

TPRC Paper Sessions Saturday, September 29

	CONVERGING NETWORKS: REGULATION AND COMPETITION	NETWORK EXPANSION AND BROADBAND DEPLOYMENT	SPECTRUM POLICY AND WIRELESS TECHNOLOGIES AND UNIVERSALITY	INTERNET POLICY: PRIVACY, SECURITY, TRUST AND CONFIDENCE	MEDIA CONTENT AND INTELLECTUAL PROPERTY RIGHTS
8:30 – 10:10	NET NEUTRALITY I <ul style="list-style-type: none"> “Net Neutrality,” Non-Discrimination and Digital Distribution of Content Through the Internet -- <i>Economides, N</i> Network Neutrality versus Network Diversity and Broadband Deployment in OECD Countries -- <i>Miralles, F</i> Net Neutrality: Scoping and Economic Analysis of the European Debate -- <i>Marsden, C</i> The Never-Was-Neutral Net and Why Informed End Users Can End the Net Neutrality Debates -- <i>Hass, D</i> 	Panel: RETHINKING SOFTWARE PATENTS	EMERGING SPECTRUM MANAGEMENT REGIMES <ul style="list-style-type: none"> A Framework for Determining the Optimal Mix of Spectrum Management Regimes -- <i>Kwon, Y; Bauer, J; Wildman, S</i> Taking up Coase's Challenge 50 years on Using Spectrum Markets to Deliver Value to Society -- <i>Stuttard, B; Myers, G</i> U.S. and Japanese Approaches to SDR and Cognitive Radio: Legal and Cultural Factors Expressed in Certification and Technical Rules -- <i>Miller, J</i> Bad Neighborhoods of the Electromagnetic Spectrum: A Method for Predicting the Deployment of Unlicensed Devices -- <i>Sandvig, C</i> 	SECURITY AND SAFETY OF NETWORKS <ul style="list-style-type: none"> Policy-Based Spectrum Access Control and Management for Multi-Band Cognitive Radio Systems for Public Safety Communications -- <i>Tenhula, P; Perich, F; McHenry, M</i> Beyond Stove-Pipes: Examining How Smart Radio Capabilities Could Help Next Generation Public Safety Systems Follow the Lead of the Alaska Land Mobile Radio System -- <i>Bernthal, B</i> Balancing Network Security Duties against Constraints on Electronic Surveillance Techniques of Network Management -- <i>Bagby, J</i> Web 2.0 as an Association Medium -- <i>Ammori, M</i> 	NEW MEDIA SERVICES AND POLICY <ul style="list-style-type: none"> When is Local Local?: Media Ownership, Localism & the FCC -- <i>Yanich, D</i> Why New Media Services are Different -- <i>Wildman, S</i> The 3D Internet and Its Policy Implications -- <i>Nelson, M; Francis, C</i> Enforcement and Control of Piracy, Copying and Sharing in the Motion Picture Industry -- <i>Waterman, D</i>
10:40 – 12:20	NET NEUTRALITY II <ul style="list-style-type: none"> Net Neutrality through Open Interfaces -- <i>Jordan, S</i> Sustainable Commons Production and the Virtues of Moderation -- <i>Grimmelmann, J</i> Getting What You Pay For: Analyzing the Net Neutrality Debate -- <i>Hauge, J</i> The Centripetal Network -- <i>Werbach, K</i> 	CITY NETWORKS <ul style="list-style-type: none"> A Framework for Investigating the Value of Public Wireless Networks -- <i>Middleton, C</i> Can a City Manage Broadband Infrastructure? An Organizational Learning Perspective -- <i>Techatassanasoontorn, A; Tapia, A</i> Policy and Plan Convergence for Municipal Broadband Networks -- <i>Tapia, A</i> Wireless City Networks. A comparative analysis of US-EU initiatives on goals, motivations, services and their relation to network structure. -- <i>Van Audenhove, L; Staelens, T; Ballon, P</i> 	REGULATION AND DEPLOYMENT OF WIRELESS NETWORKS <ul style="list-style-type: none"> A Theory of Network Build-Out: The Case of Mobile Telephony - <i>Candeub, A</i> Economic Effects of Indirect Access Regime in the Mobile Telecommunication Market -- <i>Kim, B</i> Regulating Emerging Wireless Technologies: a cross-country typology -- <i>Laperrouza, M; Liebenau, J</i> Countervailing Buyer Power and Mobile Termination -- <i>Rohlfjs, J</i> 	