindall, Georgia Institute of Technology

More Movies, More Messages, More Bandwidth? How OTT Usage Intensity Drives IAS Upgrades in Germany, Rene Arnold, WIK-Consulting, Serpil Tas, Wissenschaftliches Institut für Infrastruktur und Kommunikationsdienste

Can Competition-Enhancing Regulation Bridge the Quality Divide in Internet Provision?, Lourdes Montenegro, National University of Singapore

The 2016 FCC Broadcast Incentive Auction, Michelle P. Connolly, Duke University; Elizabeth Lim, Duke University, Frances Mitchell, Duke University; Akshaya Trivedi, Duke University

We Care About Different Things: Non-Elite Concept-ualizations of Social Media Privacy, Kelly Quinn, University of Illinois at Chicago; Dmitry Epstein, The Hebrew University

Saturday		Panel Sessions	
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	NT07	NT08	Y116
2:00 - 3:30	Internet Governance Policy Research Impacts: Mapping, Methods, & Messages	What Can Regulation Learn from Antitrust? And Vice Versa?	Innovative Approaches to Connecting the Unconnected

Saturday	Broadband 7 NT08	Broadband 8 Y403	Privacy/Security 4 Y402	Emerging Technologies 3 NT07	User/Consumer Behavior 4 Y116
	Moderator Carolyn Gideon Tufts University	Moderator Jason Weil, Samknows	Moderator Ross Schulman, New America	Moderator Roslyn Layton, Aalborg University	Moderator Giulia McHenry, NTIA
4:00-5:40	Federalism, Preemption, and the Future of State Regulation of Internet Protocol-based	Detecting Internet Congestion at Interconnection Points: An Empirical	From Lofty Guarantees to Basic Protections: Bench-marking Privacy and Data Protection	What Insights Can the Network Neutrality Debate Contribute to the Competition Regulation	Fiber to the Countryside: A Comparison of Public and Community

Services, Michael A. Janson, Federal Communications Commission

Analysis David D. Clark, MIT CSAIL; Amogh D. Dhamdhere, CAIDA/UC; KC Claffy, University of California, San Diego (UCSD), Matthew Luckie, CAIDA

Standards in Chinese Government Programs, Huiping Zhang; Krishna Jayakar, Pennsylvania State University; Tang Zhiwei

of Platforms More Broadly?, Ryland Sherman

Initiatives in the UK, Paolo Gerli, University of Northumbria at Newcastle; Jason Whalley, University of Northumbria at Newcastle

Incentivizing Investment in the Internet Ecosystem and Net Neutrality Regulation: Taking it to the Edge, David Gabel, Queens College; Joan Nix, Queens College

Enhancing Transparency: Internet Video Quality Inference from Network Traffic, Paul Schmitt, Princeton University; Tithi Chattopadhyay, Princeton University; Nick Feamster, Princeton University

Standing on the Shoulders of Web Giants: The Economic Effects of Personal Data Markets, Bastian Haberer, University of Passau; Daniel Schnurr, University of Passau

Homophily In Social Media: Analyzing People-to-People Connectivity Between Nations Through Facebook Data Yudhanjaya Wijeratne, LirneAsia

Is Broadband Speed a Barrier to Internet Use in Rural Communities? An Assessment of Mobile Infrastructure and Internet Use Habits in Urban and Rural Nigeria Erezi Ogbo, Carnegie Mellon University; Tim Brown, Carnegie Mellon University; Douglas Sicker, Carnegie Mellon University

When Best Effort is Not Good Enough: Incomplete Contracting, Risk Allocation, and Demand for Consumer Protection in the Market for Broadband Access Services, Reza Rajabian, Ryerson University; Carmen Scurato, National Hispanic Media Coalition

Measuring Mobile Broadband Performance, Steven Bauer, Massachusetts Institute of Technology; William Lehr, Massachusetts Institute of Technology CSAIL

Riding with Rawls: The Ethical Policy-Making Framework that Helps the Law Catch Up with Technology, Makes Social Media Fair and Balances National Security with Privacy, Morten Bay, UCLA Dept. of Information Studies

Urban Myths of the Digital Divide: An Exploration of Connectivity, Breadth of Use, and Interest Across Detroit Neighborhoods, Laleah Fernandez, Michigan State University - Quello Center; William H. Dutton, Michigan State University - Quello Center; Keith Hampton, Michigan State University - Quello Center; Bianca Reisdorf, Michigan State University - Quello Center

Friday Panel Sessions, 2:15 pm

Mobile Communications, the Internet and the Digital Economy: Comparisons and Lessons from Four Major Developing Countries - China, India, Mexico and Brazil This panel will focus on the impact of the widespread penetration and use of intelligent mobile devices in major developing countries, specifically China, India, Mexico and Brazil.

