



28TH EUROPEAN REGIONAL INTERNATIONAL TELECOMMUNICATION SOCIETY CONFERENCE

Competition and regulation in the information age

Conference Programme
Passau, Germany, 30 July – 2 August 2017

Hosted by



Programme overview

Sunday, 30 th July		Monday, 31 st July		Tuesday, 1 st August		Wednesday, 2 nd August	
		08.30 – 09.30	Registration	09.00 – 10.30	Panel session	09.00 – 10.30	Parallel sessions 6
		09.30 – 10.00	Opening and welcome address	10.30 – 11.00	Coffee	10.30 – 11.00	Coffee
		10.00 – 11.30	Keynote address	11.00 – 12.30	Parallel sessions 3	11.00 – 12.30	Parallel sessions 7
		11.30 – 12.00	Coffee	12.30 – 14.00	Lunch	12.30 – 13.00	Closing session
		12.00 – 12.30	Transition to university	14.00 – 15.30	Parallel sessions 4	13.00 – 14.30	Lunch
		12.30 – 13.30	Lunch	15.30 – 16.00	Coffee	15.30 -17.00	Guided tour
		13.30 – 15.00	Parallel sessions 1	16.00 – 17.30	Parallel sessions 5	17.00 – 18.00	Cathedral & organ tour
		15.00 – 15.30	Coffee	18.30 – 23.00	Conference dinner		
		15.30 – 17.00	Parallel sessions 2				
		17.00 – 17.30	Coffee				
		17.30 – 19.00	Panel session				
19.00 – 22.00	Welcome reception						

Map of Passau

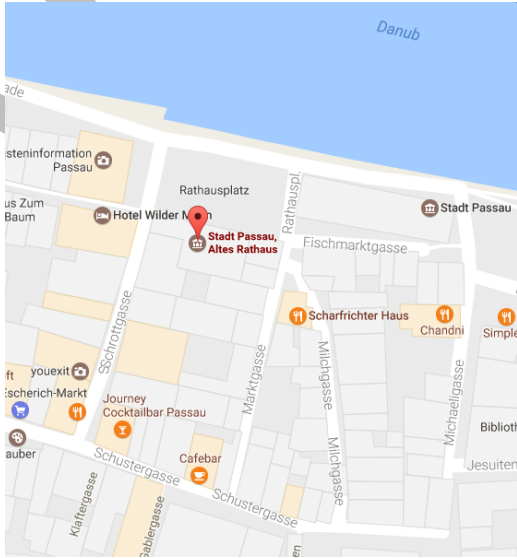


Sunday, 30th July
Welcome reception


19.00 – 22.00	Welcome reception	Beer garden Loewen-Brauhaus, Rathausplatz 2 94932 Passau www.loewen-brauhaus.de
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Monday, 31st July
Opening and welcome address, keynote speech, 09.00-12.00

<p>09.00 – 10.00</p>	<p>Opening and welcome address</p> <ul style="list-style-type: none"> • Stephen Schmidt - Chairman, International Telecommunications Society • Juergen Dupper – Lord Mayor of Passau • Prof. Dr Carola Jungwirth – President of the University of Passau 	<p>Großer Rathaussaal Altes Rathaus Rathausplatz 94032 Passau</p>
<p>10.00 – 11.30</p>	<p>Keynote address</p> <p><i>Regulatory inertia versus ICT dynamics</i></p> <p>Prof. Dr. Ingo Vogelsang Boston University, USA</p>	
<p>11.30 – 12.00</p>	<p>Reception / Coffee break</p>	

Transition to the University and lunch

<p>12.00 – 12.30</p>	<p>Bus / walk</p>	
<p>12.30 – 13.30</p>	<p>Lunch</p>	<p>Mensa, Innstr. 29</p>

