Networld2020 Annual Event and General Assembly 2016

Bedford Hotel, Brussels,
April 19, 2016

Opening session – plenary I	
9:00 - 10:45	- Welcome and Opening, Werner Mohr, NetWorld2020 SB Chair - Horizon 2020 towards 5G, Mario Campolargo, Director Net Futures EU Commission - ITU-R towards WRC 2019, Colin Langtry, Chief, Study Groups Department, Radiocommunication Bureau, ITU - Standardization roadmap towards 5G, Giovanni Romano, 3GPP RAN Vice-Chairman - White paper „5G empowering vertical industries", Jean-Sebastien Bedo, Chair 5G PPP Vision Group - Activity report, explanation of intended changes in the overall governance model in Networld2020 and 5G PPP, Werner Mohr, NetWorld2020 SB Chair
10:45 - 11:15	Coffee break & networking
Plenary session II	
11:15 - 12:30	Requirements from vertical sectors on 5G systems - Alain Servel, Peugeot Citroen, vertical sector Automotive - Gilles Robichon, IoTC360, vertical sector speaker Energy - Christoph Thümmler, TU Munich, vertical sector eHealth - Wouter Haerick, iMinds, vertical sector Manufacturing / Factories of the Future - Clemens Kunert, Institut für Rundfunktechnik, vertical sector media & entertainment
12:30 – 13:45	Lunch break & networking
Parallel sessions	
13:45 – 15:45	**Track 1**	**Track 2**
13:45 – 14:45	Session 1a **"5G Tests"** Organiser: Egon Schulz 5TONIC: Building Pan-European Testbeds for 5G Leadership. Arturo Azcorra, IMDEA Networks	Session 2a **"Satellite and mobile integration"** Organiser: Christophe Nussli 5G NORMA: 5G Mobile Network Architecture. Peter Rost, Nokia

	Institute	• SANSA H2020: Key Components for a hybrid backhaul system; Miguel Ángel Vázquez , CTTC
	• Mobile Radio Core Network Evolution for 5G. Artur Hecker, Huawei, Munich	• Potential impacts of 5G enabling technologies on Satellite design & operational concepts; Christophe Nussli, Thales Alenia Space
	• Bristol Is Open Massive MIMO Test Bed. Mark Beach, University of Bristol	
	• Oulu Open 5G Network for Testing Verticals. Matti Latva-aho, University of Oulu	
	• Experimentation for 5G RAN verticals. Panagiotis Demestiches, University of Piraeus	
14:45 – 15:45	Session 1b **"5G PPP projects"** Organiser: Uwe Herzog, supported by Thomas Walter and Mustafa Ergen • 5G-XHaul: Transport Requirements of 5G Networks. Jens Bartelt, TU Dresden • 5G-ENSURE: Security enablers for 5G. Petteri Mannersalo, VTT Technical Research Centre of Finland • SPEED-5G: QoS and Capacity Expansion through Extended Dynamic Spectrum Access for 5G. Uwe Herzog, Eurescom • COHERENT: Towards a software defined control framework for 5G mobile networks. Tinku Rasheed, CREATE-NET • CogNet: Managing an adaptive wireless signal coverage system for connected cars. Robert Mullins, Waterford Institute of Technology, TSSG • 5G-Crosshaul: An SDN/NFV based control plane for the integrated fronthaul/backhaul 5G transport network. Raul Muñoz, CTTC • SELFNET: Experimental	Session 2b **"Virtualizing 5G for Verticals and Multitenancy"** Organiser: Arturo Azcorra and Josep Martrat • OSM: Down-to-Business Open-Source NFV Orchestration, Diego Lopez, Telefonica I+D • Solving the 5G Resource Orchestration Puzzle: Towards Application Diversity at the Edge, Tinku Rasheed, CREATE-NET • Service Programming and Orchestration in the 5G Era, Johannes Lessmann, NEC Eurolabs • Virtualization and Control in Multi-Provider Environment: the 5G Exchange approach, Robert Szabo, Ericsson Hungary

	experience of SDN/NFV integration in SELFNET. Ricardo Preto, Ubiwhere • FANTASTIC-5G: Highway to Affordable Multi-service Support in 5G through Flexible in-band Coexistence. Gerhard Wunder, FhG HHI • mmMAGIC: Enabling Mobile Radio Access for 5G in 6-100 GHz. Mehrdad Shariat, Samsung R&D UK	
15:45 – 16:15	Coffee break & networking

Closing session – plenary III

16:15 – 16:45	Summary remarks, Werner Mohr, NetWorld2020 SB Chair • Explanation of intended changes in the overall governance model in Networld2020 and 5G PPP • Future plans