



27TH EUROPEAN REGIONAL INTERNATIONAL TELECOMMUNICATION SOCIETY CONFERENCE

The evolution of the north-south telecommunications divide: the role for Europe

Conference Programme
Cambridge, UK, 7th – 9th September 2016

Programme Overview, 7th – 9th September 2016.

Wednesday 7 September		Thursday 8 th September		Friday 9 th September	
		08.30 – 17.00	Registration	08.00 - 09.15	Breakfast, Microsoft Research Center
		09.00 – 10.30	Opening session	09.40 – 11.10	Parallel Session 4
		10.30 – 11.00	Coffee	11.10 – 11.30	Coffee
		11.00 – 12.30	Parallel Session 1	11.30 – 12.30	Parallel Session 5
		12.30 – 14.00	Lunch	12.30 – 14.00	Lunch
		14.00 – 15.30	Parallel Session 2	14.00 – 15.30	Parallel Session 6
		15.30 – 16.00	Coffee	15.30 – 16.00	Coffee
		16.00 – 18.00	Parallel Session 3	16.00 – 17.30	Parallel Session 7
18.30-20.30	Welcome reception, The Academy, Anglia Ruskin University				
				19.00 – 22.30	Conference dinner, Sydney Sussex College

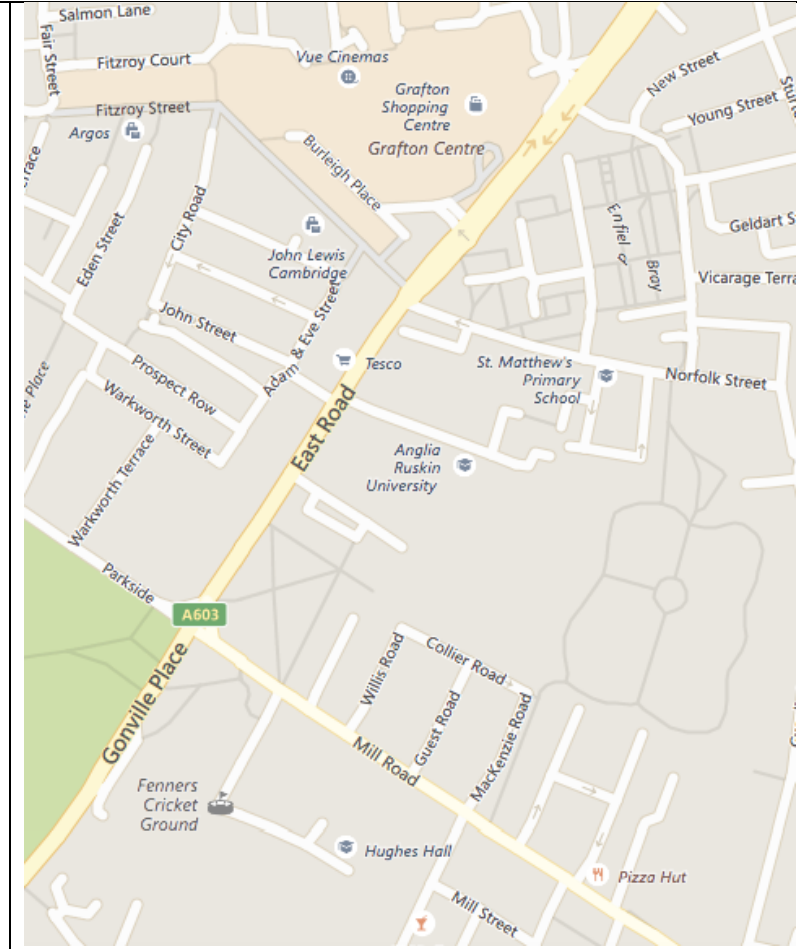
Welcome reception: Wednesday, 7th September, 18.30-20.30

Welcome reception, The Academy, Anglia Ruskin University

18.30-20.30

The welcome reception will be held at The Academy, Anglia Ruskin University. The Academy is located at the university, whose address is:

Anglia Ruskin University
East Road
Cambridge, CB1 1PT



Opening Session: Thursday, 8th September

09.00-10.30	<p>Opening Remarks</p> <p>Iain Martin, Professor and Vice-Chancellor, Anglia Ruskin University</p> <p>Stephen Schmidt, ITS Chairman</p> <p>Emanuele Giovannetti, Professor and Deputy Director, Institute for International Management Practice, Anglia Ruskin University</p> <p>Plenary Session</p> <p>Bill Lehr, Computer Science and Artificial Intelligence Laboratory, MIT</p> <p>Eun-Ju Kim, Chief of Innovation and Partnership Department, Telecommunication Development Bureau, ITU</p> <p>John Souter, CEO, London Internet Exchange, LINX</p> <p>The opening session will take place in room LAB002.</p>
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Parallel Sessions: Thursday, 8th September.