Monday, 31st July.
Parallel Sessions I: 13.30 – 15.00

Mobile equipment	Digital exclusion	Broadband 1	Privacy	Internet of Things	Using online technologies
<p>Shinohara – How did the Apple's supply strategy of iPhone affect the competition among mobile carriers?</p> <p>Lee & Kwon – An empirical study on firms' product entry strategy in the US smartphone market</p> <p>Wernick & Gries – Economic implications of embedded SIM for the mobile telecommunications consumer segment</p>	<p>Valarezo-Unda, López, Pérez-Amaral & Gijón – Determinants of individual cross border online purchases. The case of Spain</p> <p>Kapatamoyo – Little bytes: zero rating, digital divide and competition in Africa</p> <p>Gcora & Moinul – A survey on contextual co-design approach to shape newly introduced ICT innovative services with better user experience to enhance use and acceptance: Lessons from National Government Departments (NGDs) of South Africa</p>	<p>Briglauer, Cambini & Grajek - Regulation and investment in European high-speed broadband infrastructure</p> <p>Neumann & Godlovitch - Co-investment and incentive-based regulation in electronic communications</p> <p>Lange - Tariff diversity and competition policy – Drivers for broadband adoption in the European Union</p>	<p>de Stree - For a smart protection of the digital consumer</p> <p>Taharat, Islam & Zaber - Is there anything wrong with my password? : Enumerating people's perception and understanding real threat in this changing cyber world.</p> <p>Sobolewski & Palinski - How much do we care for privacy on the Internet? User preferences for strong vs soft implementation of the new EU regulation for protection of privacy online.</p>	<p>Knieps - Internet of Things and the economics of networked vehicles</p> <p>Shin - A living lab approach to Internet of Things development in Korea</p> <p>Sadowski, Nomaler & Whalley - Technological diversification into "Blue Oceans"? A patent-based analysis of mobile health and smart energy patent profiles of ICT firms</p>	<p>Wireko & Azumah – Who 'owns' the cloud? An empirical study of cloud governance in cloud implementation in Ghana</p> <p>Unver - How to embrace 'clouds' under the EU landscape: Building up a legal framework for 'interoperability' conundrum</p> <p>Cheng & Mitomo - Can digital media enhance collective resilience behaviours in disasters? A case study of the 2011 Great East Japan Earthquake</p>

Monday, 31st July.
Parallel Sessions 2: 15.30 – 17.00

Mobiles services 1	OTT	Uses of data	Mergers & Acquisitions	PANEL – The Sky is the Limit: Alternative Approaches to Last Mile Broadband
<p>Omigie, Zo & Rho – Value-based customers satisfaction and continuance intention for mobile financial services: The roles of utilitarian, hedonic, and personal values</p> <p>Nicolle, Grzybowski & Zulehner - Impact of competition and regulation on prices of mobile services: Evidence from France</p> <p>Guven – Determinants of subscriber churn and customer loyalty in the Turkish mobile telephone market among university students</p>	<p>Jirakasem & Mitomo – Regional telecommunications policy and ASEAN’s responses to convergence and Over-the-top (OTT) services</p> <p>Hildebrandt, Arnold, Tas & Kroon - More than words – A global analysis of the socio-economic impact of OTT communications services</p> <p>Karsten - OTT-messengers and mobile telecommunication: A joint market? - An empirical approach</p>	<p>Niebel, Rasel & Viete - BIG Data - BIG Gains? Understanding the link between big data analytics and firm performance</p> <p>Mitomo - Data network effects: Implications for data business</p> <p>Islam, Rakib, Chaki, Ali, Zaber & Newaz - Scrutiny of electricity data as a probable proxy for economic activities</p>	<p>Navio-Marco, Calle & Solorzano-Garcia - Analysis of glamorous acquisitions in the telecommunications sector: Overvaluation or successes?</p> <p>Castells, Bahia, Pedros & Abate - Mobile mergers and quality of service: An ex-post evaluation of the 4-to-3 merger in Austria</p> <p>Vialle & Giron - A preliminary analysis of mergers and acquisitions by Microsoft from 1992 to 2016: a resource and competence perspective</p>	<p>Chairman: Scott Marcus</p> <p>Participants – to be confirmed</p>

