

Monday 21<sup>st</sup> June 2021

Morning parallel sessions. 10.30 – 12.00 Central European Time (CET)

Covid 1	Electronic commerce	Societal benefits?	Mobile 1	Privacy
<p><b>Fernández-Bonilla, De la Vega &amp; Gijón</b> - Study on the impact of Covid-19 in e-commerce and e-government</p> <p><b>Berdibayev and Youngsun Kwon</b> - The fear of COVID-19, Social isolation and digital financial services during the COVID-19 pandemic: An expansion of the Unified Theory of Technology Acceptance and Use (UTAUT) model</p> <p><b>Mitomo, Kamplean &amp; Otsuka</b> - Ineffectiveness of the COVID-19 Tracking and Tracing Application in Japan</p> <p><b>Tsuji &amp; Taher</b> - Transformation of Japanese Digital Health caused by COVID-19: With and after Corona Pandemic</p>	<p><b>Fujisawa &amp; Kasuga</b> - How do durable goods firm combine online and mass media advertisement to promote sales?</p> <p><b>Hu, Liu &amp; Yan</b> - Should I scan my face? The influence of perceived value and trust on Chinese users' intention to use facial recognition payment</p> <p><b>Song &amp; Liu</b> - The effect of live-streaming shopping on consumer's perceived risk and purchase intention in China</p>	<p><b>Shinohara</b> - How do policies make to promote the Internet adoption? A study of SDGs in developing countries.</p> <p><b>Perez, Hernandez-Gil &amp; Peña</b> - Assessing the relationship between the ICT development and the achievement of the Sustainable Development Goals in Europe using regression models: policy implications</p> <p><b>Rowell, Hertanto &amp; Mathur</b> - Time use, connectivity, and Internet adoption – Socio-economic impacts on Canadian communities, 2011-2020</p>	<p><b>Edquist</b> - The Economic Impact of Mobile Broadband Speed</p> <p><b>Jeanjean &amp; Liang</b> - Impact of RAN sharing on prices and consumer welfare</p> <p><b>Griffin, Joseph, Lyons, Domhnaill &amp; Mohan</b> - Intra-operator mobile plan switching: Evidence from linked survey and billing data</p>	<p><b>Steudner</b> – The effect of positive feelings and arousal levels on privacy decisions</p> <p><b>Fast, Sachs &amp; Schnurr</b> - Privacy decision-making in digital markets: Eliciting individuals' preferences for transparency</p> <p><b>Shi, Winter &amp; Zhang</b> - Governance of Privacy Protection: How Laws Will Be Adapted to Address New Technologies</p> <p><b>Fernández-Bonilla, Cuadrado-Gallego &amp; Gijón</b> – Spanish perception of personalised online advertising</p>

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Afternoon parallel sessions. 14.00 – 15.30 Central European Time (CET)

Covid 2 - Education	New services & innovations	Financial services	Spectrum
<p><b>Domhnaill, Mohan &amp; McCoy</b> - Student engagement in remote secondary schooling during COVID-19 and high-speed broadband availability</p> <p><b>Nikou, Kim, Lim &amp; Maslov</b> - Finnish and Korean students' satisfaction with e-Learning during the COVID-19 pandemic</p> <p><b>Payton &amp; Gomez Auriol</b> - Exploring a Mandatory Adoption Model of Online Learning During Crises and the Digital-Educational Divide: Evidence from the Covid-19 Pandemic</p> <p><b>Cheng</b> - The role of synchronous online classes in helping university students to cope with COVID-19 distress</p>	<p><b>Gerli, Navio-Marco &amp; Whalley</b> - Defining and designing smart villages: a systematic review of academic and grey literature</p> <p><b>Thai, Dang, Falch, Xuan &amp; Thu</b> - Sustainability of telecentres in developing countries: an analysis from Vietnam</p> <p><b>Taş, Brause, Stocker &amp; Wiewiorra</b> - Who cares to share? Exploring the sharing economy in Germany</p> <p><b>Axenbeck &amp; Niebel</b> - Climate protection potentials of digitalized production processes: Micro-econometric evidence?</p>	<p><b>Cuadrado-Gallego, De la Vega &amp; Gijón</b> - Satisfaction with online banking in Spain</p> <p><b>Estrella &amp; Kwon</b> - What bothers individual users of crypto-assets for remittances?</p> <p><b>Noam</b> - The macro-economics of cryptocurrencies: private moneys and monetary policy</p>	<p><b>Potgieter &amp; Howell</b> - Spectrum shortage and merger by any other name in South Africa</p> <p><b>Frieden</b> - Win, Lose and Draw: Outcomes from the 2019 World Radio Conference</p> <p><b>Longstaff</b> - The Rules of the Road for Space: Telecom Research</p>

