

Wednesday 15th May 2019		
Special Sessions on Next Generation of Wireless Systems		
Special Session - Key Innovations Beyond 5G		
Session 1		
Session Chair: Dr. Hendrik Berndt		
09.00 - 09.30	Beyond 5G in the next European Research Programme	Bernard Barani, Deputy Head of Unit - Future Connectivity Systems, European Commission
09.30 - 10.00	Empowering Transatlantic Platforms for Advanced Wireless Research	Dr Alain Mourain, InterDigital
10.00 - 10.30	Wireless Beyond the Shannon Limit	Prof. Izzat Darwazeh, University College London
10.30 - 10.50	Coffee Break	
Session 2		
Session Chair: Prof. Seiichi Sampei		
11.10 - 11.30	5G Evolution and Beyond - Real and Future -	Dr. Yoshihisa KISHIYAMA, 5G Laboratories, R&D Innovation Division, NTT DOCOMO, Inc.
11.30 - 11.50	Implementing IPv6 over 5G networks	Sureswaran Ramadass, Professor Emeritus (Internet Engineering) Malaysia University of Science and Technology, Chief Scientist, Northern Lights.
11.50 - 12.10	Technical Trend of Access Infrastructure for Accommodating Mobile Traffic toward Beyond-5G Era	Dr. Kosuke NISHIMURA, Senior Manager, Optical Access Network Laboratory, KDDI Research, Inc.
11.50 - 12.30	Debate: Is 6G Needed or is it a Researchers' Dream?	Panelist: all morning speakers
12.30-13.30	Lunch Break	
Parallel Sessions for Working Groups		
	WG A/B	WG D
	WG Chair: Knud Erik Skouby	WG Chair: Angeliki Alexiou
13.30 - 14.00	KE Skouby, New ICT Technologies for Developing Countries - a new WWRF book	Prof. Mohamed-Slim Alouini (King Abdullah University of Science and Technology, Saudi Arabia), Large Intelligent Surfaces Assisted MIMO - A Vision for 6G Wireless Communication Systems (INVITED)
14.00 - 14.30	Bruno von Niman, A User-centred Terminology for Existing and Upcoming ICT Devices, Services and Applications	Professor Timothy O'Farrell, UK, Tunable, Concurrent, Tri-band Single Chain Radio Receiver for 5G RANs

14.30 - 15.00	LeneSørensen, Samant Khajuri, KE Skouby, Draft of Outlook on Security/ Privacy in 5G	Prof. Megumi Kaneko, Prof. Mohamed-Slim Alouini (King Abdullah University of Science and Technology, Saudi Arabia), NOMA-based Fog-RAN: Opportunities and Challenges
15.00 - 15.30	Coffee Break	
	WG A/B	WG D/HF
	WG Chair: Knud Erik Skouby	WG Chair: Angeliki Alexiou
15.30 - 16.00	Giovanni Gasbarrone, 5G Business Modelling	Prof. Mohamed-Slim Alouini, Konpal Shaukat Ali (King Abdullah University of Science and Technology, Saudi Arabia), Channel Disparity in Non-Orthogonal Multiple Access (NOMA)
16.00 - 16.30	Peter Lindgren, KE Skouby, Future Technologies for Multi Business model Innovation	Hadi Sardeddeen, (King Abdullah University of Science and Technology, Saudi Arabia), Terahertz-Band Ultra-Massive MIMO Spatial Modulation
16.30 - 17.00	Millennials & 5G, Views from India & Russia	Onur Sahin Interdigital, UK, Next generation Channel Coding Towards Tb/s Wireless Communication – The European EPIC Project
Thursday 16th May 2019		
Plenary Session 3		
Session Chair: Vinod Kumar		
9.00 - 9.45	Launch of WAI white paper	Dr Sudhir Dixit
9.45 - 10.15	Next Generation ICT Technologies - Handbook on ICT in Developing Countries vol.2	Prof. Knud Erik Skouby (Aalborg University, Denmark)
10.15 -10.40	THz fixed wireless links for future mobile networks (INVITED)	Prof. Tetsuya Kawanishi,(Waseda University, Tokyo, Japan), Thomas Kuerner (TU Braunschweig, Germany)

10.40 -11.00	Coffee Break	
Parallel Sessions for working groups		
	WG C	VIP Connected Vehicles
	WG Chair: Dr Sudhir Dixit	WG Chair: Seshadri Mohan
11.00 - 11.15	Giovanni Rigazzi, InterDigital, A Distributed Fog/Edge Solution for Enhanced 360-degree Video Streaming	Deepak G. C., and Christos Politis, School of Computer Science and Mathematics, Kingston University, London, KT1 2EE, United Kingdom - Heterogeneous Radio Connectivity for the Efficient, Internet-of-Vehicles in Future Networks
11.15.-11.30	Agata Manolova, et al, Technical University of Sofia, Bulgaria, Holoportation of human avatars: Combining 3D imaging and haptics to enable multi-modal communications in 5G	Nuwan Weerasinghe, Alexandros Ladas, Deepak G. C., Eckhard Pfluegel and Christos Politis, Wireless Multimedia Networking (WMN) Research Group Kingston University London, United Kingdom - Efficient Secure Communication in VANET with Certificate-less Key Sharing Scheme
11:30 - 12:00	Network Slicing White paper discussion	Discussion VIP CC White Paper - Seshadri Mohan
12:00 - 12:15	Discussion on next white paper on "Multisensory Communication"	Review of recent liaison statements and response - Sheshadri Mohan
12.15-13.30	Lunch Break	
	VIP Railways	HF/EVAL
	Chair: Dr. Hendrik Berndt	WG Chair: Angeliki Alexiou
13.30 - 14.00	VIP Railways - Presetation by Dr. LEE, HyeonWoo,	ITRI IMT Evaluation Activities. - Brain Tzu-Ming Lin, ITRI
14.00 - 14.30		Discussion on ITU EVAL GROUP activities
14.30 - 15.00		
15.00-15.30	Coffee Break	
15.30-17.00	activities & Closing Session, invitation to next meeting	