Monday, 31st July.
Panel session, IP Interconnection

17.30 – 19.00

Chairman - Soctt Marcus	Location – WiWi, Lecture hall 7
Panellists:	
<ul style="list-style-type: none">• Dr. Falk von Bornstädt, Deutsche Telekom• Prof. William Lehr, Massachusetts Institute of Technology• Dr. Cara Schwarz-Schilling, Bundesnetzagentur• Harald Summa, eco und DE-CIX	

Tuesday, 1st August.
Panel session, Personal information markets: New business models for network operators

09.00 – 10.30

Chairman – Jan Krämer	Location – WiWi, Lecture hall 7
Panellists:	
<ul style="list-style-type: none">• Dr. Marie Charlotte Roques Bonnet, Director EMEA privacy policy at Microsoft• Dr Nicolaus Gollwitzer, CEO Telefónica Next• Jiri Pilar, DG Connect, G.1/ European Commission•	

Tuesday, 1st August.
Parallel Sessions 3: 11.00 – 12.30

Mobile services 2	Business models	Consumers issues	PANEL – Zero-Rating and Regulation
<p>Kongaut & Lis - Supply and demand sides of mobile payment: A comparative case study of successful mobile payment adoption in developed and developing countries</p> <p>Arnold, Schneider & Kroon - An app for every step – A psychological perspective on interoperability of mobile messenger apps</p> <p>Zhang, Yin & Yuan - When, where and why we use apps a study on use contexts of mobile app</p>	<p>Koeder & Tanaka - Game of chance elements in free-to-play mobile games. A freemium business model monetization tool in need of self-regulation?</p> <p>Stork & Esselaar - Freemium Internet - Next generation business model to connect next billion</p> <p>Sahut & Hikkerova - FinTech and new business models: the case of insurance</p>	<p>Maleki, Ringel & Skiera - Competitive evolution analysis for consumers' attention</p> <p>Ostermann & Wiewiorra - Understanding IT consumerization decisions - Evidence from a choice experiment</p> <p>Lyons & Lunn - Consumer switching intentions for telecoms services: evidence from Ireland</p>	<p>Chairs – Bronwyn Howell, Roslyn Layton</p> <p>Confirmed speakers:</p> <ul style="list-style-type: none"> • Professor Dr Jan Krämer, University of Passau, Germany • Professor Donghee Shin, School of Media and Communication, Chung-Ang University, Seoul, Korea

Tuesday, 1st August.
Parallel Sessions 4: 14.00 – 15.30

Mobile – 5G	Online markets 1	Broadband 2	Regulation	Privacy and data uses	Universal service and access
<p>Marcus & Molnar - Network sharing and 5G in Europe: the potential benefits of using SDN and/or NFV</p> <p>Kim, Kim & Nam - A public R&D resource allocation model for 5G mobile industry in Korea</p> <p>Rendon Schneir, Chambers, Bradford, Konstantinou, Zimmermann, Droste, Canto & Ajibulu - Cost analysis of a 5G Network with multi-tenancy options</p>	<p>Kraemer, Schnurr & Wohlfarth - Winners, losers, and Facebook: The role of social logins in the online advertising ecosystem</p> <p>Batikas, Claussen & Peukert - Follow the money: Piracy and online advertising</p> <p>Ueda - A conjoint analysis on e-book market in Japan</p>	<p>Briglauer & Vogelsang - Path dependencies in regulation and their determinants: Recent evidence from regulated EU broadband markets</p> <p>Beckert - Success factors for FTTH deployment in Europe: Learning from the leaders</p> <p>Sudtasan & Mitomo - Willingness-to-pay for FTTH for securing and stable use of OTT media streaming services</p>	<p>Marcus & Petropoulos - Incentives for investment in fast broadband: How much can be expected from the proposed European code?</p> <p>Mizuno – The likelihood of co-investment in telecommunications: The effects of access regulation and firm heterogeneity</p> <p>Howell, Tsuji & Shinohara - Policy alternatives for better and wiser use of the Japanese NGN: Competition, functional separation, or what?</p>	<p>Gómez-Barroso, Palacios & Feijóo - Is there a trade-off between anonymity and personalised services?</p> <p>Koguchi, Jitsuzumi, Kasuga, Nakamura & Shishikura - Relationship between the amount of compensation for the leak of personal data and personal attributes</p> <p>Wohlfarth - Data portability on the Internet: An economic analysis</p>	<p>Rajabiun & Middleton - The rise of broadband as an essential utility and emergent concepts in universal access in advanced economies: Perspectives from Canada</p> <p>Stocker & Whalley - Who contributes to consultations, and what do they say? An analysis of the USO consultation in the United Kingdom</p> <p>Batura - Universal service and broadband deployment: What relation under the proposed European Electronic Communications Code?</p>

