

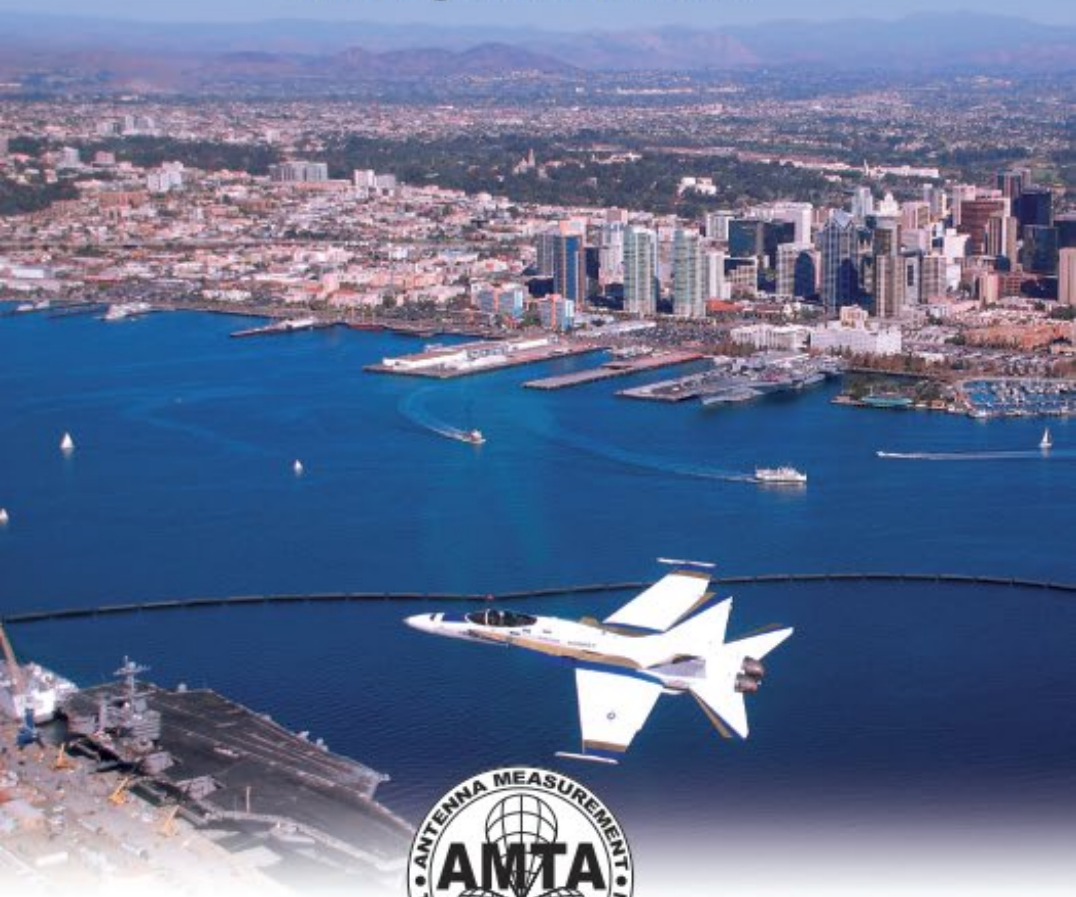
41<sup>st</sup> Annual Meeting and Symposium of the  
Antenna Measurement and Techniques Association



# AMTA 2019

## CALL FOR PAPERS

October 6-11, 2019  
San Diego, California USA



HOSTED BY



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SAN DIEGO STATE  
UNIVERSITY



# INVITATION

**MVG** is proud to host the 41<sup>st</sup> Annual Meeting and Symposium of AMTA 2019 in the sunny city of San Diego, California, from October 6-11, 2019. San Diego State University joins MVG as co-host and together we cordially invite you to attend and participate in this annual event.

The Antenna Measurement Techniques Association (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](http://www.amta.org) for more information.

## Symposium Benefits

- High-quality technical papers presented on a continuous basis over four days
- A practical, full-day short course related to antenna measurements
- Boot camp courses to get (back to) the basics
- Exhibits showcasing antenna and RCS measurements
- Known leading companies related to antenna measurement products and services
- Networking opportunities with industry experts
- A technical tour to a business highlighting techniques related to the industry
- Remarkable social events in and around San Diego
- Daytime companion tours to area highlights

For more information about AMTA 2019, please visit [www.amta2019.org](http://www.amta2019.org)

or contact

Kim Hassett, AMTA 2019 Chair at  
[host@amta2019.org](mailto:host@amta2019.org)

Hosted by

MVG - The Microwave Vision Group  
1320 Air Wing Road, Suite 101  
92154 San Diego, CA, USA  
[www.mvg-world.com](http://www.mvg-world.com)



# CALL FOR PAPERS

Authors addressing advancement and innovations in these or other topics of interest to AMTA are invited to submit a 250–350 word abstract for review and possible presentation at the Symposium.

## Topics of Interest

### HOT TOPICS

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- 5G wireless technology
  - Antennas and radar in automotive applications
  - IoT and M2M applications
  - Massive MIMO advances
  - Medical advances
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- Hardware in the Loop
  - Mm-wave, 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, adaptive/smart antenna application and measurement
  - 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
  - Multi-link MIMO and cooperative channels
  - In-situ testing and channel sounding

## Submit an Abstract

Electronic submission of abstracts is required. Abstract submission will begin in the March 2019 timeframe. For details on abstract submission, please refer to the AMTA 2019 website: [www.amta2019.org](http://www.amta2019.org)

Submission requires an account and password; account registration is free. Questions may be referred to: [technical-coordinator@amta.org](mailto:technical-coordinator@amta.org)



# Deadlines

50-350 word e-mail abstract:

**April 26, 2019**

Notification e-mail of acceptance:

**May 31, 2019**

MS Word or searchable PDF manuscripts:

**July 19, 2019**

We understand that some authors may be required to submit their abstracts, papers, and presentations for public release approval. Please start this process early so that you can meet the above deadlines.



[www.amta2019.org](http://www.amta2019.org)

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# STUDENTS

## Student Papers

AMTA 2019 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 2020, and a one (1) year AMTA membership, active through December 31, 2020.

Award recipients are required to present their papers at the AMTA 2019 Symposium. Student paper guidelines will be sent upon acceptance of the abstract. Authors are asked to mark their abstract as "Student Paper" when submitting.

## Student Travel Scholarship

The scholarship is designed to encourage students interested in electromagnetics with an emphasis on antennas. It is open world-wide to undergraduate juniors and seniors as well as Masters and 1<sup>st</sup> year PhD students.

Students must show a demonstrated interest in electromagnetics and/or in antennas, and be able to attend the AMTA 2019 symposium. Award winners will receive travel funding up to \$2000 USD to attend the symposium as well as many other benefits. In order to apply, students must submit:

- An essay about his/her interest in AMTA, antennas, radar, or/and electromagnetic related field, giving background and plans for the future
- A resume with course/grade listings
- A letter of recommendation from the student's advisor or faculty member, or an AMTA Senior Member or Fellow, who is not a sitting Board Member or a member of the scholarship selection committee

Submittal deadline: **May 3, 2019**

Award announcement: **June 4, 2019**

See **[www.amta.org](http://www.amta.org)** for complete details or contact the Scholarship Chairman at [scholarship@amta.org](mailto:scholarship@amta.org)