Parallel Sessions 1: 11.00-12.30			
Standards and innovation	Mobile 1	Online 1 – smart cities & regulatory issues	Using technology
Room - LAB222	Room – LAB215	Room – LAB216	Room – LAB214
<p>Sadowski, Whalley & Nomaler. Technological pervasiveness and speciation in the Internet of Things (IoT): A patent -based analysis</p> <p>Unver & Vanberg. How interoperable and standardised should IoT market be: A policy discussion from an EU-centric point of view</p> <p>Idota, Bunno, Ueki, Shigeno & Tsuji. Empirical analysis on human resource management and ICT use for product innovation in firms of ASEAN economies</p> <p>Pallás-Gozálvez and Gijón. Internet of Things in the European digitalization process</p>	<p>Liang & Petulowa. Mobile-only consumers arise from heterogeneous valuation of fixed services</p> <p>Hallingby. What is the status of the mobile phone number as identifier in Norway and Pakistan</p> <p>Ameen & Willis. An investigation of the challenges facing the mobile telecommunications industry in United Arab Emirates</p> <p>Fennell, Bedi & Verma. Mobile phone usage by rural youth: Evaluating the Inter-generational strategies of green revolution households in Punjab, India</p>	<p>Martínez de Ibarreta & Gijón. Cybersecurity and risk behaviour on mobile individual consumers in Spain</p> <p>de Streel & Larouche. A sustainable EU regulatory framework for digital services</p> <p>Anand. Making smart cities sustainable: reflections on current challenges in a world of digital divide</p> <p>Agudo-Peregrina & Navío-Marco. Extended framework for the analysis of innovative smart city business models.</p>	<p>Ivory, Watson & Casey. The role of mobile phones in repair worker communities of practice</p> <p>Cheng & Mitomo. Effects of ICT and media information on collective resilience after disasters – from a virtual crowd to a psychological crowd</p> <p>Yoon & Na. ICT and Transport Infrastructure Development</p>

Parallel Sessions 2: 14.00-15.30		
Broadband 1	Mobile 2	Panel session – Internet exchange points
Room – LAB214	Room – LAB215	Room – LAB222
<p>Gerli & Whalley. Infrastructure investment on the margins of the market: the role of niche infrastructure providers in the UK</p> <p>Houpis, Serdarevic & Vetterle. Supply-side measures for policy makers to promote mobile broadband coverage</p> <p>Balmer & Ünver. Cooperative investment in next generation broadband networks</p> <p>Manh & Williams. PPPs proposals for the telecom market development in Vietnam</p>	<p>Hämmäinen, Harris & Madden. Mobile handset, market dynamics and boundaries</p> <p>Jeanjean & Hounghonon. Market structure and data traffic in the wireless industry</p> <p>Deniau, Jauniaux & Lebourges. EU retail roaming regulation triggers competition mechanisms of wholesale roaming markets that make wholesale prices competitive</p>	<p>The role of Internet exchange points and academic networks in the north-south divide</p> <p>Chair: Emanuele Giovannetti, Anglia Ruskin University</p> <p>Speakers:</p> <p>Mohsen Hamoudia, Orange plc.</p> <p>Mauro Magrassi, Milan Internet Exchange (Mix)</p> <p>Sebastian Sigloch, Swiss Academic Network (Switch)</p> <p>John Souter, CEO, London Internet Exchange (LINX)</p>

