MOOCs and Online Learning: Digital Disruption in Action?

Massive Open Online Courses (MOOCs) epitomize the fundamental changes impelled by innovations in communications and technology. Already, millions of students are taking free online courses, and most of the world’s top universities have joined MOOC initiatives. Some predict MOOCs will completely disrupt universities in the next few years. Despite all this, there is great confusion about what MOOCs are, how they relate to earlier forms of online learning, and their implications. This roundtable will highlight the unique elements of MOOCs; their likely effects; and the important legal and policy questions they raise. The panel will provide an opportunity for the TPRC community to gain a better understanding of the budding revolution in online higher education, and make connections to potential research opportunities in the communications and America information policy fields.

Moderator: Kevin Carey, New America Foundation
Panelists:
- Helen Nissenbaum, New York University
- Michael Steffen, FCC
- Alex Tabarrok, George Mason University
- Siva Vaidhyanathan, University of Virginia
- Kevin Werbach, Wharton School, University of Pennsylvania

Impact on Broadband Adoption: Evidence and New Research Directions from Latin America

A recent debate has emerged about the contribution of broadband and related technologies to achieving development goals. The relevance of this debate is amplified by the ambitious national broadband plans set forth by governments around the world, which involve large public investments in broadband infrastructure, applications and services, as well as training.

This panel presents the results of four impact evaluation studies regarding the effect of broadband investments and adoption on key development outcomes. This panel will also present the results of five studies that measured the development impact of broadband.

Moderator: Carolyn Gideon, Tufts University
Panelists:
- Barbara Cherry, Indiana University
- Sharon Gillett, Microsoft
- Christiaan Hogendorn, Wesleyan University
- Mark Jamison, University of Florida
- Hal Singer, Navigant Economics
- Christopher Yoo, University of Pennsylvania Law School
5:30 pm Reception and Poster Session

Posters session includes:
- The Broadband Business Nexus - Tony Grubesic (Drexel University); Elizabeth Mack (Arizona State University); Bert Sadowski (Eindhoven University of Technology); Jason Whalley (University of Strathclyde, Glasgow)
- Factors Affecting Application Developers? Loyalty to Mobile Platforms: Business Implications and Regulatory Concerns - Min Ho Ryu (Michigan State University); Jungwhan Kim (Korea University); Seongcheol Kim (Korea University)
- Privacy and Personal Data Protection in Cyberspace: The Brazilian Case - Vinicius Borges Fortes
- Free Wi-Fi Networks: A Comparative Study of the Impact of Policy and Public-Private Collaboration on Wireless Broadband in the United States, South Korea, and Finland – Ju Young Lee (Pennsylvania State University); Krishna Jayakar (Pennsylvania State University)
- Young People and Mobile Phone Privacy in Canada: Applying a Model of Digital Policy Literacy - Leslie Regan Shade, University of Toronto; Tamara Shepherd, Ryerson University
- A Meta-Analysis of Second-Order Digital Divide Effects - Rodney Carveth
- Do Local Public Broadcasters Serve the Local Communities?: A Comparative Study of Local Public Broadcasters in Social Network Platform - Sangyong Han, (Pennsylvania State University)
- The Impact of Internet & Telecommunications Technologies or Media and Communications Sectors in Egypt – Wail Barry

6:45 pm Dinner

7:15 pm Keynote Speaker
- Preston Padden, Executive Director, Expanding Opportunities For Broadcasters Coalition

Saturday, September 28

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
2:00 pm Paper Sessions outlined in grid
3:40 pm Coffee Break
4:10 pm Paper Sessions outlined in grid
6:00 pm Reception
7:00 pm Dinner and Keynote Panel

On Free Speech in an Electronic Age: Evaluating Ithiel de Sola Pool's "Technologies of Freedom" after 30 Years

This year marks the 30th anniversary of the publication of Ithiel de Sola Pool's final and seminal book, "Technologies of Freedom." It's opening words, as current today as then, are "Civil liberty functions today in a changing technological context."

Pool was forward thinking in his capacity for understanding how the forces and trends in information technologies evident in the early 1980s might play themselves out over the decades. To commemorate Pool's work and to introduce it to those who may have missed it, we will dedicate this session to an informal discussion with outstanding scholars who worked with Pool or who have been influenced by his work. They will discuss the book's admonition that "the norms that govern information and communication will be even more crucial than in the past."

