



5th IEEE Applied Electromagnetics Conference (AEMC-2015)

A Biennial Event of IEEE AP/MTT Kolkata Chapter

IIT Guwahati | 18-21, December | Assam, India



General Chairs:

Ratnajit Bhattacharjee
IIT, Guwahati-India
Goutam Chattopadhyay
NASA-JPL, California-USA

Technical Program Chairs:

Satish Sharma
SDSU, San Diego-USA
K. Rakesh Singh
IIT, Guwahati-India
Jayanti Venkataraman
RIT, New York-USA

Tutorial Chairs:

Rabindra K. Mishra
Behrampur University, India
Ramesh K. Sonkar
IIT, Guwahati-India
Jawad Y. Siddiqui
University of Calcutta, India

Publication Chairs:

Prabin K. Bora
IIT, Guwahati-India
Kumar Vaibhav Srivastava
IIT, Kanpur-India

Finance Chairs:

Sisir K. Nayak
IIT, Guwahati-India
Gaurav Trivedi
IIT, Guwahati-India

Local Organizing Committee Chair:

Chitrallekha Mahanta
IIT, Guwahati-India

Call for Papers

The 5th biennial IEEE Applied Electromagnetics Conference (AEMC-2015) is scheduled to be held during December 18-21, 2015 at Indian Institute of Technology Guwahati (IITG), India. This is being organized by **Department of EEE, IIT Guwahati** in association with the **AP-MTT Joint Chapter of IEEE Kolkata Section**. The conference provides a forum for knowledge sharing and exhibition of theoretical and technological development in the general areas of applied electromagnetics. Special session is also being planned to enhance industry-academia interaction. Authors are invited to submit contributions for review and consideration for presentation at the symposium on topics of interest to AEMC 2015. Papers will be presented in either oral or poster sessions. Assignment to oral or poster sessions will be based solely on the recommendation of TPC. Selected papers as decided by the TPC are likely to be archived in the IEEE Xplore. Paper submission link will open on July 1, 2015. All paper submissions are due no later than August 31, 2015.

AEMC 2015 also invites tutorial proposals on the general areas of applied electromagnetics, emerging microwave and antenna technologies.

As in its previous editions, the AEMC in 2015 aims at providing an opportunity for presentation, discussion and promotion of research on contemporary topics in applied electromagnetics. The AEMC 2015 will focus on new ideas and the latest developments for both academia and industry throughout the international community in the following 22 topics, is listed below.

AEMC 2015 Tracks (Track Code shown within bracket):

- Antenna Theory and Techniques (ATT)
- Antennas for Defence and Space Applications (ADS)
- Bio-electromagnetics (BEM)
- CAD of Antennas and microwave circuits (CAD)
- Computational Electromagnetics (CEM)
- Dielectric Resonator Antennas (DRA)
- EM Modelling of Electrical and Electromechanical Systems (EEM)
- Electromagnetic Compatibility (EMC)
- EM Education (EME)
- Electromagnetic Materials (EMM)
- RF and Microwave Power Amplifiers
- Electronic Packaging and Interconnects (EPI)
- Materials for Antenna Technology (MAT)
- Microwave Devices and Circuits (MDC)
- Microstrip and Printed Antennas (MPA)
- MEMS and RFID (MRF)
- Mobile and Wireless Antennas (MWA)
- Microwave Processing (MWP)
- Microwave and Wireless Systems (MWS)
- Microwave Techniques (MWT)
- Radar and Satellite Technology (RST)
- Tera Hertz Technology (THT)
- Wave Propagation and Remote Sensing (WPR)

Guide for Authors:

Papers must be drafted in the IEEE standard two-column format. Papers must be limited to two pages in length, including text, references, and figures. All papers must be submitted in IEEE Xplore compliant PDF format via the AEMC 2015 website. The submissions must include IEEE copyright forms. Only electronic submissions in PDF format will be accepted. Please visit the AEMC 2015 website for the latest instructions, templates, and formats.

- Paper submission starts: July 01, 2015
- Paper submission ends: Aug. 31, 2015

- [http:// www.iitg.ac.in/aemc2015/](http://www.iitg.ac.in/aemc2015/)
- Email: aemc2015@iitg.ernet.in



- Indian Institute of Technology Guwahati
- IEEE AP-MTT Kolkata Chapter
- IEEE Antennas and Propagation Society

