

2018 IW5GC

The 2nd Graduate
“**International Workshop on 5G
Communications**”
2018 Workshop, October 17-19
ETSYS Telecomunicación, Campus Sur UPM
(Room 3004)

Day 1 (Wednesday 17th)

Social program: Visit to Madrid.

Day 2 (Thursday 18th)

Session 1: Propagation channels Part A

09:30 (Tongji University) An embedded graph modeling for millimeter wave channel in a time variant corridor scenario, Yuan Liu.

09:55 (Tongji University) Measurement-based Massive-MIMO Channel Characterization for Outdoor LoS Scenarios, Le Hao.

10:20 (Tongji University) Measurement based Air-to-Ground Channel clustering Research , Zeyu Huang.

10:45 Coffee break.

11:10 (Technical University of Madrid) Indoor Positioning System Using UWB Technology, José Manuel Valbuena Pereira.

11:35 (Tongji University) Wideband 39 GHz Millimeter-Wave Dual-Polarimetric Channel Measurement under Foliage Loss, Yejian Lv.

12:00 Lunch.

Session 2: Propagation channels Part B

14:30 (Tongji University) An Air-to-Ground Channel Research Based on Active Measurement, Kai Tu.

14:55 (Tongji University) Experimental 39GHz MIMO Channel Analysis for Indoor Scenario, Sibozhao.

15:20 (Technical University of Madrid) NFC Radio Access Control Powered by RC522 and Raspberry Pi, Daniel Pérez Asensio.

15:45 Coffee Break.

16:10 (Tongji University) Nystrom Solution of Electromagnetic Integral Equations with Curvilinear Surfaces, Jian Zhang.

16:35 (Tongji University) Performance Analysis in Network-coded Cluster Cooperative Content Distribution Networks, Xun Li.

20:10 Workshop Dinner

Day 3 (Friday 19th)

Session 1: 5G Communication systems Part A

09:30 (Tongji University) Vehicle Identification Based on Intelligent Driving System, Yusi Yang .

09:55 (Technical University of Madrid) Diffraction Measurements for Low Altitude UAVs, César Calvo Ramírez.

10:20 (University of La Coruna) Analog precoding and hybrid combining for correlated sources in mmWave MIMO systems, Darían Pérez Adán.

10:45 Coffee break.

11:10 (University of La Coruna) Image Transmission: Analog or Digital? José Francisco Balsa González.

11:35 (University of La Coruna) Experimental Characterization of 2.6 GHz wireless links in high-speed trains, Tomás Domínguez Bolaño.

12:00 Lunch.

Session 2: 5G Communication systems Part B

14:30 (Tongji University) Thickness of gold film effect on field emission properties of carbon nanotube composite cathode, Yujie Song.

14:55 (Technical University of Madrid) Network emulation for V2V and V2I communications, Patricia Fratilesco.

15:20 (Tongji University) A Low Phase Noise Integer-N Ka-Band PLL Using Injection-Locked Frequency Doubler, Yang Zhang.

15:45 Coffee Break.

16:10 (Technical University of Madrid) Multi Channel Propagation Emulator for Transportation Systems, Ana González Plaza.

16:35 (Tongji University) Convolutional-neural-network method to demultiplex OAM beams for coherent optical communication systems, Jianjie Wu.