Tuesday, 1st August.
Parallel Sessions 5: 16.00 – 17.30

Mobile - spectrum	Online markets 2	Government involvement in telecom markets 1	The Internet and its impact	Exploring the structure of markets, broadband	Platforms
<p>Feito, Frias & Perez - Application of multiple regression analysis to the spectrum prices of IMT bands</p> <p>El-Moghazi, Whalley & Irvine - The future of the international radio regulations: transformation towards sharing?</p> <p>Schmidt - Radio interference: Jurisdictional competition in Canadian wireless regulation</p>	<p>Lang – Weibo, Wechat, the emerging entrepreneurs with social media: A clarification on entrepreneurial mode in networked China</p> <p>Caccinelli & Toledano - Assessing anticompetitive practices in two-sided markets: A comparative analysis of four antitrust proceedings against Booking.com</p> <p>Lehmann, Weber, König & Graf-Vlachy - Institutional challenges of discontinuous technologies: The case of the sharing economy</p>	<p>Lelie, Sadowski & Brennenraedts - Government involvement and learning in business model experimentation: NGA deployment in rural areas in the Netherlands</p> <p>Purnama & Mitomo - The Role of local government in telecommunication infrastructure development: A case study of shared duct in Bandung Indonesia</p> <p>Gerli, Matteucci & Whalley - Infrastructure provision on the margins: A critical assessment of Broadband Delivery UK</p>	<p>Lindeberg - Internet governance: The visible and the invisible hand</p> <p>Sedlmeir, Hopf, Neuburger & Picot - Convergent digital infrastructures and the role of (net-) neutrality</p> <p>Lindeberg - How stable is the internet to malign or economic interference?</p>	<p>Dubus - Asymmetric awareness and heterogeneous agents</p> <p>Cherry - Instability of broadband policies in the U.S. compared to Canada</p> <p>Papai, Nagy & Papp - Number or type? – Lessons from a benchmarking study of the large-screen mobile broadband prices in the European Union</p>	<p>Stasi & Silvestri - From general principles to individual rating: shaping multi-tier regulation for sharing platforms</p> <p>Choi, Nam & Kim - The impacts of mobile platform openness on application developers' intention to continuously use the platform</p>

Tuesday, 1st August.
Conference dinner: 18.30 – 23.00

Gala boat "Regina Danube" Fritz-Schäffer-Promenade	
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Wednesday, 2nd August.
Parallel Sessions 6: 09.00 – 10.30

