



EuCAP 2025

March 30 - April 4

Stockholm, Sweden

Scientific Workshop Proposal



2025

Scientific Workshop Proposal

SUBMISSION DEADLINE: NOVEMBER 8, 2024

This document is a template for all the information relevant to each **Scientific Workshop** to be organized within EuCAP 2025. There can be 1 or 2 proposers. If the proposal is accepted **information from this form will be used to advertize the scientific workshop on the conference website and in the program book.** Please note that only a small number of Scientific Workshops can be accommodated at EuCAP 2025.

Please complete and submit no later than **Friday 8 November 2024** to shortcourses-workshops@eucap2025.org.

EuCAP 2025 is a physical event. However, EuCAP 2025 might require the Scientific Workshop to be delivered online or pre-recorded in exceptional circumstances like a pandemic.

Please use your workshop title for the email 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:	

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Workshop Title*:

Abstract*

Abstract and motivation (50-100 words)

Workshop outline:

Please describe the format for the workshop, identifying the existence of keynote speakers, panel, invited papers, technical sessions, and so on. (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 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.

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Short CVs of key speakers:

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

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Conference Topic/Track:

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

Application Tracks:

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

Conference Topics:

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

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Conference Topics:

P01	Propagation theory and deterministic propagation modelling	<input type="checkbox"/>
P02	Empirical and statistical propagation modelling	<input type="checkbox"/>
P03	Channel sounding and parameter estimation techniques	<input type="checkbox"/>
P04	Propagation measurements	<input type="checkbox"/>
P05	Mm-wave, THz and UWB propagation	<input type="checkbox"/>
P06	Machine learning and artificial intelligence for propagation	<input type="checkbox"/>
P07	Propagation for vehicular communications	<input type="checkbox"/>
P08	Body propagation, effects of biological tissues on propagation	<input type="checkbox"/>
P09	Radar, localization, and sensing	<input type="checkbox"/>
P10	Other propagation topics	<input type="checkbox"/>
M01	Material characterizations and non-destructive testing	<input type="checkbox"/>
M02	Near-field, far-field, compact and RCS measurement and calibration techniques	<input type="checkbox"/>
M03	Data acquisition, imaging algorithms and measurement post-processing	<input type="checkbox"/>
M04	Measurement range evaluation and EMI/EMC/PIM instrumentation	<input type="checkbox"/>
M05	UAV- and robotic based measurements	<input type="checkbox"/>
M06	Dosimetry, exposure and SAR assessment	<input type="checkbox"/>
M07	Mm-wave, THz and quasi-optical antenna measurements	<input type="checkbox"/>
M08	MIMO and OTA testing	<input type="checkbox"/>
M09	Reverberation chamber	<input type="checkbox"/>
M10	Other measurement topics	<input type="checkbox"/>

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

	Name	Affiliation, Country	Email
1			
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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