

W-C International Workshop on V2X Communications and Channel Modeling

| Time | EDAS Number | Title | Authors with Affiliations |
|---|-------------|---|--|
| 9.00 | | Part I - Second Workshop on V2X Channel Measurements and Modeling (WVCM 2018) | |
| 9.00-9.36 | Keynote | H2020 5GCAR: Objectives, Technology Components and Enablers | Dr. M. Condoluci, Ericsson AB, Sweden |
| 9.37-9.54 | 1570460403 | Evaluation of Shadowing Caused by Mining Machinery in V2I Communications | Gabriel Guieiro (Federal University of Ouro Preto, Brazil); Pedro Henrique de Oliveira Gomes (Federal University of Ouro Preto & Vale Institute of Technology, Brazil); Erika P. L. Almeida (Aalborg University & INDT - Institute of Technology Development, Denmark); Luis Guilherme Uzeda Garcia (Nokia Bell Labs, France) |
| 9.55-10.13 | 1570459752 | Tracking Based Multipath Clustering in Vehicle-to-Infrastructure Channels | Jonas Gedschold, Christian Schneider and Martin Käske (Ilmenau University of Technology, Germany); Mate Boban (Huawei German Research Center, Germany); Jian Luo (Huawei Technologies Duesseldorf GmbH, Germany); Reiner S. Thomä (Ilmenau University of Technology, Germany); Giovanni Del Galdo (Fraunhofer Institute for Integrated Circuits IIS & Technische Universität Ilmenau, Germany) |
| 10.13-10.30 | 1570463462 | Comparison of OTFS and OFDM in Ray Launched sub-6GHz and mmWave Line-of-Sight Mobility Channels | Fred Wiffen and Lawrence Sayer (University of Bristol, United Kingdom (Great Britain)); Mohammad Z Bocus (Toshiba Research Europe Ltd, United Kingdom (Great Britain)); Angela Doufexi and Andrew Nix (University of Bristol, United Kingdom (Great Britain)) |
| 10.30 - 11.00: coffee | | | |
| 11.00-11.36 | Keynote | Channel Characterisation for Dependable Vehicular Connectivity at 6 and 60 GHz | Prof. C. Mecklenbräuker, TU Wien, Austria |
| 11.37-11.54 | 1570459558 | Model Order Selection for LASSO Fitted Millimeter Wave Vehicular Channel Data | Thomas Blazek (Gusshausstraße 25 & TU Wien, Austria); Erich Zöchmann (TU Wien, Austria); Christoph F Mecklenbräuker (Vienna University of Technology, Austria) |
| 11.55-12.13 | 1570459743 | Multi-band Characterization of Path-loss, Delay, and Angular Spread in V2V Links | Diego Dupleich (Ilmenau University of Technology, Germany); Robert Müller and Sergii Skoblikov (TU Ilmenau, Germany); Christian Schneider (Ilmenau University of Technology, Germany); Jian Luo (Huawei Technologies Duesseldorf GmbH, Germany); Mate Boban (Huawei German Research Center, Germany); Giovanni Del Galdo (Fraunhofer Institute for Integrated Circuits IIS & Technische Universität Ilmenau, Germany); Reiner S. Thomä (Ilmenau University of Technology, Germany) |
| 12.13-12.30 | 1570460149 | Approximating Clustered Millimeter Wave Vehicular Channels by Sparse Subband Fitting | Thomas Blazek (Gusshausstraße 25 & TU Wien, Austria); Erich Zöchmann (TU Wien, Austria); Christoph F Mecklenbräuker (Vienna University of Technology, Austria) |
| 12.30 - 14.00: lunch | | | |
| Part II - Workshop on 5G V2X Communications for Connected Autonomous Driving | | | |
| 14.00-14.36 | Keynote | 5G capabilities as Enablers for Automated Driving | Dr. J. Springer, T-Systems Internatioal, Germany |
| 14.37-15.13 | Keynote | Cooperative Passive Coherent Location –a promising 5G service to support road safety? | Prof. R. Thomä, TU Ilmenau, Germany |
| 15.13-15.30 | 1570463466 | Impact of Communication Frequency on Remote Control of Automated Vehicles | Mohammad Ali Nazari (Chalmers University of Technology, Sweden); Ayca Ozelikkale (Uppsala University, Sweden); Mario Zanon (IMT School for Advanced Studies, Italy); Themistoklis Charalambous (Aalto University, Finland); Jonas Sjöberg and Henk Wymeersch (Chalmers University of Technology, Sweden) |
| 15.30 - 16.00: coffee | | | |
| 16.00-16.36 | Keynote | Multi-Link and Multi-RAT Vehicular Networks for Connected Automated Driving | Prof. J. Gozalvez, UMH, Spain |
| 16.37-16.54 | 1570460217 | Improved Pedestrian Detection Under Mutual Interference by FMCW Radar Communications | Canan Aydogdu, Nil Garcia and Henk Wymeersch (Chalmers University of Technology, Sweden) |
| 16.55-17.13 | 1570460349 | Shadowing-Based Antenna Selection for V2V Communications | Petros S. Bithas and Athanasios G. Kanatas (University of Piraeus, Greece); David W Matolak (University of South Carolina, USA) |
| 17.13-17.30 | 1570463095 | V2I mmWave Connectivity for Highway Scenarios | Di Kong, Jue Cao, Angelos Goulianos, Fai Tila, Angela Doufexi and Andrew Nix (University of Bristol, United Kingdom (Great Britain)) |
| 17.30 | | | |