Moderator: Prabir Neogi, Carleton University

Panelists:

Erik Bohlin, Chalmers University of Technology, Sweden
Rekha Jain, Indian Institute of Management, Ahmadabad
Krishna Jayakar, Co-Director, Institute for Information Policy
Donald P. Bellisario, Pennsylvania State University
Judith Mariscal Aviles, Centro de Investigacion y Docencia Economica
Roxana Barrantes Caceres, Pontificia Universidad Católica del Perú – PUCP

The State of Children's Media The objective of this panel is to examine trends in children's media and to identify regulatory or other means of nurturing and protecting children.

Moderator: Cecilia Kang, New York Times

Panelists:

Angela Campbell, Georgetown University Law School
Elizabeth Handsley, Flinders University in Australia
Susan Linn, Boston Children's Hospital
Victoria Phillips, American University Washington College of Law

Algorithmic Bias Detection and Mitigation: Developing Industry Best Practices This panel will present the findings from a multidisciplinary research project, that includes industry and academic experts, to explore algorithmic fairness and accountability. Relying upon data collected from structured focus groups with policymakers and data scientists, the research compiles best practices, including scientific procedures, that sufficiently identify bias at the onset, and apply appropriate mitigation strategies.

Moderator: Chandra Marlow, Fellow, Future of Privacy Forum

Panelists:

Genie Barton, Privacy Genie
Dr. Paul Resnick, University of Michigan
William Rinehart, Director of Technology and Innovation Policy, American Action Forum
Dr. Nicol Turner Lee, Center for Technology Innovation, Brookings Institution

Saturday Panel Sessions, 2:00 pm

Internet Governance Policy Research Impacts: Mapping, Methods, & Messages The ultimate aim of this panel is to help shape future research agendas/research approaches to craft both methods and messages that can be of use to researchers and policy makers globally and locally. It should serve as a catalyst for the TPRC participants (whether researchers or policy makers or practitioners) to take away strengths and weaknesses of multi-disciplinary and collaborative research approaches in terms of possible impacts on policy and practice and to identify novel research approaches that can incorporate policy makers, practitioners, and researchers to strengthen policy impacts especially in controversial internet governance arenas.

Moderator: Nanette S. Levinson, American University

Panelists:

Derrick L. Cogburn*, American University
Jennifer Daskal., American University Washington College of Law
Laura Denardis*, American University
Jonah Force Hill, US Department of Commerce/NTIA
Francesca Musiani, Institute for Communication Sciences, CNRS, France & Editor, Internet Policy

Innovative Approaches to Connecting the Unconnected This panel will assess the state of the empirical literature, discuss various innovative demand- and supply-side strategies to connect unconnected communities, and present preliminary findings of ongoing efforts to assess different approaches to promoting connectivity.

Moderator: Sharada Srinivasan, University of Pennsylvania Law School

Panelists:

- Bronwyn Howell, Victoria University of Wellington
- Rekha Jain, Indian Institute of Management, Ahmedabad
- Samia Melham, World Bank
- Revi Sterling, USAID
- Christopher Yoo, University of Pennsylvania
- Erin Troland

What Can Regulation Learn from Antitrust? And Vice Versa? The purpose of this panel is to look more broadly at the lessons from the history of both antitrust action and telecommunications regulation to ask not whether one is better than the other but, rather, what each can learn from the other.

Moderator- Jamillia Ferris, former chief of staff to the Antitrust Division, who managed the FCC staff review of the AT&T/ DirecTV merger

Panelists:

Jonathan Baker, antitrust economist and former Director of the FTC's Bureau of Economics and Chief Economist of the FCC, American University Washington College of Law
William Kovacic, former Chairman, FTC
Roslyn Layton, regulatory economist and expert in telecommunications at the American Enterprise Institute
Jonathan Sallet, former FCC general counsel and former deputy assistant attorney general in the antitrust division
Howard Shelanski, former head of OMB's OIRA, Director of the FTC's Bureau of Economics, and Chief Economist at the FCC