



ETSIT  
ESUELA TÉCNICA SUPERIOR DE INGENIEROS DE TELECOMUNICACIÓN  
UPM



**ALTER**  
TECHNOLOGY

# WORKSHOP ON MICROWAVE PHOTONICS

**25** November

ETSIT Building C  
Universidad Politécnica  
Avda. Complutense, 30  
Madrid

The workshop will be broadcasted  
by zoom.

Confirmation required  
(onsite and online)  
[catedra.alter.etsit@upm.es](mailto:catedra.alter.etsit@upm.es)



ETSIT  
UPM



Master in Photonics Engineering

ALTER  
TECHNOLOGY GROUP

## AGENDA

### Welcome:

9:30 h	<b>Manuel Sierra</b> , Director of ETSI Telecomunicación UPM	
9:40 h	<b>José Capmany</b>	Universidad Politécnica de Valencia (Spain)
	<i>Principles and fundamentals of Microwave Photonics</i>	
10:20 h	<b>Guillermo Carpintero</b>	Universidad Carlos III de Madrid (Spain)
	<i>About waves and chips: Integrated microwave photonics</i>	
11:00 h	<b>Coffee Break</b>	
11:30 h	<b>Aintzane Lujambio</b>	ALTER Technology (Sevilla, Spain)
	<i>Microwaves in Space and now, Microwave Photonics too!</i>	
12:10 h	<b>Paolo Ghelfi</b>	CNIT - Consorzio Nazionale Interuniversitario per le Telecomunicazioni and Scuola Superiore Sant'Anna (Pisa, Italy)
	<i>Photonics for satellite radars: the SPACEBEAM project</i>	
12:50 h	<b>David Sánchez Montero</b>	Universidad Carlos III de Madrid (Spain)
	<i>Analog Radio-over-Fiber in Access Networks Fronthauling towards 5G supported by Power-over-Fiber</i>	
13:30 h	<b>Conclusion - Cocktail</b>	

The workshop will be broadcasted live using the Zoom application.

Please, attendance in-person or online confirmation required at [catedra.alter.etsit@upm.es](mailto:catedra.alter.etsit@upm.es)