



# **EuCAP 2026**

**April 19 - 24**

**Dublin, Ireland**

## **Scientific Workshop Proposal**



**2026**

# Scientific Workshop Proposal

SUBMISSION DEADLINE: NOVEMBER 15, 2025

This document is used to gather all the information relevant to each **Scientific Workshop** to be organized as a part of EuCAP 2026. There can be 1 or 2 proposers. If the proposal is accepted, the **information in this form will be used to advertize the scientific workshop on the conference website and in the programme book**. Please note that a limited number of Scientific Workshops can be accommodated within EuCAP 2026.

EuCAP 2026 will be held as an in-person event. However, in exceptional circumstances, such as the pandemic, EuCAP 2026 may require the Scientific Workshop to be held online or pre-recorded.

The proposal should be submitted via email [shortcourses-workshops@eucap2026.org](mailto:shortcourses-workshops@eucap2026.org) no later than November 15, 2025.

Please include your workshop title in the subject line.

## Proposer 1 - main point of contact

Name:	
Company/Organisation:	
City, Country:	
Email:	
Telephone:	

## Proposer 2 (optional)

Name:	
Company/Organisation:	
City, Country:	
Email:	
Telephone:	

# Scientific Workshop Proposal

**Workshop Title\*:**

## **Abstract\***

Abstract and motivation (50-100 words)

## **Workshop outline:**

Please describe the format for the workshop, identifying the existence of keynote speakers, a panel, invited papers, technical sessions, etc. (100 words)

## **Graphical Abstract**

We encourage you to provide a graphical abstract: enclose a high-resolution picture relevant to the workshop content (it is the responsibility of the proposers to ensure that the picture can be published on EuCAP webpage without IP violation).

Option 1: attach the picture to this PDF document with Adobe Acrobat Pro. Select the Tools Tab and select the Edit PDF button in the Tools Panel. Next, select the More button in the Edit PDF toolbar, followed by Attach File from the drop-down menu. Select the file you want to attach and select the Open Button. Your attachment will appear in the Attachment panel.

Option 2: attach the picture to the email when submitting the proposal.

# Scientific Workshop Proposal

## Short CVs of key speakers:

Please provide information on the key people speaking at the workshop (100 words each)

# Scientific Workshop Proposal

## Conference Topic/Track:

Please select the relevant codes(s) from the conference topics and tracks shown below

### Application Tracks:

<b>T01</b>	Sub-18 GHz for terrestrial networks (5G/6G)	<input type="checkbox"/>	<b>T05</b>	Positioning, localization, identification and tracking	<input type="checkbox"/>
<b>T02</b>	Millimeter wave and THz for terrestrial networks (5G/6G)	<input type="checkbox"/>	<b>T06</b>	Biomedical and health	<input type="checkbox"/>
<b>T03</b>	Aerospace, space and non-terrestrial networks	<input type="checkbox"/>	<b>T07</b>	Electromagnetic modelling and simulation tools	<input type="checkbox"/>
<b>T04</b>	RF sensing for automotive, security, IoT and related applications	<input type="checkbox"/>	<b>T08</b>	Fundamental research and emerging technologies/processes	<input type="checkbox"/>

### Conference Topics:

<b>A01</b>	Antenna Theory	<input type="checkbox"/>	<b>E01</b>	Electromagnetic theory	<input type="checkbox"/>
<b>A02</b>	Antenna systems and architectures	<input type="checkbox"/>	<b>E02</b>	Computational and numerical techniques	<input type="checkbox"/>
<b>A03</b>	Active and passive arrays	<input type="checkbox"/>	<b>E03</b>	High frequency techniques, scattering, and diffraction	<input type="checkbox"/>
<b>A04</b>	Mm-wave, sub THz antennas	<input type="checkbox"/>	<b>E04</b>	Optimisation methods, artificial intelligence and machine learning	<input type="checkbox"/>
<b>A05</b>	THz and Optical antennas	<input type="checkbox"/>	<b>E05</b>	Imaging	<input type="checkbox"/>
<b>A06</b>	Multiband, wideband and multifunctional antennas	<input type="checkbox"/>	<b>E06</b>	Frequency/polarization selective surfaces	<input type="checkbox"/>
<b>A07</b>	Electrically small antennas	<input type="checkbox"/>	<b>E07</b>	Periodic structures and metamaterials	<input type="checkbox"/>
<b>A08</b>	Wearable and implantable antennas	<input type="checkbox"/>	<b>E08</b>	Metasurfaces	<input type="checkbox"/>
<b>A09</b>	Lens antennas and transmitarrays	<input type="checkbox"/>	<b>E09</b>	Electromagnetic exposure modelling	<input type="checkbox"/>
<b>A10</b>	Reflectors, reflectarrays and feed systems	<input type="checkbox"/>	<b>E10</b>	Other EM topics	<input type="checkbox"/>
<b>A11</b>	Slotted-waveguide and leaky-wave antennas	<input type="checkbox"/>			
<b>A12</b>	Adaptive and reconfigurable antennas	<input type="checkbox"/>			
<b>A13</b>	MIMO, diversity, smart antennas and signal processing	<input type="checkbox"/>			
<b>A14</b>	RFID antennas and sensors	<input type="checkbox"/>			
<b>A15</b>	Wireless power transmission and harvesting	<input type="checkbox"/>			
<b>A16</b>	Other antenna topics	<input type="checkbox"/>			

# Scientific Workshop Proposal

## Conference Topics:

<b>P01</b>	Propagation theory and deterministic propagation modelling	
<b>P02</b>	Empirical and statistical propagation modelling	
<b>P03</b>	Propagation measurements, channel sounding and parameter estimation techniques	
<b>P04</b>	Satellite and air-to-ground propagation	
<b>P05</b>	Mm-wave, THz and UWB propagation	
<b>P06</b>	Machine learning and artificial intelligence for propagation	
<b>P07</b>	Propagation for vehicular communications	
<b>P08</b>	Body propagation, effects of biological tissues on propagation	
<b>P09</b>	Radar, localization, and sensing	
<b>P10</b>	Intelligent surface assisted propagation	
<b>P11</b>	Other propagation topics	

<b>M01</b>	Material characterizations and non-destructive testing	
<b>M02</b>	Near-field, far-field, compact and RCS measurement and calibration techniques	
<b>M03</b>	Data acquisition, imaging algorithms and measurement post-processing	
<b>M04</b>	EMC and PIM measurements	
<b>M05</b>	UAV and robotic based measurements	
<b>M06</b>	Dosimetry, exposure and SAR assessment	
<b>M07</b>	Mm-wave, THz and quasi-optical antenna measurements	
<b>M08</b>	MIMO and OTA testing	
<b>M09</b>	Reverberation chamber	
<b>M10</b>	Other measurement topics	

# Scientific Workshop Proposal

Please list the key people for the Workshop Scientific Committee who will solicit the presentations, papers and panels

	Name	Affiliation, Country	Email
1			
2			
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# Scientific Workshop Proposal

Please indicate the number of time slots you will require for the duration of your workshop:

1 slot = 1hr 40 mins

☐

2 slots = 3hr 20 mins

☐

**Any comments:**

**Provide any specific plans that may be considered for promoting the workshop**

Has this scientific workshop or a similar one already been offered at a conference?

Yes

☐

No

☐

If yes, which conference and year, and with how many attendees

**Check list for submitting the proposal:**

Fill in Scientific Workshop Proposal form

☐

Attach high resolution picture relevant to the course content

☐