

Monday 21st June 2021

Morning parallel sessions. 10.30 – 12.00 CET

Covid 1	Electronic commerce	Content markets	Mobile 1	Privacy
<p>Berdibayev and Youngsun Kwon - 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>Mitomo, Kamplean & Otsuka - Ineffectiveness of the COVID-19 Tracking and Tracing Application in Japan</p> <p>Tsuji & Taher - Transformation of Japanese Digital Health caused by COVID-19: With and after Corona Pandemic</p> <p>Bonilla, Gallego & Gijón - Cybersecurity after Covid-19 in Spain</p>	<p>Fujisawa & Kasuga - How do durable goods firm combine online and mass media advertisement to promote sales?</p> <p>Chattopadhyay - Learnings from e-commerce adoption behaviour of Generation-Z in New Delhi, India</p> <p>Hu, Liu & Yan - Should I scan my face? The influence of perceived value and trust on Chinese users' intention to use facial recognition payment</p> <p>Song & Liu - The effect of live-streaming shopping on consumer's perceived risk and purchase intention in China</p>	<p>Kawy, Henten & Tadayoni - Prospects of broadcasters in new audio-visual markets</p> <p>Nam & Jung - Examining fan participation in the digital media: Fans' transcreation of webtoons</p> <p>Feijoo, Armuña, Ramos & Arenal – Performers in digital music markets: interactivity, personalization and intellectual property rights</p> <p>Park, Lee & Wang - Korean original contents vs. universal original contents from U.S.: Netflix's local market strategy perspective</p>	<p>Edquist - The Economic Impact of Mobile Broadband Speed</p> <p>Jeanjean & Liang - Impact of RAN sharing on prices and consumer welfare</p> <p>Mohan, Griffin & Lyons - High-speed broadband availability in Ireland and consumer choice in mobile subscriptions</p>	<p>Steudner - Are Privacy Decisions Affected by Unrelated Positive Feelings and Arousal Levels?</p> <p>Lin & Guo - eID implementation and controversies about data privacy and security in Taiwan: Social-technical system perspectives</p> <p>Fast, Sachs & Schnurr - Privacy decision-making in digital markets: Eliciting individuals' preferences for transparency</p> <p>Shi, Winter & Zhang - Governance of Privacy Protection: How Laws Will Be Adapted to Address New Technologies</p>

Monday 21st June 2021

Afternoon parallel sessions. 14.00 – 15.30 CET

Covid 2 - Education	New services & innovations	Financial services	Spectrum	Platforms 1
<p>Domhnaill, Mohan & McCoy - Student engagement in remote secondary schooling during COVID-19 and high-speed broadband availability</p> <p>Maslov, Nikou, Kim & Lim - Finnish and Korean students' satisfaction with e-Learning during the COVID-19 pandemic</p> <p>Cheng - The role of synchronous online classes in helping university students to cope with COVID-19 distress</p> <p>Payton & Gomez Auriol - Exploring a Mandatory Adoption Model of Online Learning During Crises and the Digital-Educational Divide: Evidence from the Covid-19 Pandemic</p>	<p>Gerli, Navio-Marco & Whalley - Defining and designing smart villages: a systematic review of academic and grey literature</p> <p>Thai, Dang, Falch, Xuan & Thu - Sustainability of telecentres in developing countries: an analysis from Vietnam</p> <p>Taş, Brause, Stocker & Wiewiorra - Who cares to share? Exploring the sharing economy in Germany</p> <p>Axenbeck & Niebel - Climate protection potentials of digitalized production processes: Micro-econometric evidence?</p>	<p>Gallego, De la Vega & Gijón - Satisfaction with online banking in Spain</p> <p>Estrella & Kwon - What bothers individual users of crypto-assets for remittances?</p> <p>Noam - The macro-economics of crypto-currencies: private moneys and monetary policy</p>	<p>Potgieter & Howell - Spectrum shortage and merger by any other name in South Africa</p> <p>Frieden - Win, Lose and Draw: Outcomes from the 2019 World Radio Conference</p> <p>Longstaff - The Rules of the Road for Space: Telecom Research</p>	<p>Dalvi & Rao - Superstar tech giants and antitrust</p> <p>Prado – Assessing the market power of digital platforms</p> <p>Ghorbanianzolbin & Nikou - The impact of elderly people health literacy on the use of digital health service platforms: A systematic literature review</p> <p>Verfaillie, Van der Wee & Verbrugge - Comparative analysis of existing multi-sided digital platform initiatives</p>

