



## 5G Challenges and Opportunities for Innovation in Broadband Multimedia and Broadcasting

DRAFT PROGRAMME

**IEEE - BTS YP – Uxbridge Day 1: 15 April 2019**

Time	Topic
09.00 -9.30	Registration
09.30 -9.45	Welcome
9.45 – 10.30	Wout Joseph, Gent University Welcome from IEEE-BTS YP
10.15 -11.00	John Cosmas, Brunel University 5G mmWave and VLC Building Network Architecture: First Results from the IoRL Project
11.00-11.15	Coffee
11.15 – 12.00	Ayan Ghosh , British Telecom Aerial Communication
12.00 – 12.45	David Gomez-Barquero, Universitat Politecnica de Valencia 5G Challenges and Opportunities for Multimedia Innovation: Media Engagement and Content Production
12.45 – 14.00	Lunch
14.00 -14.45	Maarten Wijnants, Universiteit Hasselt Innovative media experiences afforded by 5G's low latency and high throughput promises
14.45 -15.30	Wei Li, Viavi UK A Software Define Radio (SDR) Based 5G NR UE Emulator Design
15.30 – 15.45	Coffee
15.45 -16.30	Gabriel-Miro Muntean, Dublin City University Rich Media Content Delivery in 5G Network Environments
16.30 – 17.15	Pavlos Lazaridis, University of Huddersfield 5G antenna optimisation tools'
17.15 – 17.45	Discussion

**18.30pm – Conference dinner tba**

## Day 2 16<sup>th</sup> April 2019

Time	Topic
9.15 – 9.30	Introduction
9.30 -10.15	Stuart Revell, University of Surrey 5G Use Cases - Innovation opportunities and 5GIC University of Surrey test bed capability
10.15 – 11.00	Sana Salous, Durham University Millimetre wave band for 5G
11.00 -11.15	Coffee
11.15- 12.00	Giuseppe Araniti, Mediterranea University of Reggio Calabria Key Aspects for the Efficient Management of Group-Oriented Services in 5G Networks
12.00 – 12.45	Xun Zhang, Visible Light Based indoor location estimation in line with 5G network Location Based Service
12.45 – 14.00	Lunch
14.00-14.45	Cristina -Miro -Muntean, National College of Ireland Quality Assessment of Multimedia Delivery in 5G Network
14.45 -15.30	Maurizio Murrone University of Cagliari QoE for advanced broadcast services
15.30 – 15.45	Coffee and Close
15.45	Close