Invitation

The Boeing Company welcomes you to the 49th Annual Meeting and Symposium of the Antenna Measurement Techniques Association (AMTA). Join us on California's sunny San Francisco Peninsula for the week of October 17-22, 2027. Enjoy exploring this unique region which balances the sophistication of world-class cities with small-town charm. Set in the middle of unparalleled dining, events and attractions while connecting with measurement experts from around the world, AMTA 2027 will feature a full technical program including a short course, boot camp, and papers highlighting the latest research and industry advancements. The Symposium concludes with a technical tour of a regional facility showcasing one or more AMTA technical disciplines. The Call for Papers will begin in March 2027, inviting professional engineers, scientists and students to present their state-of-the-art research. For details and updates, visit 2027amta.org. We look forward to seeing you on the San Francisco Peninsula!

AMTA is a non-profit international organization dedicated to the development and dissemination of theory, best practices, and applications of antenna, radar signature, and other electromagnetic measurement technologies.

Visit **www.amta.org** for more information.

Symposium Benefits

- High-quality technical papers presented on a continuous basis over four days
- Full-Day Short Course providing an in-depth, state-of-the-art examination of a relevant AMTA research area.
- Full day Boot Camp introducing young engineers and scientists to numerous topics from the AMTA community
- Exhibits showcasing antenna and measurement related products and services
- The latest innovations in antenna and RCS measurements
- Participation with industry-leading professionals offering antenna measurement products and services
- Networking opportunities with industry and research experts
- A technical tour highlighting technology related to the antenna measurement industry
- Social events in and around the San Francisco
- Daytime companion tours to interesting and historic sites in and around the San Francisco peninsula

For more information about AMTA 2027, please visit **2027.amta.org** or contact: Brian Rapini, AMTA 2027 Chair, Boeing **AMTA2027@amta.org**

TICRA Foundation
Travel Grant

The TICRA Foundation and the Antenna Measurements Techniques Association (AMTA) will offer three travel grants to participants at the AMTA 2027 Meeting and Symposium. Each grant consists of $1,000 for travel and subsistence. The grants will be announced during the AMTA Awards Ceremony and conference dinner on Wednesday, October 20, 2027.

The awardees will be selected based on the author's potential or demonstrated aptitude for research and their financial situation. Applicants from all regions and career stages are encouraged to apply with some preference given to applicants early in their careers. Only authors of accepted AMTA 2027 papers will be considered.

Application deadline

Please submit your motivational letter, resumé, conference paper, and a copy of the conference paper acceptance email to amta@ticra.com, with "Travel grant" and your 2027 paper ID in the subject line, no later than **September 2, 2027.**

A committee at TICRA and AMTA will make the selection of the recipients of the grants. Successful candidates will be notified by September 23, 2027.

About TICRA Foundation

The objective of the TICRA Foundation is to support education and research within the field of electrotechnical sciences in Denmark and abroad.

TICRA

AMTA 2027 San Francisco October 17 - 22





49th Annual Meeting and Symposium of the Antenna Measurement Techniques Association

AMTA 2027

San Francisco
October 17 - 22



Call for Papers

Hosted by

BOEING

Call for Papers

Authors addressing advancement and innovation in these or other topics of interest to AMTA are invited to submit a 500+ word paper abstract and introduction for review and possible presentation at the symposium.

Topics of Interest

- Specialized antennas and testing for non-terrestrial networks
- Compressed sensing for antenna measurement techniques
- Medical antenna/ RF testing advances
- Antennas and radar in automotive applications
- Applications of robotics in antenna measurements
- Satellite and space applications
- Hardware-In-The-Loop systems and equipment
- Over-the-air testing of wireless devices
- mmWave, terahertz and quasi-optical antenna measurement
- Theory and applications of the measurement of antennas and radar scattering
- Advances in indoor and outdoor test ranges
- Measurement standards and laboratory comparisons
- Advances in near-field, far-field, compact, and RCS range measurement techniques
- New instrumentation for testing
- Data acquisition and processing methods
- Measurement imaging, algorithms, and processing techniques
- Diagnostic methods for antenna acceptance testing
- Phased array, active array, adaptive/smart antenna applications and measurements
- EMI/EMC/PIM chamber design, measurement and instrumentation
- GNSS, PCS, cellular, satellite antennas and measurement
- RF material design, measurement, and instrumentation
- Ultra-wideband or frequency independent antenna measurement
- Applied computational electromagnetics
- Numerical methods related to EM measurements

