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.

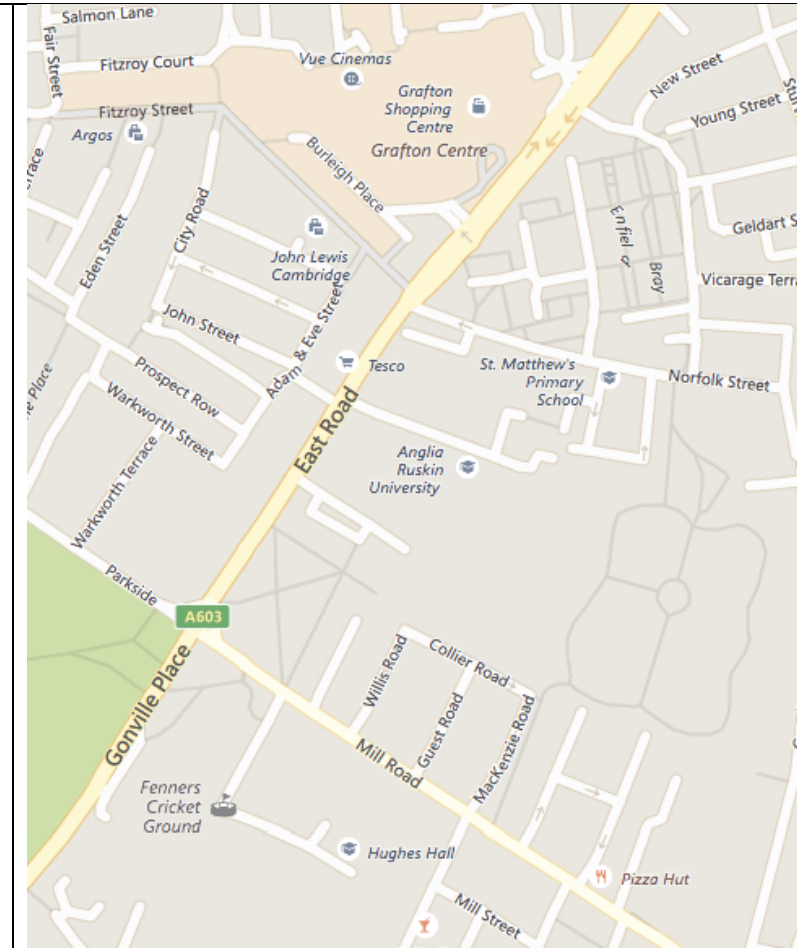| Wednesday 7 September		Thursday 8th September		Friday 9th September	
		08.30 – 17.00	Registration	08.00 - 09.15	Breakfast, Microsoft Research Center
		09.00 – 10.30	Opening session	09.40 – 11.10	Parallel Session 4
		10.30 – 11.00	Coffee	11.10 – 11.30	Coffee
		11.00 – 12.30	Parallel Session 1	11.30 – 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	**Opening Remarks**
	Iain Martin, Professor and Vice-Chancellor, Anglia Ruskin University
	Stephen Schmidt, ITS Chairman
	Emanuele Giovannetti, Professor and Deputy Director, Institute for International Management Practice, Anglia Ruskin University
	Plenary Session
	Bill Lehr, Computer Science and Artificial Intelligence Laboratory, MIT
	Eun-Ju Kim, Chief of Innovation and Partnership Department, Telecommunication Development Bureau, ITU
	John Souter, CEO, London Internet Exchange, LINX
	The opening session will take place in room LAB002.

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

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

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
Sudtasan & Mitomo. Effects of OTT services on consumers' willingness to pay for optical fiber broadband connection in Thailand **Svigelj, Hrovatin & Zoric.** Analysis of household broadband technology **Maton.** Investment strategy to migrate broadband to ultra-fast broadband preferences in Slovenia **Oughton.** Studying the Costs of fibre deployment in fixed broadband access infrastructure: Evidence from the UK's national needs assessment **Stocker & Whalley.** Speed isn't everything - A multi-criteria analysis of broadband access speeds in the UK	**El-Moghazi, Whalley & Irvine.** International radio spectrum management regime: Restricting or enabling opportunistic access in the TVWS? **Sobolewski & Czajkowski.** Estimating call externalities in mobile telephony in Poland **Lu & Rohr.** Measuring the willingness to pay for mobile telephony in mobile network not-spots in England **Weber & Scuka.** Market protection or innovation	**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 **Madden & Vincente.** Online health information and European Union doctor visitation **Cespedes, Navio Marco, Palomo & Gil.** Analysing the impact of smart city networks in telecommunications regulation and standardization: the Spanish RECI's case **Wiewiorra.** Avoiding the nuisance and traffic of online advertisements: An economic analysis of ad-blocking	**Falch, Henten & Williams.** Can zero rating contribute to achieving universal services in developing countries? **Frias & Perez.** Techno-economic assessment on the Spanish regulation for FTTH unbundling **Athreye & Al-Nuiami.** The impact of MNE patenting from India and China: evidence from the telecommunications sector **Gijón, Pérez-Amaral, López & Valarezo-Unda.** Telecommunications demand in Spain: dynamic panel data model of ICT-H surveys (2008-2015) and a comparison with some of the usual Big Data applicable techniques

