

2018 IW5GC

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

Day 1 (Wednesday 17th)

Social program: Guided visit to UPM.

Day 2 (Thursday 18th)

Session 1: Propagation channels Part A

09:00 (Tongji University) An embedded graph modeling for millimeter wave channel in a time variant corridor scenario, Yuan Liu.

09:30 (Tongji University) Measurement-based Massive-MIMO Channel Characterization for Outdoor LoS Scenarios, Le Hao.

10:00 (Tongji University) Measurement based Air-to-Ground Channel clustering Research , Zeyu Huang.

10:30 Coffee break.

11:00 (Technical University of Madrid) Indoor Positioning System Using UWB Technology, José Manuel Valbuena Pereira.

11:30 (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

14:00 (Tongji University) An Air-to-Ground Channel Research Based on Active Measurement, Kai Tu.

14:30 (Tongji University) Experimental 39GHz MIMO Channel Analysis for Indoor Scenario, Sibozhao.

15:00 (Technical University of Madrid) NFC Radio Access Control Powered by RC522 and Raspberry Pi, Daniel Pérez Asensio.

15:30 Coffee Break.

16:00 (Tongji University) Nystrom Solution of Electromagnetic Integral Equations with Curvilinear Surfaces, Jian Zhang.

16:30 (University of La Coruna) .

20:10 Workshop Dinner

Day 3 (Friday 19th)

Session 1: 5G Communication systems Part A

09:00 (University of La Coruna) .

09:30 (University of La Coruna) .

10:00 (Tongji University) Vehicle Identification Based on Intelligent Driving System, Yusi Yang.

10:30 Coffee break.

11:00 (Technical University of Madrid) Diffraction Measurements for Low Altitude UAVs, César Calvo Ramírez.

11:30 (Tongji University) Performance Analysis in Network-coded Cluster Cooperative Content Distribution Networks, Xun Li.

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.

15:00 (Tongji University) A Low Phase Noise Integer-N Ka-Band PLL Using Injection-Locked Frequency Doubler, Yang Zhang.

15:30 Coffee Break.

16:00 (Technical University of Madrid) Multi Channel Propagation Emulator for Transportation Systems, Ana González Plaza.

16:30 (Tongji University) Convolutional-neural-network method to demultiplex OAM beams for coherent optical communication systems, Jianjie Wu.