PROTECTING OUR NETWORKS <ul style="list-style-type: none"> Network Security and the Need to Consider Provider Coordination in Network Access Policy -- <i>Burstein, A</i> Proof of Work {cannot, can, does currently} Work -- <i>Camp, J; Liu, D</i> The Economics of Malware -- <i>Eeten, M</i> The Computer Misuse Act 1990 and Denial of Service Attacks: The Risk Society, Reflexivity and the Tragedy of the Security Commons - <i>Savirimuthu, J</i> 	COMPETITION OF TRADITIONAL AND EMERGING INTERNET VIDEO OUTLETS <ul style="list-style-type: none"> The Negative Effect of Concentration and Vertical Integration on Diversity and Quality in the Video Entertainment Product Space -- <i>Cooper, M</i> The Impact on Broadband Access to the Internet of the Dual Ownership of Telephone and Cable Networks -- <i>Pereira, P</i> Cream Skimming -- <i>Bazon, C</i> New Media and Localism: Are Local Cable Channels and Locally Focused Websites Significant New and Diverse Sources of Local News and Information? An Empirical Analysis -- <i>Lynn, A; Turner, S; Cooper, M</i>
2:00 – 3:40	VOIP ADOPTION AND REGULATION <ul style="list-style-type: none"> The Triumphant Consumer? VOIP, "Little Smart" and Telecom Service Reform in China -- <i>Wu, I</i> VoIP Regulation in Latin America -- <i>Villegas, A; Rendon, J; Garcia-Murillo, M; Kuhlmann, F</i> VoIP Adoption among Consumers in France: an Econometric Analysis -- <i>Cecere, G</i> Mandating Access to Telecom and the Internet: The Hidden Side of Trinko -- <i>Yoo, C</i> 	BROADBAND CATCH UP <ul style="list-style-type: none"> Examining Broadband Adoption Factors: An Empirical Analysis between Countries -- <i>Lee, S., Brown, J.</i> Sector Regulation and Investment Incentives for Broadband Communication Networks -- <i>Gruber, H</i> Catching-up in Broadband - What Will it Take? -- <i>de Ridder, J</i> Fast is Not Fast Enough. The Spatiality of UK Broadband Services Reassessed -- <i>Mueller, K</i> 	PROMOTING UNIVERSAL CONNECTIVITY <ul style="list-style-type: none"> The Promise of Connected Communities-The Indian Story -- <i>Kakroo, U</i> India's Universal Service Obligation for Rural Telecommunications: Issues of Design and Implementation -- <i>Malik, P</i> Regulatory Incentive and Regulatory Governance: An Institutional Perspective on USO Regime in China -- <i>Xia, J</i> Broadband Penetration, Competition in Telecommunication Markets and the European Union: Lessons to be Learned for Universal Service Reform in the U.S? -- <i>Schejter, A</i> 	IDENTITY AND TRUST <ul style="list-style-type: none"> An Analysis of Identity Theft Safeguards in the U.S. e-Government Systems -- <i>Ryoo, J; Oh, T</i> Trust Management in the Open Computing Environment -- <i>Park, J; Hwang, J; Altmann, J</i> The End-to-end Argument, Trust, and the Design of Internet Applications -- <i>Clark, D; Blumenthal, M</i> Building a Culture of Trust in an Online World: A Citizen-Centric Approach -- <i>Lacohee, H</i> 	IP AND THE CREATIVE COMMONS <ul style="list-style-type: none"> Taking Stock of the Creative Commons Experiment: Monitoring the Use of Creative Commons Licenses and Evaluating Its Implications for the Future of Creative Commons and for Copyright Law -- <i>Cheliotis, G; Guglani, A; Tayi, G, Chik, W.</i> Reviving Fair Pay for Copyright Licensing: The Need to Save and Promote the Arts of Music Sampling, Fan Productions, and Other Digital Appropriations -- <i>Derecho, A</i> Rivalrous Information -- <i>Opderbeck, D</i> The Great Rock 'n' Roll Swindle: The Viability of Live Performance as the Performer's Response to New Communications Technology -- <i>Schultz, M</i>
