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Marie Skłodowska-Curie Research and Innovation Staff Exchanges (GA No. 734798)
Indoor Small-cell Networks with 3D MIMO Array Antennas (is3DMIMO)

Marie Skłodowska-Curie Innovative Training Networks (GA No. 766231)
mmWave Communications in the Built Environments (WAVECOMBE)

is3DMIMO – WAVECOMBE Joint Workshop

Friday 12 July 2019

Design Suite, Portobello Centre, University of Sheffield, Pitt Street, Sheffield, S1 4ET, UK

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Agenda

Time	Theme	Presenter
9:30 – 9:45	Workshop Opening	Xiaoli Chu
9:45 – 10:00	Coffee Break	
10:00 – 10:30	Indoor Channel Sounding for 3D MIMO Communications	Jiliang Zhang
10:30 – 11:00	Power Allocation for Multipair Massive MIMO Full-Duplex Relay Systems	Xiaoli Chu
11:00 – 11:30	Radio Vortex MIMO with Index Modulation	Hu Tao
11:30 – 12:00	LoS/NLoS Transmissions in Densely Deployed Cellular Networks	Jiaqi Wang
12:00 – 14:00	Lunch	
14:00 – 14:30	Indoor Radio Propagation Measurements and Channel Characterization in the 60 GHz	Amar Al Jzari
14:30 – 15:00	On the Optimum Down-Tilting of 3D Large Scale Antenna Arrays	Mengxin Zhou
15:00 – 15:30	Indoor Propagation Modelling and Indoor Cell Optimization using Ranplan's Software Tools	Chunxia Qin
15:30 – 16:00	Plane Wave Synthesis with Irregular Chamber Planar Antenna Arrays for Compact OTA Measurements	Mohammad Poordaraee
16:00 – 16:30	Open Discussion and Closing	Xiaoli Chu

List of Attendees (incomplete):

- Amar Al Jzari (Televic)
- Mohammad Poordaraee (University of Twente)
- Kan Lin (Ranplan)
- Jiliang Zhang (University of Sheffield)
- Tao Hu (CQUPT)
- Mengxin Zhou (University of Sheffield)
- Jiaqi Wang (University of Sheffield)
- Xiaoli Chu (University of Sheffield)
- Chunxia Qin (Ranplan)
- Othman Zahid (Durham University)

- Bintaο Hu (University of Sheffield)
- Zaid Mujaiyid Putra Bin Ahmad Baidowi (University of Sheffield)
- Wei Liu (University of Sheffield)
- Xiang Lan (University of Sheffield)
- Zhengyu Wan (University of Sheffield)
- Yin Liu (Southwest China Institute of Electronic Technology)
- Danaisy Prado Alvarez (Universitat Politècnica de València)
- Rola Saad (University of Sheffield)
- Xiaofeng Ma (Nanjing University of Science and Technology)
- Lidong Zhang (Beijing Institute of Technology)
- Jiwen Geng (Beihang University)
- Hua Yan (University of Warwick)
- Lingling Feng (CQUPT)
- Wenfei Yang (University of Sheffield)
- Weijie Qi (Ranplan)
- Yunbai Wang (University of Sheffield)