



**Travelling wave tube based W-band wireless networks with high data rate distribution, spectrum & energy efficiency**

**Final Workshop  
W-Band Point to Multipoint Field Trial  
28<sup>th</sup> September 2018  
Universitat Politècnica de València  
Valencia, Spain**



**The H2020 TWEETHER Consortium is delighted to invite you to the Final Workshop of the TWEETHER Project on the first W-band Point to multipoint field trial.**

The objective of the TWEETHER Project is to set a milestone in the millimetre wave technology by the realization of the first W-band (92-95GHz) Point to multi-Point (PmP) wireless communications system for distribution of high capacity digital services everywhere.

TWEETHER field trial will demonstrate state of the art performance of fixed wireless communications operating in the W-band in a PmP configuration comprising one transmission hub linking several terminals allocated at different distances within the campus of the *Universitat Politècnica de València*.

The partners of the TWEETHER consortium will introduce to participants the main technology breakthroughs achieved in the project. The workshop will be concluded with the discussion on the results of the field trial and how 5G transport infrastructure benefits from TWEETHER technology. A visit to the TWEETHER equipment deployed on the field could be arranged upon demand.

The workshop is targeted to telecommunications operators, industry and academia. Participation is free of charge.

Registration page: <https://tweether.eu/final-workshop/registration.php>

**Looking forward to meeting you in Valencia  
The TWEETHER Consortium**

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## PROGRAMME

28<sup>th</sup> September 2018

Time

9.00 – 9.30

**Registration**



9.30 – 9.40

**Welcome**

Prof. Javier Marti, Universitat Politècnica València, Spain

THALES

9.40 – 10.00

**TWEETHER Vision**

Prof. Claudio Paoloni, Lancaster University, UK

BOWEN

10.00 – 10.30

**TWEETHER Deployment and Economy**

François Magne, Bowen, France



10.30 – 11.00

**Coffee break**

Exhibition of components and parts of the TWEETHER system



11.00 – 11.30

**TWEETHER Millimeter wave electronics and system**

Prof. Viktor Krozer, Goethe University of Frankfurt, Germany



11.30 – 12.00

**TWEETHER W-band Traveling Wave Tube**

Frédéric André, Thales Electron Devices, France



12.00 – 12.30

**TWEETHER W-band Field Trial presentation**

Antonio Ramírez, Fibernova Systems, Spain



12.30 – 13.00

**Open Discussion** “TWEETHER for millimeter wave access and backhaul in future network infrastructure for 5G”

Chaired by Prof. Claudio Paoloni



13.00 – 13.30

**Networking Lunch** on the terrace at the City of Innovation

13.30 – 14.00

Visit to Transmission Hub site (by appointment)

14.00

End of the Workshop

