



Antenna Test & Measurement Society

(A T M S)

In Pursuit of Excellence

The 12th Annual International Conference

ATMS ~ 2019

Dear Participants,

Antenna Test & Measurement Society (ATMS) announces its 12th International Conference i.e. ATMS-2019 to be organized between 5th to 7th February, 2019.

This is an annual event, where the experts of the field share new ideas of research and their experience. It is a common platform where students, young researchers, and young faculty members can discuss their measurement and design related issues with the industry experts and senior researchers. Young antenna engineers/researchers/faculty members can get new ideas on start-of-the-art measurement techniques and new research direction.

The Conference has a theme of "5G Technology Its Applications and Antennas", it will be organized between 5th & 6th February, 2019. The topics to be covered during the Conference are mentioned below. Authors are requested to contribute papers as per the guidelines mentioned on our website.

On 4th February, 2019, one day tutorials on "Modern Antenna Measurements" have been planned.

To encourage students to present their papers, a separate session has been arranged. A Jury will judge The Best Paper presented during the session and will be rewarded. Interested students are requested to follow our website for the Eligibilities & Rules for selection of paper/s as Students' Papers.

: Topics :

The Conference will broadly cover the topics given below and you are requested to contribute your paper/s accordingly.

1. Theory And Application Of Measurement Of Antennas And RADAR.
2. Antenna/ RCS / Radome characterization recent and in future.
3. Recent advances in indoor and outdoor ranges And LOW COST CHAMBERS FOR ANTENNA MEASUREMENT
4. In-situ Characterization of Antenna.
5. Data Acquisition and processing software of near field measurement.
6. Antenna Measurement in Non - Anechoic Environments.
7. Time Domain Antenna Measurements Vis-a-Vis frequency domain.
8. Antenna Calibration, uncertainty analysis.
9. Antenna for Bio-Medical, Industrial home land security, Civil Eng. Applications and Its Measurements.
10. R.F. Material Characterization.
11. Recent Advances in Near Field Measurements Techniques.
12. Antenna Applications And Emerging Technologies.
13. Multi band antenna.
14. Frequency selected antenna.
15. Satellite antennas and tracking antennas.
16. Antenna for 5G & 6G applications including MIMO.
17. Ultra-wide band/ frequency independent / wearable / textile antenna and its measurement / fabrication inclusive of SWITCHABLE MULTI BAND ANTENNAS .
18. New Measurement Techniques and Facility Evaluation Standards.
19. Characterization of Frequency Selective Surfaces.
20. Impulse Radiating Antenna Characterization.
21. Advances in PCS/cellular/ automotive measurement techniques and Facilities.
22. Challenges in RFID/Wireless/RFIC/MMIC antenna design and testing.
23. Computational electromagnetic / Transformational electromagnetic.
24. New challenges in Antennas.
25. Antenna For Automotive RADAR.
26. INTELLIGENT ANTENNA
27. ANTENNAS THAT ARE ELECTROMAGNETICALLY TRANSPARENT (ELECTROMAGNETICALLY INVISIBLE ANTENNAS)
28. ANTENNAS USED FOR CAMAFLOUGE

Apart from the research papers, a few Invited Talks will be arranged on topics of special interest.

Paper Submission

All papers must be submitted in the **IEEE standard two-column conference format of A4 size in English**. Papers must be **TWO to FOUR pages** in length, including all texts, references, figures and photographs. Any submitted paper that exceeds four pages will be rejected. The first page must include the title of the paper, author(s), affiliation(s), address, and article text. Please do not include page numbers on submitted documents. Failing to conform the standard format will result in rejection. Detailed format information is available in [Microsoft Word format](#). The paper should consist of original and previously unpublished work, including specific results. The introduction of the paper should clearly indicate the unique aspects of the submission and how it relates to previous work.

- Email, alternate email/s, Telephone & FAX Number.
- Summary of the Paper.
- Student Authors are requested to mark their paper as "Student Paper" when submitting for consideration under 'Student Category'.

Please submit in IEEE format on our WEBSITE.

Schedule

Subject	Date
First Call For Papers.	Aug - 2018
Second Call For Papers.	Sept - 2018
Third And Final Call For Papers.	Oct - 2018
Deadline For Submission Of Full Paper.	15 th - Oct - 2018
Notification For Acceptance Of Papers.	30 th - Nov - 2018
Final Submission Of Full Papers.	15 th - Dec - 2018

: Note :

Please note that authors may be required to submit their papers and presentations for internal review. The papers will undergo Blind Reviews; therefore, authors are requested to submit their papers in two copies, one without name and affiliations for this purpose.

Further, authors are requested to begin the process of approval for publication at their respective organizations / labs / universities, at the time of paper submittal in order to complete the approval process on or before the e-manuscript deadline of 15th December, 2018.