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, Microsoft Western Europe

08.20-08.45: Research at Microsoft

Manuel Costa, principal Researcher, Systems & Networking, Microsoft Research Center
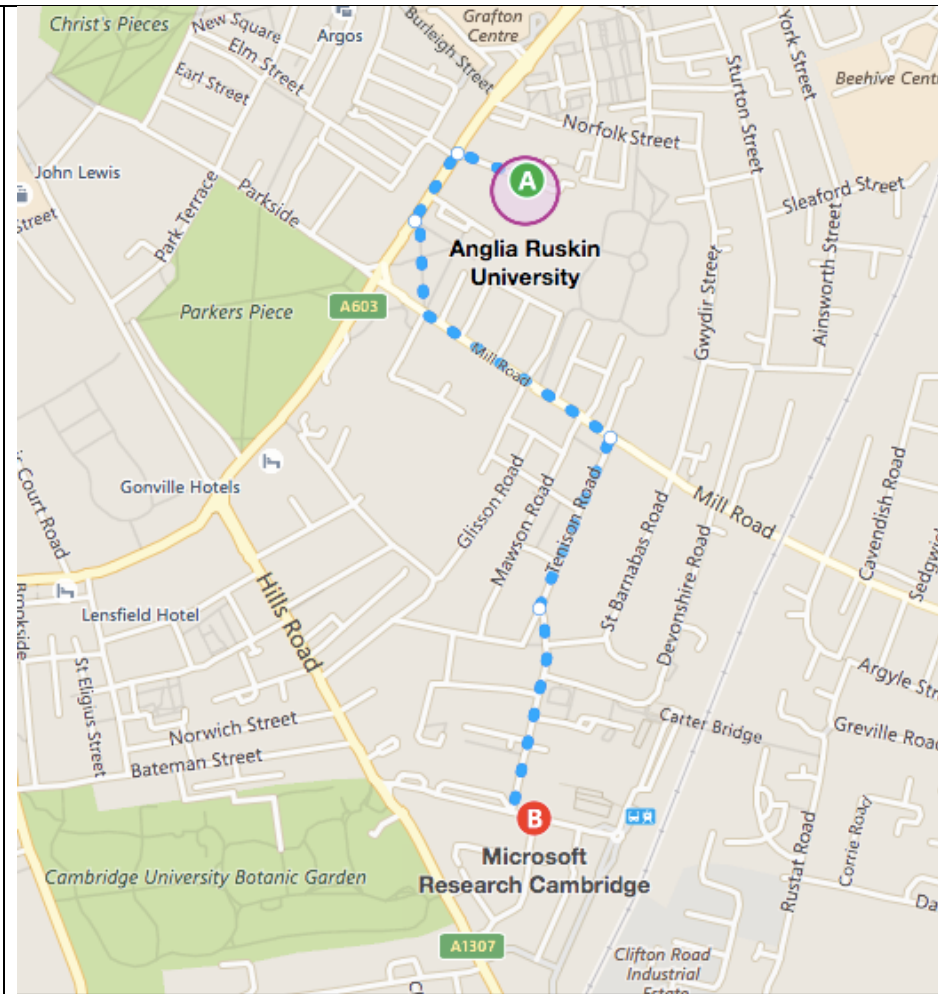
Research at Microsoft: cybersecurity, privacy, machine-learning and new methods of human interaction