4:10 – 5:50	RETHINKING REGULATION IN A CONVERGING WORLD <ul style="list-style-type: none"> Converging Media/Diverging Experiences -- <i>Raja, S; Williams, M</i> Neither Fish Nor Fowl: New Strategies for Selective Regulation of Information Services -- <i>Frieden, R.</i> Dynamic Regulation: Conceptual Foundations, Implementation, Effects -- <i>Bauer, J; Bohlin, E.</i> Fixed and Mobile Broadband Deployment: An Empirical Analysis of Adoption Factors -- <i>Lee, S; Marcu, M.</i> 	BROADBAND MEASURES AND ENTRY <ul style="list-style-type: none"> The Urbanism Structure in the Japanese Diffusion of Fixed-Line Broadband Access Services and its Application to the Long-Term Growth Prediction -- <i>Shimogawa, S</i> Reality Check: The Presence and Perceived Importance of Barriers to Entry in the Residential Broadband Market -- <i>Park, E</i> A New Measure of Residential Broadband Availability -- <i>Kolko, J</i> The Estimation of Wireless Households: A Local Perspective -- <i>Rappoport, P</i> 	DIGITAL DIVIDE AT HOME AND ABROAD <ul style="list-style-type: none"> The Future of Universal Service Fund Support for Organizations: Schools, Libraries, and Rural Health Care Providers -- <i>Hudson, H</i> Tongia-Wilson's "Law" of Network Exclusion -- Reframing Exclusion and the Digital Divide -- <i>Tongia, R</i> The Scramble for Africa: Cellular Wireless Networks -- <i>Sutherland, E</i> WiMAX Implementation in Latin America -- <i>Garcia-Murillo, M</i> 	PROTECTING OUR PRIVACY <ul style="list-style-type: none"> Listening in on DC: Soviet Eavesdropping and the Origins of US Privacy Policy -- <i>Laprise, J</i> Good Enough Privacy -- <i>Ohm, P</i> The DNS as a Tool for Identity Policy: WHOIS, ICANN, and Global Internet Governance -- <i>Mueller, M; Chango, M</i> The Broker Who Would Not Bundle -- <i>DeMaagd, K; Lampe, C</i> 	THE INTELLECTUAL PROPERTY DEBATE <ul style="list-style-type: none"> Rationalizing ISP Safe Harbors -- <i>Lemley, M</i> Brand Spillovers -- <i>Goldman, E</i> Bargaining Solutions and Axiomatic Bases for Fair, Reasonable and Non-Discriminatory Determination of Royalties -- <i>Salant, D</i> Exclusive Quality - Why Exclusive Distribution may Benefit the TV-viewers -- <i>Stennek, J</i>

TPRC Paper Sessions Sunday, September 30

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8:30 – 10:10	REGULATING NEXT GENERATION NETWORKS <ul style="list-style-type: none"> ▪ Communications Demand in Next Generation Networks -- <i>Alleman, J</i> ▪ Regulatory Approachs to Next Generation Networks (NGNs): An International Comparison -- <i>Marcus, J; Elixmann, D</i> ▪ On the Regulation of Quality of Service Provisioning for Next Generation Networks in Spain and the European Union -- <i>Rendon, J; Zuidweg, J</i> ▪ Next Generation of Information Infrastructure: A comparative case study of Korea vs. the U.S. -- <i>Shin, D</i> 	BROADBAND ACCESS <ul style="list-style-type: none"> ▪ The Economics of Next Generation Access Networks and Regulatory Governance in Europe: One size Does not Fit All -- <i>Pupillo, L; Amendola, G</i> ▪ Economic Impact of Broadband Infrastructure Investment in Kentucky -- <i>Badasyan, N; Shideler, D</i> ▪ Encouraging Broadband Internet Access in the TV White Space: The Licensed Option -- <i>Jackson, C; Robyn, D.</i> ▪ Consumer Sovereignty: Redrawing the Boundaries between Industry-Specific and General Business Legal Regimes for Telecommunications and Broadband Access Services -- <i>Cherry, B</i> 	WIFI AND WIMAX AS BROADBAND <ul style="list-style-type: none"> ▪ Wi-Fi, a Technology of Freedom? An Assessment of Wireless Broadband Use in Commercial and Public Spaces in Austin, TX -- <i>Fuentes-Bautista, M; Inagaki, N; Riddle, P</i> ▪ To Be or Not to Be: A Comparative Study of City-wide Municipal WiFi in the US -- <i>Huang, K</i> ▪ A Spectrum Trading Architecture for WiMax -- <i>Caicedo, C; Weiss, M</i> ▪ Wireless Broadband from Backhaul to Community Service: Cooperative Provision and Related Models of Local Signal Access -- <i>Wong, M</i> 	ECONOMICS AND TECHNOLOGY OF IP NETWORKS <ul style="list-style-type: none"> ▪ Complexity of Internet Interconnections: Technology, Incentives and Implications for Policy -- <i>Faratin, P</i> ▪ Cooperative Measurement and Modeling of Open Networked Systems -- <i>Meinrath, S</i> ▪ The Economics of Next Generation Access Networks and Regulatory Governance in Europe: One size Does not Fit All -- <i>Pupillo, L</i> ▪ The Evolving Internet - Traffic, Engineering, and Roles -- <i>Ramakrishnan, K; Houle, J; Sathvani, R; Yaksel, M; Kalyanaraman, S</i> 	THE HUMAN SIDE OF POLICY <ul style="list-style-type: none"> ▪ The Lack of Racial and Gender Diversity in Broadcast Ownership & the Effects of FCC Policy: An Empirical Analysis - <i>Turner, S; Cooper, M</i> ▪ The Formation and Implementation of Closed Captioning Policy in the United States -- <i>Sullivan, J; Jordan, A</i> ▪ The Human Capital Consequences of Mergers in the US Telecommunications Industry: What Do Wage Patterns Show? -- <i>Yaylaci, U; Majumdar, S; Moussawi, R</i> ▪ Mobile Telephony Infrastructure and Devices: Affordable Access and Informal Computer Learning for Low Literacy Groups? -- <i>Kavanaugh, A; Reese, D; Perez-Quinones, M</i>
10:40 – 12:20	TRADE AND HARMONIZATION OF TELECOMMUNICATIONS POLICIES <ul style="list-style-type: none"> ▪ Analyzing Trade and Barriers to Trade in Telecommunications Services -- <i>Cave, M</i> ▪ The Telecom Regulatory Environment (TRE) Assessment: methodology and implementation results from six emerging economies -- <i>Galpaya, H; Samarajiva, R; Goswami, D</i> ▪ Beyond Harmonization: The Role of Regions in Facilitating ICT-based Development -- <i>Maitland, C; van Gorp, A</i> ▪ The Regulatory Design Problem Revisited: Tanzania's Pioneering Position in Africa -- <i>van Gorp, A; Maitland, C</i> 	PRIVATIZATION AND LIBERALIZATION: LESSONS LEARNED <ul style="list-style-type: none"> ▪ Value Added Services Policy Reform in China: Lessons for -- and from -- the U.S. in Managing an Evolving Market -- <i>Taylor, R</i> ▪ Another Instance Where Privatization Trumped Liberalization: The Politics of Telecommunications Reform in South Africa -- A Ten-Year Retrospective -- <i>Horwitz, R; Currie, W</i> ▪ Consequences of Vertical Separation and Monopoly: Evidence from the Telecom Privatizations -- <i>Viani, B</i> ▪ Market Forces or Qian Gui Ze? Interpreting Market Behavior in Chinese Telecommunication Industry -- <i>Xia, J</i> 	SUSTAINING METROPOLITAN NETWORKS <ul style="list-style-type: none"> ▪ Finding an Effective Sustainable Model for a Wireless Metropolitan-Area Network: Analyzing The Case of Pittsburgh -- <i>Peha, J; Gilden, B; Savage, R; Sheng, S; Yankiver, B</i> ▪ Which Way to a (Judicious) Municipal Wireless Network? An Assessment of the Different Alternatives for Municipal Participation in Wireless Local Networks -- <i>Macián, C</i> ▪ Desiderata for Public Internet Infrastructures -- <i>Clement, A</i> ▪ Unintended Outcomes in Information and Communication Technology Adoption: A Micro-level Analysis of Usage in Context - <i>Akpan-Obong, P</i> 	E-GOVERNMENT AND E-BUSINESS <ul style="list-style-type: none"> ▪ Government-mandated open source development: the case study of Venezuela -- <i>Maldonado, E</i> ▪ Age in the Internet Age: Is the Age of the Farm Operator a Factor in On-line Business Use? -- <i>Stenberg, P; Morehart, M; Williams, R</i> ▪ An Empirical Study of Open Standards -- <i>Shah, R; Kesan, J</i> ▪ Assessing E-Government Services from Citizens- Clickstream Data -- <i>Park, S</i> 	Panel: RESEARCH INITIATIVES FOR A FUTURE INTERNET