Tuesday 22nd June 2021

Morning parallel sessions. 10.30 – 12.00 CET

Fibre 1	Artificial Intelligence	Societal benefits?	Ethics and digital technologies	Platforms 2
<p>Liang - Does FTTH coverage favour business creation?</p> <p>Stenbrock & Wernick - Drivers and barriers for commercial FTTH wholesale of alternative competitors - a case study-oriented analysis</p> <p>Ferrandis, Ramos & Feijóo - High-speed broadband in rural areas in the EU: alternatives to reduce the investment gap</p>	<p>Shin - The effects of explainability on perception, trust, and acceptance: Implications for explainable AI</p> <p>Ahmed - A gender perspective on the use of Artificial Intelligence in Africa's FinTech industry: Case studies from Kenya, Ghana and South Africa</p> <p>Saito - Study on the requirements for AI development and operation ethics centered on children</p> <p>Horstmann, Kraemer & Schnurr - Competing with Artificial Intelligence in Digital Markets: The Impact of Continuous Time and Learning Algorithms</p>	<p>Parcu, Silvestri & Carrozza - SSO vs silos models of digital innovation: Which yields the greatest benefits for society</p> <p>Shinohara - How do policies make to promote the Internet adoption? A study of SDGs in developing countries.</p> <p>Martinez, Hernandez-Gil & Lopez - Assessing the relationship between the ICT development and the achievement of the Sustainable Development Goals in Europe using regression models: policy implications</p> <p>Rowsell, Hertanto & Mathur - Time use, connectivity, and Internet adoption – Socio-economic impacts on Canadian communities, 2011-2020</p>	<p>Schoentgen - Ethical issues in digital technologies</p> <p>Janssen & Sadowski - Bias in Algorithms: On the trade-off between accuracy and fairness</p> <p>Wang - How will users respond to the adversarial noise that prevents the generation of deepfakes?</p> <p>Falch - Surveillance capitalism as a new techno-economic paradigm</p>	<p>Kolleck & Teubner - The role of network effects during platform launches: The Case of Airbnb</p> <p>Haouel, Aslan, Nemeslaki & Somogyi - Direct network externalities and dynamics of two-sided platforms</p> <p>Seungyeon Ha, Jong Pyo Kim and Yu Jun Park - Research trends and future direction in the academic research on platform</p>

Tuesday 22nd June 2021

Afternoon parallel sessions. 14.00 – 15.30 CET

Covid 3	Transportation & ICT	Big data	PANEL SESSION
<p>Bonilla, De la Vega & Gijón - Study on the impact of Covid-19 in e-commerce and e-government</p> <p>Grishchenko - Inverted digital divide during the Covid-19 pandemic and beyond: Evidence from the EU countries</p> <p>Pang & Lin - Data citizenship in a time of COVID-19: Comparative perspectives from Singapore and Taiwan</p> <p>Bonilla, Marco & Gijón - Evolution of participation in online markets by Enterprises after a pandemic</p>	<p>Degrande, Vannieuwenborg, Verbrugge & Colle - Societal Benefits of Cooperative Intelligent Transport Systems: overpromise, underdeliver?</p> <p>Apanasevic & Rudmark - Crowdsourcing and public transportation: barriers and opportunities</p> <p>Sobolewski - Applying price and quality based hypothetical monopolist test to zero price digital services. The case of navigation apps and location-based services</p>	<p>Lin & Hsu - Socialbot representations on cross-media platforms during 2020 Taiwanese presidential election: A big data research</p> <p>Kapatamoyo & Mbumwae - Knowledge networks and knowledge capabilities: Towards big data adoption in Zambia</p>	<p>What are the potential and challenges for next generation mobile networks?</p> <p>Moderator: Dr Volker Stocker, TU Berlin & 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>

