

March 30 - April 4 | Stockholm, Sweden

# Call For PAPERS

# 18 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 18, 2024.

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. It is a great forum for exchanging new technical-scientific achievements, demonstrating state-of-the-art technology, and establishing and strengthening professional networks. The 2025 Edition of EuCAP will be held in **Stockholm, Sweden, between March 30 and April 4, 2025**. Leveraging from strong academic and industrial base at the host country in antennas and propagation, EuCAP 2025 will showcase the latest technological and scientific discoveries in this field making links with local strengths on 5G/6G, radar and non-terrestrial network technologies.

### Best Paper Awards



For EuCAP 2025 there will be a Best Student Paper Award and five Best Paper Awards in the categories 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.eucap2025.org](http://www.eucap2025.org) no later than **October 18, 2024**. 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****Electromagnetics Topics****Propagation Topics****Measurements Topics**

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

- E01 Electromagnetic theory
- E02 Computational and numerical techniques
- E03 High frequency techniques, scattering, and diffraction
- E04 Optimisation methods and machine learning
- E05 Imaging
- E06 Frequency/polarization selective surfaces
- E07 Periodic structures and metamaterials
- E08 Metasurfaces
- E09 Electromagnetic education
- E10 Other EM topics

- P01 Propagation theory and deterministic propagation modelling
- P02 Empirical and statistical propagation modelling
- P03 Channel sounding and parameter estimation techniques
- P04 Propagation measurements
- P05 Mm-wave, THz and UWB propagation
- P06 Machine learning and artificial intelligence for propagation
- P07 Propagation for vehicular communications
- P08 Body propagation, effects of biological tissues on propagation
- P09 Radar, localization, and sensing
- P10 Other propagation topics

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

**Application Tracks**

- T01 Sub-6 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 sensing for automotive, security, IoT, and other applications
- T05 Positioning, localization, identification & tracking
- T06 Biomedical and health
- T07 Electromagnetic modelling and simulation tools
- T08 Fundamental research and emerging technologies/processes

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