EuCAP 2027
The EurAAP conference

EurAAP

21ST EUROPEAN CONFERENCE ON ANTENNAS & PROPAGATION

DÜSSELDORF, GERMANY
18-23 APRIL 2027

2027

SCIENTIFIC WORKSHOP PROPOSAL

Scientific Workshop Proposal

SUBMISSION DEADLINE: **NOVEMBER 14, 2026**

This document is used to gather all the information relevant to each **Scientific Workshop** to be organized as a part of EuCAP 2027. There can be 1 or 2 proposers. If the proposal is accepted, the **information in this form will be used to advertise 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 2027.

EuCAP 2027 will be held as an in-person event. However, in exceptional circumstances, such as the pandemic, EuCAP 2027 may require the Scientific Workshop to be held online or pre-recorded.

The proposal should be submitted via email **shortcourses-workshops@eucap2026.org** no later than November 14, 2026.

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 code(s) from the conference topics and tracks shown below

Application Tracks:

T01	Sub-18 GHz for terrestrial networks (5G/6G)	☐
T02	Millimetre wave and THz for terrestrial networks (5G/6G)	☐
T03	Aerospace, space and non-terrestrial networks	☐
T04	RF technologies for automotive, rail, and maritime applications	☐
T05	RF technologies for security and defense applications	☐
T06	RF technologies for IoT and BAN applications	☐
T07	RF sensing for positioning, localization, identification & tracking	☐
T08	Biomedical and health applications	☐
T09	Electromagnetic modelling and simulation tools	☐
T10	Emerging and specialized applications	☐
T11	Fundamental research and technologies	☐

Antenna topics:

A01	Antenna theory	☐
A02	Antenna systems and architectures	☐
A03	Active and passive arrays	☐
A04	Mm-wave, sub THz antennas	☐
A05	THz and optical antennas	☐
A06	Multiband, wideband and multifunctional antennas	☐
A07	Electrically small antennas	☐
A08	Wearable and implantable antennas	☐
A09	Lens antennas and transmitarrays	☐
A10	Reflectors, reflectarrays and feed systems	☐
A11	Slotted-waveguide and leaky-wave antennas	☐
A12	Adaptive and reconfigurable antennas	☐
A13	MIMO, diversity, smart antennas and signal processing	☐
A14	RFID antennas and sensors	☐
A15	Wireless power transmission and harvesting	☐
A16	Artificial Intelligence in antenna engineering	☐
A17	Near-field antenna systems	☐
A18	Other antenna topics	☐

Electromagnetics topics:

E01	Electromagnetic theory	☐
E02	Computational and numerical techniques	☐
E03	High frequency techniques, scattering, and diffraction	☐
E04	Optimisation methods and artificial intelligence in electromagnetic modelling	☐
E05	Imaging	☐
E06	Frequency/polarization selective surfaces	☐
E07	Periodic structures and metamaterials	☐
E08	Metasurfaces	☐
E09	Electromagnetic exposure modelling	☐
E10	Electromagnetic methods and technologies for Life Sciences	☐
E11	Other EM topics	☐

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Propagation topics

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

Measurements topics

M01	Material characterizations and non-destructive testing	☐
M02	Near-field, far-field and compact measurement techniques	☐
M03	RCS measurement and calibration techniques	☐
M04	Data acquisition, imaging algorithms and measurement Post-processing	☐
M05	Artificial Intelligence in EM measurements	☐
M06	UAV- and robotic based measurements	☐
M07	EMC, Dosimetry, exposure and SAR assessment	☐
M08	Mm-wave, THz and quasioptical antenna measurements	☐
M09	MIMO and OTA testing	☐
M10	Reverberation chamber	☐
M11	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			
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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 workshop content ☐