Wednesday 23rd June 2021

Morning parallel sessions. 10.30 – 12.00 CET

Fibre 2 – Investments & costs	Innovation and ICT applications	OTT	Data & information 1	Mobile 2 - 5G
<p>Cadman, Exelby & Curram - The Determinants of Investment in VHCN: A System Dynamics Approach</p> <p>Zoz, Kulenkampff, Zuloaga, Ockenfels & Plückebaum - Costs of Very High Capacity Networks and Geographic Heterogeneity – A statistical assessment for Germany</p> <p>Beltran - Reducing uncertainty in price regulation for fibre-based, open-access platforms</p> <p>Layton & Potgieter - Rural broadband and the unrecovered cost of streaming video entertainment</p>	<p>Gijón, Albarrán-Lozano & Molina - Perception of innovation in Spain</p> <p>Garcia-Murillo & Macinnes - Technology policy and systemic frictions in the U.S. social insurance system</p> <p>Pereira & Fife - TeleHealth in theory versus practice: A comparative look at the United States and Singapore</p> <p>Lopez, Valarezo-Unda & Perez - Drivers and barriers to online learning adoption in Spain. Panel data 2008-2019</p>	<p>Hwang - The impact of Google’s in-app commission fee changes on the local app ecosystem: A case study of Korea</p> <p>Ha - Analysis on Korean OTT consumers’ reviews in app store</p> <p>Lim - Examining factors affecting local IPTV users’ intention to subscribe to global OTT service through their local IPTV service</p> <p>Jirakasem - The determinants of OTT communication services adoption in Thailand: A survey from 2009-2018</p>	<p>Atsushi & Koguchi - Value of personal health/medical data and potential of the personal health/medical data market</p> <p>Yoshimura, Jitsuzumi & Koguchi - Preferences for ‘personal data trust bank’ —An empirical analysis of services in the medical and health fields</p> <p>Apanasevic - Socioeconomic effects and value of open data: A case from Sweden</p> <p>Andres & Slivko - Information diffusion in the digital society: The effect of hate speech regulation in Germany</p>	<p>Laitsou & Katsianis - Comparative Techno-Economic Evaluation of 5G mobile network deployments in different scale urban areas</p> <p>Matinmikko-Blue, Yrjölä, Ahokangas & Hämmäinen - Analysis of 5G spectrum awarding decisions: How do different countries consider emerging local 5G networks?</p> <p>Rendon Schneir, Bradford, Ajibulu, Pearson, Konstantinou, Osman & Zimmermann – A 5G business case for an industrial sea port region</p> <p>Jurva, Matinmikko-Blue, Outila & Merisalo - Evolution paths of stakeholder oriented smart transportation system based on 5G</p>

Wednesday 23rd June 2021

Afternoon parallel sessions. 14.00 – 15.30 CET

Evolving business models	Regulation	Broadband	Data & information 2	The structure of mobile markets
<p>Feijoo, Arenal, Armuña & Ramos - An examination of business models in music streaming services: from big pool to alternative models</p> <p>Prado – Kill zones? Measuring the impact of big tech acquisitions on venture capital activity</p> <p>Gerli, Sadowski & Whalley - Fostering public value through business model experimentation: An empirical analysis of best-practice in the European Broadband Awards</p>	<p>Cherry - The legal battle over telecommunications service classification in the U.S.: From network neutrality to voice-over-internet protocol service</p> <p>Alleman - Antitrust and the Internet Market: The Bork Hoax</p> <p>Tyagi & Tyagi - The General Court reverses the Commission's Decision in H3G UK/Telefónica UK: The 'Gap' where the 'SIEC' Ship Sunk</p> <p>Vuong & Baranes - A model of international roaming policy and competition in the European mobile markets</p>	<p>Briglauer, Cambini, Gugler & Stocker - Net neutrality and high-speed broadband networks: Evidence from OECD countries</p> <p>Stocker, Knieps & Dietzel - Internet interconnection, ecosystem fragmentation — Towards a conceptual foundation of generalized virtual networks</p> <p>Hudson & McMahon – Beyond funding barriers to extending rural and remote broadband</p> <p>Hasbi & Bohlin – Impact of broadband quality on media income and unemployment: Evidence from Sweden</p>	<p>Orrensalo & Nikou - The impact of digitalisation in entrepreneurs' information-seeking behaviours: A systematic literature review</p> <p>Agahari, Petronia & de Reuver - 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>Krämer & Schnurr - Data and contestability in digital markets: How should data access be regulated?</p>	<p>Bielov, Mitomo & Hämmäinen - Efficiency frontier of world MNOs: Multinational vs domestic</p> <p>Whalley & Curwen - The changing face of mobile tower provision: An analysis of recent deals</p> <p>Ueda - A study on the optimal number of mobile carriers: discussion of magic number - three or four</p> <p>Griffin, Joseph, Lyons, Domhnaill & Mohan - Consumer inertia in mobile subscriptions: evidence from Ireland</p>