

Time/Day	Thursday, 16 August 2018						Time/Day	Friday, 17 August 2018						Saturday, 18 August 2018						
08:00-08:30	Conference Registration	Conference Registration				Registration	08:00-08:30	Conference Registration						Conference Registration						
08:30-09:00	Workshop-1 (Conference Hall 6)	Conference Registration					NI 5G Roundtable Meeting (VIP Hall)	08:30-09:00	Welcome Opening Ceremony (Xin Yuan Hall)						Keynote Speech #4: Enabling Future Wireless Services: From Cognitive Radios to AI-empowered Wireless Networks Prof. Ying-Chang Liang University of Electronic Science and Technology of China (Xin Yuan Hall 8:30-9:00)					
09:00-09:30		Workshop-6 (Conference Hall 6)	Tutorial 1 (Conference Hall 1)	Tutorial 2 (Conference Hall 8)	Tutorial 3 (Conference Hall 9)			Tutorial 4 (Conference Hall 7)	09:00-09:30	Keynote Speech #1: ICT and Smart City Academician Hequan Wu Chinese Academy of Engineering (Xin Yuan Hall)						Keynote Speech #5: From Autonomous Vehicles to Autonomous Mobility: Challenges and Opportunities Prof. Tao Zhang National Chiao Tung University (Xin Yuan Hall 9:00-9:30)				
09:30-10:30	Coffee Break					09:30-10:00			Keynote Speech #2: Service Provisioning in 5G Communication Networks Prof. Weihua Zhuang University of Waterloo (Xin Yuan Hall)						Keynote Speech #6: Evolving 5G and Beyond Director of SDR and Wireless Research, James Kimery National Instruments (Xin Yuan Hall 9:30-10:00)					
10:30-11:00	Coffee Break						10:30-11:00	Coffee Break						Coffee Break						
11:00-12:30	Workshop-7 (Conference Hall 6)	Tutorial 1 (Conference Hall 1)	Tutorial 2 (Conference Hall 8)	Tutorial 3 (Conference Hall 9)	Tutorial 4 (Conference Hall 7)	NI 5G Roundtable Meeting (VIP Hall)	11:00-12:30	WCS-1 (Conference Hall 1)	NGN-1 (Conference Hall 5)	WCS-4 (Conference Hall 7)	OCSN-1 (Conference Hall 9)	SNBD-1 (Conference Hall 6)	Invited-1 Prof. Tony Quek, Kwang-Cheng Chen, Qinyu Zhang (Conference Hall 8)	WCS-5 (Conference Hall 1)	WCS-8 (Conference Hall 5)	STC-1 (Conference Hall 9)	WNM-1 (Conference Hall 6)	PSC-1 (Conference Hall 7)	Invited-3 Prof. Zhu Han, Klaus Moessner, Yue Gao (Conference Hall 8)	
12:30-14:00	Lunch						12:30-14:00	Lunch						Lunch						
14:00-15:30	Workshop-4 (Conference Hall 6)	Tutorial 5 (Conference Hall 1)	Tutorial 6 (Conference Hall 8)	Tutorial 7 (Conference Hall 9)	Workshop-5 (Conference Hall 7)	NI 5G Roundtable Meeting (VIP Hall)	14:00-15:30	WCS-2 (Conference Hall 1)	NGN-2 (Conference Hall 5)	Steering Committee Meeting (Conference Hall 7)	CIT-1 (Conference Hall 9)	SPC-1 (Conference Hall 6)	Invited-2 Prof. Zhi Ding, Jianwei Huang, Tommy Svesson (Conference Hall 8)	WCS-6 (Conference Hall 1)	WCS-9 (Conference Hall 5)	STC-2 (Conference Hall 9)	WNM-2 (Conference Hall 6)	SPC-3 (Conference Hall 7)	WCS-11 (Conference Hall 8)	
15:30-16:00	Coffee Break						15:30-16:00	Coffee Break & Poster Session						Coffee Break & Poster Session-Demo						
16:00-17:30	Workshop-2 (Conference Hall 6)	Tutorial 5 (Conference Hall 1)	Tutorial 6 (Conference Hall 8)	Tutorial 7 (Conference Hall 9)	Workshop-3 (Conference Hall 7)	NI 5G Roundtable Meeting (VIP Hall)	16:00-17:00	WCS-3 (Conference Hall 1)	NGN-3 (Conference Hall 5)	Steering Committee Meeting (Conference Hall 7)	CIT-2 (Conference Hall 9)	SPC-2 (Conference Hall 6)	Industry-Panel (Conference Hall 8)	WCS-7 (Conference Hall 1)	WCS-10 (Conference Hall 5)	INSTOIS-1 (Conference Hall 9)	WNM-3 (Conference Hall 6)	SPC-4 (Conference Hall 7)		
							17:00-18:00						Academic Panel (Conference Hall 8)							
18:30-21:00	Welcome Reception (Xin Yuan Hall)						18:30-21:00	Best Paper Awards Ceremony for IEEE/CIC ICC 2018 Banquet (Xin Yuan Hall)												

