

April 18 - 23 | Düsseldorf, Germany

Call For PAPERS

16 OCTOBER

FIRM DEADLINE

Please recall the EurAAP policy for EuCAP: there will be no extension of the paper submission deadline; late or updated submissions will not be accommodated after October 16, 2026.

EuCAP is the largest antennas and propagation conference in Europe. It attracts more than 1500 participants from academia and industry, and more than 50 industrial exhibitors, from all over the world. For more than 20 years it has been a great forum for exchanging new technical-scientific achievements, demonstrating state-of-the-art technology, and establishing and strengthening professional networks. The 2027 Edition of EuCAP will be held in Düsseldorf, Germany, between **April 18 - 23, 2027**. Europe has a strong and well-established antennas and propagation community across both academia and industry. At the same time, we are witnessing many exciting and promising developments in this field. The momentum is reflected in the motto of the conference: "Getting Ready for 3D Networks and New Space."

Best Paper Awards



For EuCAP 2027 there will be a Best Student Paper Award and five Best Paper Awards in the categories of Antenna Theory and Design, Antenna Applied Technology, Electromagnetics, Propagation, and Measurement.

AMTA Europe



The Antenna Measurement Techniques Association (AMTA) is strongly involved in the conference. AMTA will contribute with invited speakers, provide convened sessions, cooperate in the application tracks, and sponsor the technical tours.



Grants

Several grants covering both travel and registration will be offered by industrial sponsors to selected authors of high-quality papers.



Sponsors and Exhibitors

The conference will provide numerous opportunities for exhibitors and sponsors, according to their strategic visibility and publicity targets. Coffee breaks and lunches will be served in the exhibition area to increase the interaction between participants and exhibitors. For more information see the sponsors and exhibition web page.

Extended Papers Publication

During the submission process, authors can apply for publication of an extended version of the paper in a special issue of the following two journals:

- Review of Electromagnetics (RoE), managed by EurAAP
- International Journal of Microwave and Wireless Technologies, managed and published by Cambridge University Press and EuMA.

Information for authors

Authors are invited to submit papers, with a minimum length of two and a maximum length of five A4 pages. The paper must contain enough information for the Technical Programme Committee and reviewers to assess the quality of the work in a single acceptance/rejection review process. It will be possible to revise accepted papers in line with the reviewers' comments.

Submit your paper online at www.eucap.org no later than **October 16, 2026**. The submission requires an EDAS® account, which is free.

Presented papers will be included in IEEE Xplore, if the authors choose this option during the submission process. Compliance with the IEEE format is mandatory in this case. At least one of the authors of each paper must register as a conference delegate. A delegate cannot register more than two papers in their name as "presenting author".

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

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

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

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