Mobile	Online markets 3	Ecosystems in practice	Regulation	Encouraging broadband 2	Online services
<p>Behringer, Baranes & Poudou - Mobile call termination and collusion under asymmetry</p> <p>Henten, Tadayoni & Sørensen - Mobile communications – on standards, classifications and generations</p> <p>Curwen - High-speed data provision via mobile networks in Latin America and the Caribbean</p>	<p>Schweitzer & Seifert - Performance of the package-clock and the simultaneous ascending auction for items with uncertain and complementary values: An experimental investigation</p> <p>Elaluf-Calderwood, Liebenau & Rossi - Changing markets in operating systems; a socio-economic analysis</p> <p>Kraemer & Zierke – Sponsoring ranking in application stores – Impact on application quality and welfare</p>	<p>Binsfeld, Whalley & Pugalis - Collaborating in ICT ecosystems: the case of Luxembourg</p> <p>Arenal, Armuna & Ramos - From App Economy to Web Entrepreneurship: Analyzing the socio-economic impact of mobile applications and web-based entrepreneurs in Europe under the entrepreneurial ecosystem framework</p> <p>Leonetti, Sadowski & Nucciarelli - Value creation in newly established ecosystems: The case of the NOI Tech Park in Italy</p>	<p>Falck, Heimisch, Koenen & Mazat - Regulating an industry undergoing technological change - The case of telecom in Austria</p> <p>Neumann & Plückebaum - Mobile network sharing</p> <p>Schmitt & Neu - The beta in the WACC for regulated fixed and mobile telecommunications services: its role and robust estimation</p>	<p>Balmer - Boosting co-innovation and NGA investment in rural areas by setting up cooperative local (digital) platforms - The Swiss cases of MiaEngiadina and NüGlarus</p> <p>Ruhle, Oskar & Egg - OAN of municipal fibre networks - Case study Lienz in Eastern Tyrol</p> <p>Gerli, van der Wee, Verbrugge & Whalley - The involvement of utilities in the development of broadband infrastructure: much ado about nothing?</p>	<p>Chaki, Ahamed, Islam, Rakib, Zaber Ali - Understanding complex social network of government officials in decision making</p> <p>Terada - Online simultaneous program distribution trials by broadcast TV stations in Japan</p> <p>Garín-Muñoz, López & Pérez-Amaral - An analysis of e-commerce in Spain: determinants and barriers</p>

Wednesday, 2nd August.
Parallel Sessions 7: 11.00 – 12.30

Looking forward and looking back	Online markets 4	Smart and city-wide infrastructures	Consumer issues	Broadband impacts 2	Interconnection & innovation
<p>Kwon & Kwon - Telecommunications Policy: An evaluation of 40 years' research history</p> <p>Gruber - Innovation, skills and investment: A digital industrial policy for Europe</p> <p>Lehr & Sicker - Communications Act 2021</p>	<p>Badran - Electronic health records prospects in Egypt: A demand-side perspective</p> <p>Nakamura - Evaluating customer reviews in matching services on the Internet</p> <p>Nuntree, Noonpakdee & Booncharoen - PromptPay: Liability of e-payment service provider and impact on growth of finance sector in Thailand</p>	<p>Kaiser, Verbrugge & Colle - An overview of different business models for public Wi-Fi and their implications on indirect revenue</p> <p>Oomens & Sadowski - Public and private value creation in smart city initiatives: The case of the Netherlands</p> <p>Anand & Navio-Marco - Using competition and collaboration for sustainable smart cities</p>	<p>Howell & Potgieter - Triple-play (un)bundled pricing – cui bono?</p> <p>Schlereth, Skiera & Sebastian - Uncovering hidden profits of minimum and billing increments</p> <p>Kraemer & Wiewiorra - Strategic whitelisting by an ad-blocking technology provider: Market outcomes and welfare implications</p>	<p>Hasbi - Impact of superfast broadband on local economic growth: Empirical evidence</p> <p>Zaber, Bohlin & Lindmark - Does broadband bandwidth variability improve quality of life? Lessons from Sweden</p> <p>Sigloch, Giovannetti & Fennell - Upstream internet market structures and mobile broadband affordability, a competition regulation trade-off in Tamil Nadu</p>	<p>Baake & Sudaric - Interconnection and prioritization</p> <p>Knieps & Stocker - Internet of Things and the interconnection of virtual networks</p> <p>Tsuji, Idota, Bunno & Shinohara - ICT use, connectivity, and innovation capability in Japanese innovative SMEs</p>

Wednesday, 2nd August.
Social events, 15.30 – 18.00

<p>15.30 – 17.00 Guided city tour The tour starts at Nikolakloster, Innstr. 40 University of Passau The tour ends in front of St Stephen's Cathedral</p>	<p>17.00 – 18.00 Guided cathedral and cathedral organ tour The tour starts in front of St Stephen's Cathedral</p>