Moderator: Ben Compaine
Discussants:
- Eli Noam, Columbia University
- W. Russell Neuman, University of Michigan
- Adam Thierer, George Mason University
- Sharon Gillett, Microsoft

Sunday, September 29

8:00 am 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 Conference Adjourned

Conference Information
The 41st Annual Telecommunications Policy Research Conference will be held at George Mason University School of Law in Arlington, VA. Situated in the Washington, DC area, the School of Law 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
Rooms have been reserved at the L. William Seidman Center Hotel at 3451 N. Fairfax Ave., Arlington, adjacent to the GMU School of Law. 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. Please call the hotel directly to reserve a room, 703 516-4630.

Alternate hotels are available 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 TPR Conference.

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

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<th>Before Aug. 31</th>
<th>After Aug. 31</th>
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<tbody>
<tr>
<td>Student</td>
<td>$100</td>
</tr>
<tr>
<td>Authors/Co-Authors</td>
<td>$160</td>
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<tr>
<td>Academic, Gov't, Non-Profit</td>
<td>$375</td>
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<tr>
<td>Industry</td>
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Registration fees cover all conference sessions, conference materials, continental breakfast and coffee breaks. An additional $100 will be charged for on-site registration.

Meal package Lunch and dinners: $110

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**Watch our web site**

[www.tprc.org](http://www.tprc.org) **for program updates and additions**

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- New America Foundation
- The Free State Foundation
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- University of Colorado – Interdisciplinary Telecommunications Program
- International Journal of Communication, USC Annenberg School for Communication and Journalism
- Cardozo Law School Intellectual Property and Information Law Program

For additional information on sponsorship opportunities, contact Syd Verinder at [info@tprc.org](mailto:info@tprc.org).