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Broadband 1	Artificial Intelligence	Content markets	Ethics and digital technologies	Platforms 1
<p><b>Liang</b> - Does FTTH coverage favour business creation?</p> <p><b>Tenbrock &amp; Wernick</b> - Drivers and barriers for commercial FTTH wholesale of alternative competitors - a case study-oriented analysis</p> <p><b>Briglauer, Cambini, Gugler &amp; Stocker</b> - Net neutrality and high-speed broadband networks: Evidence from OECD countries</p>	<p><b>Shin</b> - The effects of explainability on perception, trust, and acceptance: Implications for explainable AI</p> <p><b>Ahmed</b> - A gender perspective on the use of Artificial Intelligence in Africa's FinTech industry: Case studies from South Africa, Kenya, Nigeria and Ghana</p> <p><b>Saito</b> - Study on the requirements for AI development and operation ethics centered on children</p> <p><b>Horstmann, Kraemer &amp; Schnurr</b> - Competing with Artificial Intelligence in Digital Markets: The Impact of Continuous Time and Learning Algorithms</p>	<p><b>Kawy, Henten &amp; Tadayoni</b> - Prospects of broadcasters in new audio-visual markets</p> <p><b>Nam &amp; Jung</b> - Examining fan participation in the digital media: Fans' transcreation of webtoons</p> <p><b>Park, Lee &amp; Wang</b> - Korean original contents vs. universal original contents from U.S.: Netflix's local market strategy perspective</p> <p><b>Feijoo, Armuña, Ramos &amp; Arenal</b> – Performers in digital music markets: interactivity, personalization and intellectual property rights</p>	<p><b>Schoentgen</b> - Ethical issues in digital technologies</p> <p><b>Janssen &amp; Sadowski</b> - Bias in Algorithms: On the trade-off between accuracy and fairness</p> <p><b>Wang</b> - How will users respond to the adversarial noise that prevents the generation of deepfakes?</p> <p><b>Falch</b> - Surveillance capitalism as a new techno-economic paradigm</p>	<p><b>Kolleck &amp; Teubner</b> - The role of network effects during platform launches: The Case of Airbnb</p> <p><b>Haouel, Aslan, Nemeslaki &amp; Somogyi</b> - Direct network externalities and dynamics of two-sided platforms</p> <p><b>Ha, Kim &amp; Park</b> - Research trends and future direction in the academic research on platform</p>

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Platforms 2	The application of ICT in different sectors	PANEL SESSION
<p><b>Dalvi &amp; Rao</b> - Superstar tech giants and antitrust</p> <p><b>Prado</b> – Assessing the market power of digital platforms</p> <p><b>Ghorbanianzolbin &amp; Nikou</b> - The impact of elderly people health literacy on the use of digital health service platforms: A systematic literature review</p> <p><b>Verfaillie, Van der Wee &amp; Verbrugge</b> - Comparative analysis of existing multi-sided digital platform initiatives</p>	<p><b>Degrande, Vannieuwenborg, Verbrugge &amp; Colle</b> - Societal Benefits of Cooperative Intelligent Transport Systems: overpromise, underdeliver?</p> <p><b>Kapatamoyo &amp; Mbumwae</b> - Knowledge networks and knowledge capabilities: Towards big data adoption in Zambia</p> <p><b>Apanasevic &amp; Rudmark</b> - Crowdsourcing and public transportation: barriers and opportunities</p>	<p><b>What are the potential and challenges for next generation mobile networks?</b></p> <p>Moderator: Dr Volker Stocker, TU Berlin &amp; WBI, Berlin, Germany</p> <p>Panellists:</p> <p>Professor Erik Bohlin, Chalmers University of Technology, Gothenburg, Sweden</p> <p>Dr Zoraida Frias, Universidad Politécnica de Madrid, Madrid, Spain</p> <p>Dr William Lehr, MIT, Cambridge, USA</p> <p>Professor Christopher Yoo, University of Pennsylvania, Philadelphia, USA</p>

