

Monday 28th May 2018		
Steering Board Meeting 10.00 - 5.00/Steering Board Dinner 7.00pm		
Tuesday 29th May 2018 (Day 1)		
5G Huddle		
Wednesday 30th May 2018 (Day 2)		
5G Huddle		
Thursday 31st May 2018 (Day 3)		
Opening Plenary Session 1		
Session Chair: Dr Hendrik Berndt		
09.00 - 09.10	WWRF Welcome	Dr Nigel Jefferies, Chair WWRF
09.10 - 09.20	CSIR Welcome	Dr Ntsibane Ntlatlapa, CSIR
09.20 - 09.50	5G Initiatives in South Africa	Mr Rubben Mahlaloga, Chairperson of ICASA
09.50 - 10.20	Broadband for All & 5G: Oxymoron or Complementary	Professor S. Maharaj (University of Pretoria) and Dr F. Mekuria (CSIR)
10.20 - 10.40	"Role of UNDP on Emerging 5G Technology Enabled Socio Economic Development"	Dr Nardos Bekele-Thomas, Country Co-ordinator, United Nations Development Program, Pretoria, South Africa.
10.40 - 11.10	Coffee Break	
Plenary Session 2 - Gobal Research on 5G and beyond		
Session Chair: Dr Fisseha Mekuria		
11.10 - 11.30	European 5GPPP Initiative	Dr Hendrik Berndt, Vice Chair WWRF EMEA
11.30 - 11.50	5G System Simulator	Dr Lee HyeonWoo on behalf of Prof Youngnam Han, KAIST
11.50 - 12.15	5G Testbed, Internet for All, WOAN	S. Dlamini, CSIR
12.15 - 12.35	Digital Signal Processing & Artificial Intelligence in Telecoms?	Prof. Bheki Twala, University of South Africa
12.35 - 13.00	Affordable Broadband & Use cases in 5G	Z. Du Toit, CSIR
13.00 - 14.00	Lunch Break	
Parallel Sessions for Working Groups 1		
	WGA/B	WGD/WG HF
	WG Chair: Prof. Knud Erik Skouby	WG Chair: Prof Angeliki Alexiou
14.00 - 14.15	Third Party Content and User Security on Facebook	Spectrum Sharing for 5G & Broadband for All, Gcina Dlodla, Luzango Mfupe, Fisseha Mekuria, University of Pretoria , South Africa
14.15 - 14.30	Enabling Relevant Use Cases in 5G for Emerging Economies	Dismantling Barriers to Hyperdense Network Deployments for 5G: Study Perspectives from the Global5G.org Project, Edward Mutafungwa, Aalto University, Finland
14.45 - 15.00	Exploring the Factors That Affect Personal Information Disclosure on Social Media	Machine-Learning-Based Base Station Association for Resource Allocation in 5G Heterogeneous Networks, M.M. Sande, University of Pretoria , South Africa
15.00 - 15.15	Update on Millennial WP - draft	New PHY/MAC techniques in the upcoming IEEE 802.11ay mmWave Wi-Fi standard , Alexander Maltsev, Intel, US
15.15 - 15.30	Draft for Security WP & 5G Business Models	Recent work on Massive MIMO, Seshadri Mohan, University of Arkansas at Little Rock, US
15.30-15.45		ITRI's recent research work on Radio Communication Technologies for 5G and beyond, Ching-Tarn Hsieh, ITRI, Taiwan
15.30 - 16.00	Coffee Break	
Parallel Sessions for Working Groups 2		
	WG C	WG EVAL
	WG Chair: Dr Sudhir Dixit	WG Chair: Prof Angeliki Alexiou
16.00 - 16.15	A QoS-based Evaluation of SDN Controllers: ONOS and OpenDayLight	WWRF IMT-2020 Eval Group, Angeliki Alexiou, University of Piraeus, Greece

16.15 - 16.30	Use of P4 for 5G network	Overview of ITU IMT-2020 Evaluation activities, Bin Tan, Huawei, China
16.30 - 16.45	Low Power R&D in 5G and Alternative energy powering of Spectrum Sharing Broadband Networks for Rural Regions	ITRI's ITU Eval Group vision/plans, Ching-Tarng Hsieh, ITRI, Taiwan
16.45 - 17.00	Planning of Small Cells in Unlicensed Band for Addis Ababa deployment scenario	Discussion, planning ahead
17.00 - 17.15	5G Mobile Network Architecture for diverse services, use cases, and applications in 5G	
17.15 - 17.30	Deterministic Fog Node Architecture for 5G Applications in Underserved Communities	
19.00 - 21.00	Meeting Dinner	
Friday 1st June 2018 (Day 4)		
Plenary Special Session 3 - African Academia & Research Councils		
Session Chair: Dr Vinod Kumar		
09.00 - 09.30	Research & Education for 5G and Industry 4.0 in Africa	Prof. T. Marwala, Vice Chancellor, University of Johannesburg
09.30 - 09.50	5 G Technology in Africa: Prospects and Challenges	Nana Prof. Osei Darkwa, Teletech Institute of Technology, Accra, Ghana
09.50 - 10.20	5G R&D & Broadband Connectivity for All	T Walingo(UKZN), T. Tsalaile, (BITRI), M. Ferreira (NWU), T. Olwal (TUT), B. Haile, (AAIT)
10.20 - 11:00	Research, Use Cases and Expert Human Capital Development for 5G & Industry 4.0	Panel Discussion: Chair Dr F. Mekuria with the above speakers
11:00 - 11.20	Coffee Break	
Parallel Sessions for Working Groups 3		
	VIP CV	VIP EMW
	WG Chair: Prof. Seshadri Mohan	WG Chair: Prof. Christos Politis
11.20 - 11.30	Generation Vehicular Communication: An Artificial Intelligence Approach	Wearable Wireless Sensors (WWS), 5G and Internet of Thing (IoT)
11.30 - 11.50	Discussion on white paper development	5G IoT for Advanced Water Monitoring
11.50 - 12:30		Discuss the EMW proposal and WP
12.30 - 13.30	Lunch Break	
Parallel Sessions for Working Groups 4		
	WG AI	
13.30 - 13.50	Progress report from Wireless AI Alliance	Dr Chih-Lin I, China Mobile
13.50 - 14.10	5G security challenges and solutions	Marcus Wong, Huawei Technologies
Closing Plenary Session 4		
Session Chair: Dr Nigel Jefferies		
14.10 - 14.20	Invitation to 41st Meeting	Prof. Knud Erik Skouby on behalf of Prof. Ramjee Prasad, University of Aarhus
14.20 - 15.00	Chairs of each Working Group will present summary of their discussions. Wrap-up and future activities & Closing Session	
15.00-15.30	Close of meeting and coffee	