### TPRC41 Program Committee

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- Jonathan Levy, FCC
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- Babette Boliek, Pepperdine University
- Alissa Cooper, Oxford University
- Hernan Galperin, Universidad de San Andrés
- Allison Gillwald, University of Cape Town
- Karen Mossberger, University of Illinois
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TPRC41 September 27-29
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<tr>
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<th>Spectrum &amp; Mobile Applications 1</th>
<th>Competition &amp; Innovation 1</th>
<th>Governance 1</th>
<th>Media, IP, Privacy &amp; Security 1</th>
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</thead>
<tbody>
<tr>
<td>9:00-10:40</td>
<td>The Impact of Broadband Speed on the Household Income: Comparing OECD and Brics - Ibrahim Rohman, Chalmers University of Technology; Erik Bohlin*, Chalmers University of Technology</td>
<td>Enforcement and Spectrum Sharing: Case Studies of Federal-Commercial Sharing - Mohammed Altamimi*, University of Pittsburgh; Martin Weiss, University of Pittsburgh; Mark McHenry, Shared Spectrum Co.</td>
<td>Spectrum Floors in the UK 4G Auction: An Innovation in Regulatory Design - Geoffrey Myers*, LSE</td>
<td>Broadband Internet in the Chinese Crisis Economy - Yu Hong*, University of Southern California</td>
<td>Mobile Privacy Expectations in Context - Katie Shilton*, University of Maryland, College Park; Kirsten Martin, George Washington University School of Business</td>
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<td></td>
<td>Broadband and Unemployment: Analysis of Cross-Sectional Data for U.S. Counties - Krishna Jayakar, Pennsylvania State University; Eun-A Park*, University of New Haven</td>
<td>Implications of Recent Spectrum Sharing Efforts within the U.S. - Greg Leon*, University of Colorado at Boulder; Douglas Sicker, University of Colorado at Boulder</td>
<td>Celluar Competition and the Weighted Spectrum Screen - Jon Peña*, Carnegie Mellon University</td>
<td>Implementing an Open Internet: Republic of Korea and U.S. Perspectives and Motivations – Douglas Sicker*, University of Colorado at Boulder; Booyeon Kim, National Assembly of the Republic of Korea</td>
<td>It's the Definition, Stupid! Framing of Online Privacy in the Internet Governance Forum Debates - Dmitry Epstein*, Cornell Law School; Merrill Roth, Cornell University; Eric Baumer, Cornell University</td>
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<th>Time</th>
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<td></td>
<td>How Do ISP Data Caps Affect Subscribers? - Wei Dai, University of California, Irvine; Scott Jordan*, University of California, Irvine</td>
<td>The Experts in the Crowd: The Role of Reputable Investors in a Crowdfunding Market - Keongtae Kim*, Univ. of Maryland; Siva Viswanathan, Univ. of Maryland</td>
<td>The Rise of Quasi-Common Carriers and Conduit Convergence - Rob Frieden*, Pennsylvania State University</td>
<td>The Right to Be Forgotten and Speaking of Forgetting: Analysis of Possible Non-EU Responses to the Right to Be Forgotten and Speech Exception - Meg Leta Ambrose*, Georgetown University</td>
<td>Speaking of Forgetting: Analysis of Possible Non-EU Responses to the Right to Be Forgotten and Speech Exception - Meg Leta Ambrose*, Georgetown University</td>
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<td>Saturday 2:00-3:40</td>
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<td>Governance 3</td>
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<td>Broadband's Contribution to Economic Health in Rural Areas: A Causal Analysis - Brian Whitacre*, Oklahoma State University; Roberto Gallardo, Mississippi State University; Sharon Strover, University of Texas at Austin</td>
<td>What About Wireless? An Investigation of Mobile Broadband in Fibre to the Home Environments - Catherine Middleton*, Ryerson University</td>
<td>More than Tools: ICTs Influencing Social Movement’s Opportunity Structures - Fatima Espinoza-Vasquez*, Syracuse University</td>
<td>Peer-to-Peer File Sharing and Cultural Trade Protectionism - Andres Hervas-Dranes*, Universitat Pompeu Fabra; Eli Noam, Columbia Business School</td>
<td>Trade Dress 2.0: Trademark Protects in Web Design What Copyright Does Not - Gregory Melus*, American University; 1st Place Student Paper Winner</td>
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<th>Saturday 4:10-5:50</th>
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<th>Governance 4</th>
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<tr>
<td>Framing the Value of Internet Exchange Participation - Jesse Sowell*, Massachusetts Institute of Technology</td>
<td>Can Unlicensed Bands Be Used by Unlicensed Users? - Liu Cui*, University of Pittsburgh; Martin Weiss, University of Pittsburgh</td>
<td>Wi-Fi as a Commercial Service: New Technology and Policy Implications - David Reed*, University of Colorado Boulder; Jim Lansford, University of Colorado Boulder</td>
<td>Competition Versus Regulation in the Post-Sunset PSTN - Richard Taylor*, Pennsylvania State University</td>
<td>Search Engines After ‘Google Spain’: Internet @Liberty or Privacy @Peri - Jef Ausloos*, KU Leuven; Brendan Van Alsenoy, KU Leuven; Aleksandra Kuczera, KU Leuven</td>
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### Paper Sessions Sunday, September 29

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**Sunday 11:10-12:50**

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<th>Title</th>
<th>Authors</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Drivers and Barriers to the Uptake of a FTTH Ultra-Fast Broadband in New Zealand</td>
<td>Farhaan Mirza, University of Auckland; Fernando Beltrán*, University of Auckland</td>
<td>School of Economics &amp; Political Science</td>
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<td>How Competition Drives Discrimination: An Analysis of Broadband Traffic Management in the UK</td>
<td>Alissa Cooper*, Oxford University</td>
<td>University</td>
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<tr>
<td>Telecom License Fees &amp; Risks in Sub-Saharan Africa: Towards Better Licensing Policies</td>
<td>Aude Schoentgen*, Telecom ParisTech</td>
<td>Gjermund Hartviksen; Carsten Sorensen, London School of Economics &amp; Political Science</td>
</tr>
<tr>
<td>Spam and Botnet Reputation Randomized Control Trials and Policy</td>
<td>John Quarterman*, Quartenman Creations; Leigh Linden, University of Texas at Austin; Qian Tang, University of Texas at Austin; Andrew Whinston, University of Texas at Austin; Gene Moo Lee, University of Texas at Austin</td>
<td>University</td>
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