TUTORIALS

Tutorial 1: Challenges and Solutions for LTE and 5G based V2X Communications

Instructor: Yi Qian

Tutorial 2: Generalized Sparse and Low-Rank Optimization for Ultra-Dense Networks: Models, Algorithms and Theory

Instructor: Jun Zhang, Yuanming Shi

Tutorial 3: Orbital Angular Momentum for Wireless Communications: New Orthogonal Dimension for Radio Access

Instructor: Wenchi Cheng

Tutorial 4: Spatiotemporal Modeling in Wireless Networks: Analysis and Applications

Instructor: Tony Q. S. Quek, Howard H. Yang

Tutorial 5: Invoking Emerging Analytical Tools for NOMA: Matching Theory, Stochastic Geometry and Machine Learning

Instructor: Arumugam Nallanathan, Zhiguo Ding, Yuanwei Liu

Tutorial 6: Recent Advances in Wireless Localization

Instructor: Yuan Shen, Guodong Zhao, Tingting Zhang

Tutorial 7: Wireless Channel Models and Standards Development for 5G and Beyond

Instructor: Cheng-Xiang Wang

WORKSHOPS

1: Millimeter-wave and Massive MIMO in Future Wireless Networks

Talker: Wei Xu, Jun Zhu, Kezhi Wang

2: 3rd International Workshop on Connecting All Things for Enabling Smart Cities (CONTEST)

Talker: Hongjian Sun, Arumugam Nallanathan, John Thompson, F. Richard Yu, Chengxiang Wang, Yi Qian, Jie Gong, Zhisheng Niu, Yan Zhang

3: Integration of Communication, Computation, and Caching in 5G Fog Radio Access Networks (3C F-RAN 2018)

Talker: Zhongyuan Zhao, Zhiguo Ding, Zhiyong Chen

4: Integrated Aerial and Terrestrial Communication Systems

Talker: Yong Zeng, Jie Xu, Jun Zhang

5: Ultra-Reliable and Low-Latency Communications in Wireless Networks (URLLC)

Talker: Zhi Chen, Guodong Zhao

6: Space Information Networks

Talker: Min Sheng, Giovanni Giambene, Lian Zhao, Chunxiao Jiang

7: International Workshop on Non-Orthogonal Multiple Access (NOMA) for 5G and IoT Networks

Talker: Yuanwei Liu, Miaowen Wen, Zhiguo Ding, Arumugam Nallanathan

INDUSTRY & ACADEMIC PANELS

IAP-1: Fog-enabled Computing and Communications

IAP-2: AI for Communication Networks

TECHNICAL Sessions

STC: Selected Topics in Communications

SPC: Signal Processing for Communications

OCSN: Optical Communication Systems and Networks

NGN: Next Generation Networking

CIT: Communication and Information Theory

SNBD: Social Networks and Big Data

WCS: Wireless Communications Systems

WNM: Wireless Networking and Multimedia

PSC: Privacy and Security in Communications

INSTOIS: Integrated Networks for Space, Terrestrial and Oceanic Information Systems

Locations of Meeting Rooms

1st Floor:

Xin Yuan Hall

VIP Hall

2nd Floor:

Conference Hall 1

Conference Hall 5

Conference Hall 6

Conference Hall 7

Conference Hall 8

Conference Hall 9