Parallel Sessions 3: 16.00-18.00			
Broadband 2	Mobile 3	Online 2 – services	Issues in telecommunications
Room – LAB214	Room – LAB215	Room – LAB216	Room – LAB222
<p>Sudtasan & Mitomo. Effects of OTT services on consumers' willingness to pay for optical fiber broadband connection in Thailand</p> <p>Svigelj, Hrovatin & Zoric. Analysis of household broadband technology</p> <p>Maton. Investment strategy to migrate broadband to ultra-fast broadband preferences in Slovenia</p> <p>Oughton. Studying the Costs of fibre deployment in fixed broadband access infrastructure: Evidence from the UK's national needs assessment</p> <p>Stocker & Whalley. Speed isn't everything - A multi-criteria analysis of broadband access speeds in the UK</p>	<p>El-Moghazi, Whalley & Irvine. International radio spectrum management regime: Restricting or enabling opportunistic access in the TVWS?</p> <p>Sobolewski & Czajkowski. Estimating call externalities in mobile telephony in Poland</p> <p>Lu & Rohr. Measuring the willingness to pay for mobile telephony in mobile network not-spots in England</p> <p>Weber & Scuka. Market protection or innovation</p>	<p>Wireko. Transition to e-government in developing countries: Case of leveraging the Driver and Vehicle Licensing Authority (DVLA) service towards smart city initiatives in Ghana</p> <p>Madden & Vincente. Online health information and European Union doctor visitation</p> <p>van Gorp. Promise and reality of E-Health market development: An analysis of operator and developer strategies in the Netherlands</p> <p>Krämer & Wiewiorra. Strategic Whitelisting by an Ad-blocking Technology Provider: Market Outcomes and Welfare Implications</p>	<p>Frias & Perez. Techno-economic assessment on the Spanish regulation for FTTH unbundling</p> <p>Athreye & Al-Nuami. The impact of MNE patenting from India and China: evidence from the telecommunications sector</p> <p>Kuroda, Kido & Ichikawa. Does the usage of TV streaming on the Internet bring about new functions to the public service broadcaster?: Evidence from a randomized field experiment</p> <p>Pérez-Amaral, Gijón, López & Valarezo-Unda. Telecommunications demand in Spain: cross section models using ICT-H surveys (2008-2015)</p>

Breakfast – Microsoft Research, Friday, 9th September.

Breakfast, Microsoft Research Center (MRC)

08.00-08.15: Breakfast buffet

08.15-08.20: Microsoft and the ITS

Roberto Balmer, Public Policy/Government Affairs Manager, Microsoft Western Europe

08.20-08.45: Research at Microsoft

Manuel Costa, principal Researcher, Systems & Networking, Microsoft Research Center

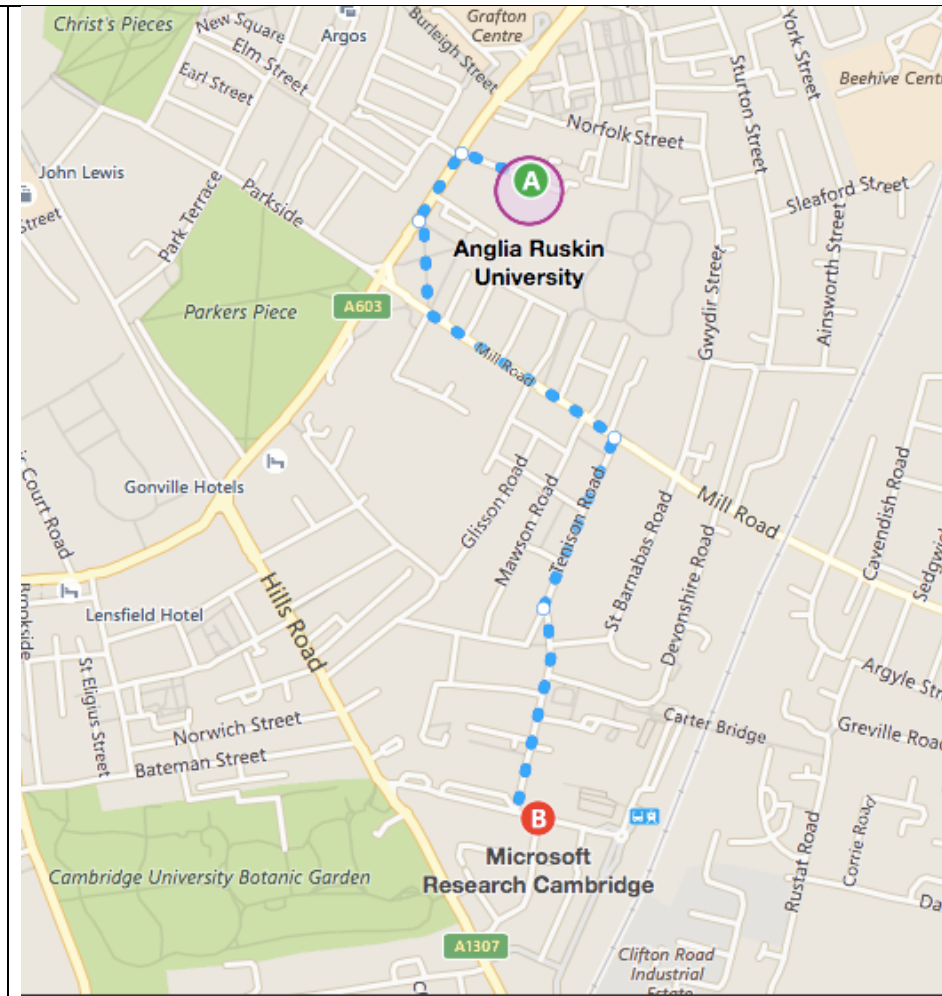
Research at Microsoft: cybersecurity, privacy, machine-learning and new methods of human interaction

