

W-F Millimetre Wave Communications

Time	EDAS Number	Title	Authors with Affiliations
9.00			
9.00-9.45	Keynote	Channel Modelling and Spatial Performance Requirements for 3GPP mmWave New Radio	Pekka Kyösti, Keysight
9.45-10.00	1570457645	A Study of Polarimetric Diffuse Scattering at 28 GHz for a Shopping Center Facade	Pasi Koivumäki, Sinh Nguyen and Katsuyuki Haneda (Aalto University, Finland); Gerhard Steinbock (Huawei Technologies Sweden AB, Sweden)
10.00-10.15	1570457312	Improving the Robustness of 60 GHz Indoor Connectivity by Deployment of Mirrors	Man Zhao and Danpu Liu (Beijing University of Posts and Telecommunications, P.R. China); Feng Yu (Huawei, P.R. China)
10.15-10.30	1570459118	Characterization of 300 GHz Wireless Channels for Rack-to-Rack Communications in Data Centers	Chia-Lin Cheng (Georgia Tech, USA); Alenka Zajic (Georgia Institute of Technology, USA)
10.30 - 11.00: coffee			
11.00-11.15	1570459514	Self-Interference Channel Measurements for In-Band Full-Duplex Street-Level Backhaul Relays at 70 GHz	Katsuyuki Haneda (Aalto University, Finland); Jan Järveläinen (Premix & AALTO University, Finland); Aki Karttunen (Aalto University, Finland); Jyri Putkonen (Nokia & Bell Labs, Finland)
11.15-11.30	1570459575	Tri-Band Mm-wave Directional Channel Measurements in Indoor Environment	Enrico M. Vitucci and Marco Zoli (University of Bologna, Italy); Ke Guan (Beijing Jiaotong University, P.R. China & Technische Universität Braunschweig, Germany); Bile Peng (Chalmers University of Technology, Sweden); Franco Fuschini (DEI - Bologna, Italy); Marina Barbiroli (University of Bologna, Italy); Thomas Kuerner (Braunschweig Technical University, Germany); Vittorio Degli-Esposti (University of Bologna, Italy)
11.30-11.45	1570462832	Polarimetric Diffuse Scattering Channel Measurements at 26 GHz and 60 GHz	Alberto Loaiza Freire, Timothy Pelham, Di Kong and Lawrence Sayer (University of Bristol, United Kingdom (Great Britain)); Victoria Sgardoni (University of Bristol & Technological Educational Institute of Chalkis Greece, United Kingdom (Great Britain)); Fai Tila, Evangelos Mellios, Mark Beach and Andrew Nix (University of Bristol, United Kingdom (Great Britain)); Gerhard Steinbock (Huawei Technologies Sweden AB, Sweden)
11.45-12.30	Keynote	Will Full Duplex be Adopted for 5G?	Mohammad Shikh-Bahaei, Kings College London
12.30 - 14.00: lunch			
14.00-14.45	Keynote	Self-organising the ultra-dense cellular networks working on mmWave technologies	Muhammad Imran, University of Glasgow, UK
14.45-15.00	1570459783	Analyzing the Effects of PA Variations on the Performance of Phased Array Digital Predistortion	Nuutti Tervo, Marko E Leinonen, Janne P Aikio, Timo Rahkonen and Aarno Pärssinen (University of Oulu, Finland)
15.00-15.15	1570459804	Inter-beam Interference Reduction in Hybrid mmW Beamforming Transceivers	Muhammad Yasir Javed, Nuutti Tervo and Aarno Pärssinen (University of Oulu, Finland)
15.15-15.30	1570460304	Outband Radiation and Modulation Accuracy of Unified Beamforming DPD	Suguru Habu (the University of Electro-Communications & Advanced Wireless & Communication Research Center, Japan); Yasushi Yamao (The University of Electro-Communications, Japan); Hiroyoshi Ishikawa (Fujitsu Laboratories Limited, Japan); Maniwa Toru (Fujitsu Laboratories LTD., Japan)
15.30 - 16.00: coffee			
16.00-16.45	Keynote	5G-MiEdge	Valerio Frasca, Intel, Germany
16.45-17.00	1570459574	Adaptive Data Detection in Phase-Noise Impaired MIMO-UFMC Systems at mmWave	Carmen D'Andrea (University of Cassino and Southern Lazio, Italy); Stefano Buzzi (University of Cassino and Lazio Meridionale/CNIT, Italy); Dejian Li (Hisilicon Technologies Co., Ltd, P.R. China); Shulan Feng (Hisilicon Technologies Co., Ltd, P. R. China)
17.00-17.15	1570460209	Characterization of Human Body Shadowing in Measured Millimeter-wave Indoor Channels	Allan Mbugua (Aalborg University, Denmark); Kentaro Saito (Tokyo Institute of Technology, Japan); Fengchun Zhang and Wei Fan (Aalborg University, Denmark)
17.15-17.30	1570463341	Second-order Statistical Characterization of the 60 GHz Cluster Fading Channels	Naveed Iqbal (Huawei Technologies, Germany); Jian Luo (Huawei Technologies Duesseldorf GmbH, Germany); Diego Dupleich (Ilmenau University of Technology, Germany); Stephan Häfner (Technische Universität Ilmenau, Germany); Robert Müller (TU Ilmenau, Germany); Christian Schneider and Reiner S. Thomä (Ilmenau University of Technology, Germany)
17.30			