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
Barrera. A panel data analysis of temporary and permanent effects of fixed broadband penetration over economic growth **Lüdering.** Low latency Internet and economic growth: A simultaneous approach **McCoy, Lyons, Morgenroth, Palcic & Allen.** The impact of local infrastructure on new business establishments	**Shinohara & Tsuji.** How smartphones transformed market and competition of mobile broadband in OECD member countries. **Sigloch, Giovannetti & Fennell.** An exploratory network analysis of mobile broadband provider's infrastructure relationships in Tamil Nadu, India. **Rendon Schneir, Ajibulu, Berberana, Zimmermann & Chambers.** A cost model for a 5G network	**Bruni, Dolente & Leporelli.** Logical analysis of data as an exploratory tool to characterize individual use of the Internet in Italy **Herrera-González and Blades.** An economic analysis of personal data protection obligations in the European Union **Koguchi, Jitsuzumi, Kasuga, Nakamura & Shishikura.** Analysis of the relation between a person's emotion and willingness to accept for leaks of personal data. **Cecere, Le Guel & Manant.** Giving up your privacy for free services: Are you comfortable with it?	**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 **Fredebeul-Krein.** An analysis of ICT-related provisions of TTIP: Market access and implications for competition in the EU and the US **Marcus & Petropoulos.** Cross-border parcel delivery prices: Intuitions drawn from the world of telecommunications **Rajabiun & Middleton.** Decentralization and confusion about the state of European telecoms: Perceptions versus reality in policy formation abroad

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
Binsfeld, Whalley & Pugalis. Competing through e-skills: Luxembourg and its second level digital divide **Lehnus & Matteucci.** Mapping the evolution of the broadband digital divide: The Italian unconventional experience **Schmidt, Levin & Scott.** Broadband adoption: Translating the digital divide literature into effective government policies and actions	**Kenny & Houpis.** The costs of imposing net neutrality **Terada.** Wireless net neutrality: Case of Japan **van Eijk.** Does net neutrality work: the Dutch case	**Cheikhrouhou, de Vrieze, Giovannetti, Liu, Xie, Xu & Yu.** Big data empowered logistics services platform **van der Wee, Bahreini & Verbrugg.** How to deal with big data? Techno-economic analysis of different storage, processing and analysis alternatives **Liu.** The Privacy Protection of Big Data Application: Using Web Services and Social Media as Examples	**Oguz & Guven.** An overview of the ladder of investment approach in the Turkish telecommunications markets **Hawthorne.** Did the call termination rate intervention by the Independent Communications Authority of South Africa result in lower voice prices? **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

Parallel Sessions 6: 14.00-15.30		
Digital divide 2	Aspects of the new economy	Meet the editors
Room – LAB214	Room – LAB215	Room – LAB222
Benseny, & Hämmäinen. Bottleneck analysis of mobile broadband adoption in emerging markets **Jhunjhunwala, Kaur, Ramachandran, Mannar, Mrinalini & Nagarajan.** Mobile apps making a socio-economic impact for managing power at underprivileged homes **Narayanan, Kaur & Fennell.** Internet access for rural India	**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 **Dittmann & Kuchinke.** Sharing economy – A change of paradigm or just new wine in old bottles? **Rosgonyi & Sarikakis.** Ethics in the governance of telecommunications: accountability of the global industrial actors	An opportunity for academics to meet the editors of leading journals in the field. Present will be the editors of: • info • Telecommunications Policy

Parallel Sessions 7: 16.00-17.30			
Development	Mobile 4	Online 5	Regulation 2
Room – LAB214	Room – LAB215	Room – LAB216	Room – LAB222
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? **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 **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 **Jain & Singh.** Policy implications for national knowledge networks in UK and India: A comparative study	**Curwen.** The why's and how's of consolidation among mobile network operators **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 **Jeanjean & Houngbonon.** Market structure and data traffic in the wireless industry **Marcus & Petropoulos**. International mobile roaming (IMR): Quo Vadis?	**Niebel & Ohnemus.** On the determinants of cloud computing adoption **Serrano Calle, Pérez Martínez & Frías Barroso.** Spanish public policies towards the promotion of cloud computing and digital services for SMEs **Davies & Giovannetti.** Modelling and predicting early success and failure of crowd funding campaigns: Evidence from 9500 projects **van Gorp.** Promise and reality of E-Health market development: An analysis of operator and developer strategies in the Netherlands	**Balmer.** Geographic regulation of next generation broadband networks **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 **Krämer.** Challenges of market power assessment in digital markets **Krancke & Vidal.** EU telecoms framework review: reinventing the telecoms sector for the digital economy?

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