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Fibre 2 – Investments & costs	Innovation and ICT applications	OTT and the app economy	Data & information 1	Mobile 2 - 5G
<p><b>Cadman, Exelby &amp; Curram</b> - The Determinants of Investment in VHCN: A System Dynamics Approach</p> <p><b>Zoz, Kulenkampff, Zuloaga, Ockenfels &amp; Plückebaum</b> - Costs of Very High Capacity Networks and Geographic Heterogeneity – A statistical assessment for Germany</p> <p><b>Beltran</b> - Reducing uncertainty in price regulation for fibre-based, open-access platforms</p> <p><b>Layton &amp; Potgieter</b> - Rural broadband and the unrecovered cost of streaming video entertainment</p>	<p><b>Gijón, Albarrán-Lozano &amp; Molina</b> - Perception of innovation in Spain</p> <p><b>Pereira &amp; Fife</b> - TeleHealth in theory versus practice: A comparative look at the United States and Singapore</p> <p><b>Lopez, Valarezo-Unda &amp; Perez</b> - Drivers and barriers to online learning adoption in Spain. Panel data 2008-2020</p> <p><b>Fernández-Bonilla, Navio-Marco &amp; Gijón</b> - Evolution of participation in online markets by enterprises after a pandemic</p>	<p><b>Lin</b> - Socialbot representations on cross-media platforms during 2020 Taiwanese presidential election: A big data research</p> <p><b>Hwang</b> - The impact of Google’s in-app commission fee changes on the local app ecosystem: A case study of Korea</p> <p><b>Lim</b> - Examining factors affecting local IPTV users’ intention to subscribe to global OTT service through their local IPTV service</p>	<p><b>Ozu &amp; Koguchi</b> - Value of personal health/medical data and potential of the personal health/medical data market</p> <p><b>Yoshimura, Jitsuzumi &amp; Koguchi</b> - Preferences for ‘personal data trust bank’ —An empirical analysis of services in the medical and health fields</p> <p><b>Apanasevic</b> - Socioeconomic effects and value of open data: A case from Sweden</p> <p><b>Andres &amp; Slivko</b> - Information diffusion in the digital society: The effect of hate speech regulation in Germany</p>	<p><b>Laitsou &amp; Katsianis</b> - Comparative Techno-Economic Evaluation of 5G mobile network deployments in different scale urban areas</p> <p><b>Matinmikko-Blue, Yrjölä, Ahokangas &amp; Hämmäinen</b> - Analysis of 5G spectrum awarding decisions: How do different countries consider emerging local 5G networks?</p> <p><b>Rendon Schneir, Bradford, Ajibulu, Pearson, Konstantinou, Osman &amp; Zimmermann</b> – A 5G business case for an industrial sea port region</p> <p><b>Jurva, Matinmikko-Blue, Outila &amp; Merisalo</b> - Evolution paths of stakeholder oriented smart transportation system based on 5G</p>

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Evolving business models	Regulation	Broadband 2	Data & information 2	The structure of mobile markets
<p><b>Yang &amp; Kwon</b> – Estimating the effects of Covid-19 and 5G in the submarkets of Internet and mobile shopping</p> <p><b>Feijoo, Arenal, Armuña &amp; Ramos</b> - An examination of business models in music streaming services: from big pool to alternative models</p> <p><b>Prado</b> – Kill zones? Effects of big tech start-up acquisition on innovation</p> <p><b>Gerli, Sadowski &amp; Whalley</b> - Fostering public value through business model experimentation: An empirical analysis of best-practice in the European Broadband Awards</p>	<p><b>Cherry</b> - The legal battle over telecommunications service classification in the U.S.: From network neutrality to voice-over-internet protocol service</p> <p><b>Alleman</b> - Antitrust and the Internet Market: The Bork Hoax</p> <p><b>Vuong &amp; Baranes</b> - A model of international roaming policy and competition in the European mobile markets</p>	<p><b>Stocker, Knieps &amp; Dietzel</b> - Internet interconnection, ecosystem fragmentation — Towards a conceptual foundation of generalized virtual networks</p> <p><b>Hudson &amp; McMahon</b> – Beyond funding barriers to extending rural and remote broadband</p> <p><b>Hasbi &amp; Bohlin</b> – Impact of broadband quality on media income and unemployment: Evidence from Sweden</p>	<p><b>Orrensalo &amp; Nikou</b> - The impact of digitalisation in entrepreneurs' information-seeking behaviours: A systematic literature review</p> <p><b>Agahari, Petronia &amp; de Reuver</b> - Leveraging the value of privacy-preserving technologies in the data economy: A quantitative study on the impact of multi-party computation on firms' willingness to share sensitive data in supply chains</p> <p><b>Krämer &amp; Schnurr</b> - Data and contestability in digital markets: How should data access be regulated?</p>	<p><b>Bielov, Mitomo &amp; Hämmäinen</b> - Efficiency frontier of world MNOs: Multinational vs domestic</p> <p><b>Ueda</b> - A study on the optimal number of mobile carriers: discussion of magic number - three or four</p> <p><b>Tyagi</b> – The general court reverses Commission's decision in H3G UK/Telefonica UK: Proposing a 'Fruits in a Bowl' approach to determine the competitive effects of mergers</p> <p><b>Whalley, Curwen &amp; Vialle</b> - The changing face of mobile tower provision: An analysis of recent deals</p>