

WavecomBE Final workshop

Brief overview

- Host: Universitat Politècnica de València (as Coordinator)
- Venue: virtual (through Microsoft teams - [Click here to join the meeting](#))
- Time: September 28th, 2021 9h00 13h05 (0.5 day).

Agenda:

Time	Content	Slot duration	Speaker
9:00	Welcome	5 min	Coordinator
9:05	Introduction from Coordinator	10 min	Coordinator
9:15	Antenna design	55 min (3 papers)	ESRs or/and supervisors
	"Millimeter-wave Phased Array Antenna for 5G outdoor base station."	12' +5	Wai Yan Yong, U.Twente/ Gapwaves
	"Design and implementation of 28-GHz phased arrays based on Gap waveguide"	13' +5	Alireza Bagheri, Gapwaves
	"Compact Over-The-Air measurement setup for evaluation of MIMO antenna systems"	15' +5	Mohammad Poordaraee, U.Twente
10:10	Break	15 min	
10:25	Radio channel and propagation	60 min (3 papers)	ESRs or/and supervisors
	"The Effect of Precipitation & Interference on mmWaves from Long Term Measurements in the Built Environment"	15' +5	Othman Zahid, UDUR
	"Influence of the human body on millimeter wave propagation channel and how to avoid it."	15' +5	Samuel Romero, UPV
	"How friendly are building materials as reflectors to indoor LOS MIMO communications?"	15' +5	Yixin Zhang, USFD
11:25	Break	15 min	
11:40	System aspects and planning	70 min (3 papers)	ESRs or/and supervisors
	"Network modelling and optimization for the dense deployment of mmWave massive MIMO small cells in indoor and outdoor built environments"	15' +5	Chen Chen, USFD
	"60 GHz directional channel measurement and Ray Tracing simulation in a conference room Environment"	25' +5	Monika Drozdowska, Danaisy Prado, Amar Al Jzari (Televic, UPV, UDUR)
	"Intelligent cell optimization with massive MIMO in mmWave"	15' +5	Chunxia Qin, Ranplan
12:50	Board final remarks, feedback	10 min	Board members
13:00	Wrap up, end of meeting	5 min	