09.00-09.15: Networking

09.15: return to Anglia Ruskin University

The Microsoft Research office is located close to Cambridge station. The address is:

Microsoft Research Ltd,
21 Station Road,
Cambridge, CB1 2FB
United Kingdom



Parallel Sessions: Friday, 9th September.

Parallel Sessions 4: 09.40-11.10			
Economic growth	Mobile 4	Online 3 – data & privacy	Developing policy
Room – LAB214	Room – LAB215	Room – LAB216	Room – LAB222
<p>Barrera. A panel data analysis of temporary and permanent effects of fixed broadband penetration over economic growth</p> <p>Lüdering. Low latency Internet and economic growth: A simultaneous approach</p> <p>McCoy, Lyons, Morgenroth, Palcic & Allen. The impact of local infrastructure on new business establishments</p>	<p>Shinohara & Tsuji. How smartphones transformed market and competition of mobile broadband in OECD member countries.</p> <p>Sigloch, Giovannetti & Fennell. An exploratory network analysis of mobile broadband provider's infrastructure relationships in Tamil Nadu, India.</p> <p>Rendon Schneir, Ajibulu, Berberana, Zimmermann & Chambers. A cost model for a 5G network</p>	<p>Bruni, Dolente & Leporelli. Logical analysis of data as an exploratory tool to characterize individual use of the Internet in Italy</p> <p>Herrera-González and Blades. An economic analysis of personal data protection obligations in the European Union</p> <p>Koguchi, Jitsuzumi, Kasuga, Nakamura & Shishikura. Analysis of the relation between a person's emotion and willingness to accept for leaks of personal data.</p> <p>Cecere, Le Guel & Omrani. Why Nobody Reads Web Site Privacy Policies?</p>	<p>Schmidt & Jull. Encouraging dialogue with a telecommunications regulator when penalties are at risk: East is east, and west is west, and never the two shall meet</p> <p>Fredebeul-Krein. An analysis of ICT-related provisions of TTIP: Market access and implications for competition in the EU and the US</p> <p>Marcus & Petropoulos. Cross-border parcel delivery prices: Intuitions drawn from the world of telecommunications</p> <p>Rajabiun & Middleton. Decentralization and confusion about the state of European telecoms: Perceptions versus reality in policy formation abroad</p>

