

mmW 2015

Workshop on millimetre-wave Technology
for High-speed Broadband Wireless Networks



20th November, 2015 - Valencia, SPAIN

The Workshop Millimetre-wave Technologies for High-Speed Broadband Wireless Networks, hosted by the Nanophotonics Technology Center of the Polytechnic University of Valencia, brings together academic researchers and industrial representatives across Europe to discuss technical challenges and recent achievements in this technical field.

The workshop gathers nine invited European projects from the FP7 and H2020 Framework Programmes, focusing on millimetre wave technologies for future wireless networks, to promote exchanges as well as synergies between projects. Moreover, the workshop includes the participation of the new ETSI's millimetre Wave Transmission (mWT) Industry Specification Group to gain insight into the activities carried out in this working group and a panel discussion about the potential of millimetre wave communications for 5G systems.

For more information please contact us:

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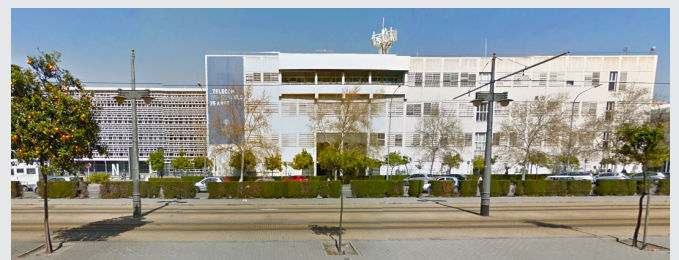
REGISTRATION

Workshop registration is FREE.

Please register through the link: <http://tweether.eu/workshop/registration.php>

CONFERENCE VENUE

Universitat Politècnica de València
School of Telecommunications Engineering
Avenida de los Naranjos - Access N (UPV Entrance)
Salón de Actos - Building 4D, 3rd Floor
Valencia, SPAIN
Map: <https://goo.gl/maps/Rqmo45iqWiq>



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tweether.eu/workshop

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08:30 - 09:00	REGISTRATION
09:00 - 09:05	WELCOME AND INTRODUCTION TO THE WORKSHOP
09:05 - 09:40	OPENING SESSION – On 5G realistic outcomes for 2020 Mr. François Magne – When-ab, France.
SESSION I	
<i>Chairman: Prof. Claudio Paoloni</i> – Lancaster University	
09:40 - 10:10	<i>Introduction to ETSI Millimetre-wave Transmission Industry Specification Group (mWT ISG)</i> Ms. Debora Gentina – Huawei Technologies Italia srl, Italy
10:10 - 10:35	<i>Energy Efficient E-band Transceiver for Backhaul of the Future Networks – E3Network</i> Dr. Igone Vélez – CEIT – IK4, Spain
10:35 - 11:00	<i>Beyond 2020 Heterogeneous Wireless Networks with Millimeter-Wave Small Cell Access and Backhauling – MiWaveS</i> Dr. Laurent Dussopt – CEA-LETI, France
11:00 - 11:20	COFFEE BREAK
SESSION II	
<i>Chairman: Dr. Ruth Vilar</i> – Universitat Politècnica de València	
11:20 - 11:45	<i>Millimetre-wave Evolution for Backhaul and Access – MiWEBA</i> Dr.-Ing. Thomas Haustein – Fraunhofer Heinrich Hertz Institute, Germany
11:45 - 12:10	<i>Smart Antenna & Radio for Access and Backhaul for Advanced Network noDes – SARABAND</i> Mr. François Magne – When-ab, France
12:10 - 12:35	<i>Traveling Wave Tube based W-band Wireless Network with High Data Rate, Distribution, Spectrum and Energy Efficiency – TWEETHER</i> Prof. Claudio Paoloni – Lancaster University, UK
12:35 - 13:00	<i>Millimetre-Wave Based Mobile Radio Access Network for Fifth Generation Integrated Communications – mmMAGIC</i> Dr. Mehrdad Shariat – Samsung Electronics R&D Institute, UK
13:00 - 14:00	LUNCH BREAK
SESSION III	
<i>Chairman: Mr. Antonio Ramírez</i> – Fibernova Systems	
14:00 - 14:25	<i>Mobile and wireless communications Enablers for Twenty-twenty (2020) Information Society-II – METIS II</i> Dr. Jose F. Monserrat – Universitat Politècnica de València, Spain
14:25 - 14:50	<i>The 5G Integrated fronthaul/backhaul transport network – 5G-Crosshaul</i> Dr. Josep Mangues – CTTC, Spain
14:50 - 15:15	<i>Dynamically Reconfigurable Optical-Wireless Backhaul/Fronthaul with Cognitive Control Plane for Small Cells and Cloud-RANs – 5G-XHaul</i> Dr. Daniel Camps – i2CAT Foundation, Spain
PANEL DISCUSSION	
Millimetre-wave communications: A key enabler for 5G?	
15:15 - 16:15	<i>Moderator: Prof. Roberto Llorente</i> – Universitat Politècnica de València <ul style="list-style-type: none"> ● Mr. Mauro Boldi – Telecom Italia, Italy ● Ms. Debora Gentina – Huawei Technologies Italia srl, Italy ● Prof. Narcís Cardona – Universitat Politècnica de València, Spain
16:15 - 16:20	CLOSURE OF THE WORKSHOP