

WIRELESS WORLD RESEARCH FORUM

WWRF 37, "New Businesses empowered by 5G" 5th - 7th October 2016 at the University of Kassel		
Wednesday 5th of October 2016 (Day 1)		
08:00 - 09:00 Registration		
<u>Opening Session and Keynote - Prof. Klaus David (Univ. Kassel, Germany) (room -1606)</u>		
09:00 - 09:10 Welcome and Introductory Remarks		
09:10 - 09:20 Welcome by the local host, Prof. Klaus David (Univ. Kassel, Germany)		
09:20 - 09:30 WWRF Overview – Dr. Nigel Jefferies, WWRF Chairman		
09:30 - 10:00 5G Mobile Communications - Key Enabling Technologies and Recent R&D Results - Dr. Howard Benn (Samsung)		
10:00 - 10:30 Basic Internet Access for All to Bridge Digital Divide and toward Digital Inclusion - Dr. Sudhir Dixit (Skydoot, Inc and Basic Internet Foundation)		
10:30 - 11:00 Societal impact of 5G - Dr. Werner Mohr (Nokia)		
11:00 - 11:30 break		
<u>Session – connected vehicles - Peter Vermaat (TRL) (room -1606)</u>		
11:30 - 11:55 Presentation of the VIP White Paper - Peter Vermaat (TRL)		
11:55 - 12:20 Millimetre-Wave Networks for Vehicular - Dr. Andrea Tassi (Univ. Bristol, UK)		
12:20 - 12:45 ITS-G5 Challenges and 5G Solutions for Vehicular Platooning, Ibrahim Rashdan (DLR)		
12:45 - 13:10 Privacy and Connected Vehicles - Dr. Rajen Akalu (Univ. Ontario, Canada)		
13:10 - 14:10 lunch break		
<u>Parallel Sessions for working groups</u>		
14:10 - 15:40	Working group Connected vehicles Peter Vermaat (TRL) (room -1606) 14:10 – 14:35 Architecture, Technologies and Use Cases for 5G V2X Systems - Konstantinos Manolakis, Wen Xu (Huawei) 14:35 – 15:00 Certificate-less Secure Routing in Vehicular Ad-Hoc Networks: An Initial Study - Dr. Eckhard Pfluegel 15:00 – 15:40 Workshop session on cellular requirements for connected vehicles	Working group A/B Prof. Knud Erik Skouby (University of Aalborg, Denmark) (room -1607) 14:10 – 14:20 Intro, Knud Erik Skouby 14:20 – 14:45 Leveraging TV White Spaces as a Tool for improved Rural Broadband connectivity and inclusion in Ghana: from Operational Perspective - Alexander Osei-Owusu (CMI/ AAU) 14:45 – 15:10 The Economics of Security & Privacy - Samant Khajuria CMI/ AAU) 15:10 – 15:40 5G Business Models - Giovanni Gasparone (TIN)
15:40 - 16:00 coffee break		
16:00 - 18:00 <u>Tutorial Part 1: Key Technologies for 5G - Dr. Sudhir Dixit (Skydoot, Inc and Basic Internet Foundation), Dr. Vinod Kumar (room -1606)</u>		

Thursday 6th of October 2016 (Day 2)			
08:00 - 09:00	Registration		
<u>Session e/m- health - Prof. Christos Politis (Kingston University) (room -1606)</u>			
09:00 - 09:25	e/m-Health VIP White Paper - Prof. Christos Politis (Kingston University, UK)		
09:25 - 09:50	Requirements and User Acceptance for e/m-Health Systems under the 5G - Prof. Kostas Danas (École polytechnique Palaiseau, France)		
09:50 - 10:20	<u>Session - IMT-2020 Evaluation Process - Prof. Halim Yanikomeroglu (Carleton University, Canada) (room -1606)</u>		
10:20 - 10:40	break		
<u>Session Next generation Ethernet-based fronthaul/xhaul, Prof. Nathan Gomes (University of Kent) (room -1606)</u>			
10:40 - 11:00	The future of transport networks towards 5G - Dr. Philippe Sehier, Dr. Rudolf Winkelmann (Nokia Bell Labs)		
11:00 - 11:20	Fronthaul Standardisation in IEEE P1914.1 TF and the current Comcores vision - Bomin Li (Comcores/Chair IEEE P1914.1 TF)		
11:20 - 11:40	Key technical considerations for the path forward for C-RAN and vRAN - Dr. Philippe Chanclou (Orange)		
11:40 - 12:00	The high-speed fiber future mobile fronthaul - Dr. Klaus Grobe (ADVA)		
12:00 - 12:20	OAM and SON considerations for the future fronthaul/xhaul - Dr. Howard Thomas (Viavi)		
12:20 - 13:10	panel discussion with speakers (Moderated by Prof. Nathan Gomes)		
13:10 - 14:10	lunch break		
14:10 - 14:40	<u>Member Assembly /Election (room -1606)</u>		
<u>Parallel Sessions C for working groups</u>			
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18:15 Transfer to Social Event			
18:30 - 22:00 Social Event / conference dinner at "Kaskaden Wirtschaft"			
22:15 Transfer to City			

Friday 7th of October 2016 (Day 3)	
08:00 - 09:00	Registration
<u>Session - Internet of Things - Prof. Klaus David (room -1606)</u>	
09:00 - 09:30	IoT facilitated by Enocean: Technology, Applications and Business Cases - Markus Kreitmaier (EnOcean)
09:30 - 10:00	5G Standardisation for IOT - Dr. Vinod Kumar
10:00 - 10:10	break
<u>Session - Beyond 5G - Dr. Vinod Kumar (room -1606)</u>	
10:10 - 10:40	5G shape the future – AI inside, Dr. Huang Hua (Huawei)
10:40 - 11:10	Beyond 5G: Let's start talking 6G - Prof. Klaus David, Dr. Hendrick Berndt (Univ. Kassel)
11:10 - 11:30	break
11:30 - 13:00	<u>Tutorial Part 2: Key Technologies for 5G - Dr. Sudhir Dixit (Skydoot, Inc and Basic Internet Foundation), Dr. Vinod Kumar (room -1606)</u>
13:00 - 14:00	lunch break
<u>Closing Plenary - Dr. Nigel Jefferies (room -1606)</u>	
14:00 - 14:30	Working Group Reports
14:30 - 15:00	Final wrap up - Dr. Nigel Jefferies - WWRF Chairman
15:00 - 15:10	Friends from Taiwan