Paper Submission

Draft and final papers are required to be submitted electronically using one of the provided templates found at **2027.amta.org/manuscript-instructions.** The AMTA submission portal will open in January 2027. For details on the submission process, please refer to the AMTA 2027 website: **2027.amta.org.** Submission requires an account and password; account registration is free. Questions may be sent via email to **technical-coordinator@amta.org. NOTE: Authors of accepted AMTA papers will have the option of including their paper on IEEE Xplore®.**

Students

AMTA 2027 will award at least three (3) Best Student Paper Awards. Each student award recipient will receive a $500 USD cash award, a complimentary registration at AMTA 2028, and a one (1) year AMTA membership, active through December 31, 2028.

Award recipients are required to present their papers at the AMTA 2027 Symposium. Student paper guidelines will be sent upon acceptance of the abstract. Authors are asked to mark their abstract as “Student Paper” when submitting.

NOTE: Authors of accepted AMTA papers have the option of including their paper on IEEE Xplore®.

Eric Walton Student Travel Award

The Eric Walton Student Travel Award scholarship encourages students interested in electromagnetics with an emphasis on antennas to attend AMTA 2027. Application for this scholarship is open to undergraduate juniors and seniors world-wide as well as master’s and first year Ph.D. students.

Students must show a demonstrated interest in electromagnetics and/or antennas and be able to attend the AMTA 2027 symposium. Award winners will receive travel funding up to $3,000 USD to attend the symposium as well as many other benefits. To apply, students must submit:

- An essay about the student’s interest in AMTA, antennas, radar, and/or electromagnetism, detailing their background and academic or professional plans for the future
- A resume which includes course listings with grades received
- A letter of recommendation from an AMTA Senior Member or Fellow who is not a sitting Board Member or a member of the scholarship selection committee

Submittal deadline: April 30, 2027
Award announcement: June 12, 2027
See **www.amta.org** for complete details or contact the Scholarship Chairman at **scholarship@amta.org**

Submission Deadlines

500+ word draft abstract and introduction:	**March 1, 2027**
E-mail notification of initial acceptance:	**March 31, 2027**
Finished manuscript submission deadline:	**June 14, 2027**

Host Hotel

The Hyatt Regency SFO

1333 Bayshore Hwy Burlingame, CA 94010
(650) 347-1234
www.hyatt.com/hyatt-regency/en-US/sfobu

Rooms are available at the AMTA group rate of $249 USD plus tax for single or double occupancy, available on a first come, first-served basis for reservations made by September 23, 2027. This group rate includes guestroom internet services, use of self-parking services, fitness center hot tub and pool access. A roundtrip airport shuttle is complimentary (available 24 hours).

NOTE: A limited number of rooms are available at the government per diem rate. Early reservations are recommended.

Make yourself at home in one of the 789 guestrooms featuring refrigerators and flat-screen televisions. Your pillowtop bed comes with premium bedding. Complimentary wireless internet access keeps you connected, and digital programming is available for your entertainment. Private bathrooms with shower/tub combinations feature rainfall showerheads and complimentary toiletries. Many of the spacious guest rooms feature views of the San Francisco Bay to the east and glimpses of downtown San Francisco to the north. The hotel features many amenities including an outdoor pool, hot tub and a large fitness center.

The San Francisco Peninsula region balances the sophistication of world-class cities with small-town charm, placing you in the middle of unparalleled dining, events and attractions. This time of year, is perfect for enjoying all of these possibilities with average temperatures ranging between daytime highs of 74 F and early morning lows of 53 F. Some of the more spectacular attractions include: the beautiful Filoli historic estate and gardens in Woodside, a genuinely striking property featuring gardens, a mansion, and numerous hiking trails; redwood forest escapes such as the Purisima Creek Redwoods or Huddart Park; the coastal town of Half Moon Bay with a working harbor, beaches, and a coastal trail; and Burlingame Avenue which is a walkable downtown shopping/dining strip within walking distance of the Hyatt Regency SFO.