Parallel Sessions 5: 11.30-12.30			
Digital divide 1	Net neutrality	Online 4 – Big data	Regulation 1
Room – LAB214	Room – LAB215	Room – LAB216	Room – LAB222
<p>Binsfeld, Whalley & Pugalis. Competing through e-skills: Luxembourg and its second level digital divide</p> <p>Lehnus & Matteucci. Mapping the evolution of the broadband digital divide: The Italian unconventional experience</p> <p>Schmidt, Levin & Scott. Broadband adoption: Translating the digital divide literature into effective government policies and actions</p>	<p>Terada. Wireless net neutrality: Case of Japan</p> <p>van Eijk. Does net neutrality work: the Dutch case</p>	<p>Cheikhrouhou, de Vrieze, Giovannetti, Liu, Xie, Xu & Yu. Big data empowered logistics services platform</p> <p>van der Wee, Bahreini & Verbrugg. How to deal with big data? Techno-economic analysis of different storage, processing and analysis alternatives</p> <p>Liu. The Privacy Protection of Big Data Application: Using Web Services and Social Media as Examples</p>	<p>Oguz & Guven. An overview of the ladder of investment approach in the Turkish telecommunications markets</p> <p>Falch, Henten & Williams. Can zero rating contribute to achieving universal services in developing countries?</p> <p>Hawthorne. Did the call termination rate intervention by the Independent Communications Authority of South Africa result in lower voice prices?</p>

Parallel Sessions 6: 14.00-15.30		
Digital divide 2	Aspects of the new economy	Meet the editors
Room – LAB214	Room – LAB215	Room – LAB222
<p>Benseny, & Hämmäinen. Bottleneck analysis of mobile broadband adoption in emerging markets</p> <p>Jhunhunwala, Kaur, Ramachandran, Mannar, Mrinalini & Nagarajan. Mobile apps making a socio-economic impact for managing power at underprivileged homes</p> <p>Narayanan, Kaur & Fennell. Internet access for rural India</p>	<p>Stocker, Smaragdakis, Bauer & Lehr. Content is king, (peering) location is emperor: a progress report on QoS and the evolution of content delivery in the internet</p> <p>Dittmann & Kuchinke. Sharing economy – A change of paradigm or just new wine in old bottles?</p> <p>Rosgonyi & Sarikakis. Ethics in the governance of telecommunications: accountability of the global industrial actors</p>	<p>An opportunity for academics to meet the editors of leading journals in the field. Present will be the editors of:</p> <ul style="list-style-type: none"> • info • Telecommunications Policy

Parallel Sessions 7: 16.00-17.30			
Development	Mobile 5	Online 5	Regulation 2
Room – LAB214	Room – LAB215	Room – LAB216	Room – LAB222
<p>Lichtenstein. What is the impact of ICT infrastructure and mobile phones in Rwanda on its aspirations to transform into a knowledge-based, middle-income economy? And what about the farmers?</p> <p>So. The need for the South's pre-emptive information and communication technology (ICT) education policies and the potential for educational partnerships between Europe and the south</p> <p>Osei-Owusu. Market floors strategy and fixed pricing model for co-location under the traditional leaseback framework: an albatross to the growth of tower companies and rural network infrastructure expansion in Ghana</p> <p>Jain & Singh. Policy implications for national knowledge networks in UK and India: A comparative study</p>	<p>Curwen. The why's and how's of consolidation among mobile network operators</p> <p>Berne, Vialle & Whalley. Is competition just a question of numbers? An analysis of the impact of the entry of Free Mobile in the French telecommunications market</p> <p>Nicolle. Are consumers myopic? Evidence from handset and mobile services choices</p> <p>Marcus & Petropoulos. International mobile roaming (IMR): Quo Vadis?</p>	<p>Niebel & Ohnemus. On the determinants of cloud computing adoption</p> <p>Serrano Calle, Pérez Martínez & Frías Barroso. Spanish public policies towards the promotion of cloud computing and digital services for SMEs</p> <p>Cespedes, Navio Marco, Palomo & Gil. Analysing the impact of smart city networks in telecommunications regulation and standardization: the Spanish RECI's case</p> <p>Davies & Giovannetti. Modelling and predicting early success and failure of crowd funding campaigns: Evidence from 9500 projects</p>	<p>Balmer & Ünver. Geographic regulation of next generation broadband networks</p> <p>Papai, Nagy & Papp. Does the number or the composition of players matter on the mobile broadband markets? – Lessons from a benchmarking study of the large-screen mobile broadband prices in the European Union</p> <p>Krämer. Challenges of market power assessment in digital markets</p> <p>Krancke & Vidal. EU telecoms framework review: reinventing the telecoms sector for the digital economy?</p>

Conference dinner, Sidney Sussex College, 19.00-22.30

Conference dinner, Sidney Sussex College

19.00-22.30

The conference dinner will be held at Sidney Sussex College. The college's address is:

Sidney Street
Cambridge CB2 3HU

