

# IEEE-INAE Workshop on Electromagnetics (IIWE)

December 6-8, 2018

Mascot Hotel, Trivandrum, Kerala, India

## Announcement and Call for Papers

[www.iwe.in](http://www.iwe.in)

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Ratnajit Bhattacharjee, IIT Guwahati  
S Raghavan, NIT Trichy  
Latha Christie, DRDO, Bangalore

### Workshops & Special Sessions

Abdulla P, CUSAT, Cochin  
Basudev Majumder, IIST Trivandrum  
Sunandan Bhunia, Central Institute of Technology, Assam

### Awards and Grant Chairs

Chittajit Sarkar, SVIST  
Basudev Majumder, IIST Trivandrum

### Local Arrangements

Aneesh Kumar, VSSC, Trivandrum  
Anu Mohammed, CET Barton Hill  
Vinod Kumar, IIST Trivandrum  
Vigneshram, SKCT, Coimbatore

### Industry Liason & Exhibition

Sherly Joy, VSSC, Trivandrum  
Santanu Dwari, IIT-ISM Dhanbad

### Registration

Debarati Ganguly, LMCST, Trivandrum  
Elizabeth George, IIST Trivandrum  
Janani T, SKCT, Coimbatore

### Student Volunteers

S. Pranav Kumar J. Singh  
Dinesh Kumar Gupta  
Keerthipriya S

The Kerala and Madras Chapters of the IEEE Antennas and Propagation Society, with technical co-sponsorship from Indian National Academy of Engineering (INAЕ), in association with Indian Institute of Space Science and Technology (IIST), Trivandrum announce the 2018 IEEE-INAЕ Workshop on Electromagnetics (IIWE) to be held during December 6 to 8, 2018 in Mascot Hotel, Trivandrum, India.

### This workshop has the following particular objectives:-

- Exposure to high-quality electromagnetic research activities taking place in the country and internationally through invited talks by established academicians and researchers
- Exclusive platform for the PhD students and scientists pursuing quality research to present their work
- Promoting a culture of scholarly interactions by scheduling detailed interaction after each presentation/ session

The theme of the IIWE-2018 is Computational Electromagnetics. Prospective researchers are invited to submit original work in the areas of Computational Electromagnetics, Microwave circuits and Antennas.

### Topics of Interest

- Advanced CEM Techniques
- FEM Modeling and Applications
- Reflector Antennas
- Antenna Feeds for Tracking Applications
- Beam forming Techniques
- Technologies for mm and sub-mm waves
- Frequency Selective Surfaces
- Reconfigurable and Multi-functional Antennas
- Radar Imaging
- Optical and Nano-Antennas
- Antennas for Small Satellite
- Optimization Techniques
- Integral Equations and Hybrid Methods
- Advanced Materials for Antennas
- Phased Array Antenna
- MM Wave and THz Antennas
- MIMO Antennas and Systems
- Metamaterials / Metasurfaces and Applications
- Dielectric Resonator Antennas
- EMI / EMC / EMP
- Electromagnetic Education
- Antennas for Modern Wireless Applications
- Space Antennas

### Submission Guideline

For paper submission instructions and template, please visit  
<https://easychair.org/conferences/?conf=iwe2018>

### Important Dates

Preliminary paper submissions - Aug 15, 2018	Journal paper submission due - Dec 31, 2018
(2-4 pages in PDF form)	1 <sup>st</sup> Review - Feb 28, 2019
Notification of acceptance - Oct 01, 2018	2 <sup>nd</sup> Review- April 30, 2019
Final paper submissions - Oct 15, 2018	Final Decision – June 30, 2019
Travel support award notification- Oct 15, 2018	Publication- Aug, 2019

### Student Paper Awards (each carrying cash prize and certificate)

Abdul Kalam Best Paper Award  
Vikram Sarabhai Best Paper Award  
Satish Dhawan Best paper Award

### Registration Fee

	IEEE Member	Non- Member
<b>Students</b>	3000 INR	3500 INR
<b>Faculty</b>	4000 INR	4500 INR
<b>Industry</b>	6000 INR	6500 INR

### \*Special Journal Issue\*

Expanded versions of the accepted papers of the event will be invited for publication in special issue of International Journal of RF and Microwave Computer Aided Engineering, Wiley USA.  
Submitted papers will go through the normal review process before being accepted.

Contact us for queries at: [iwe2018@gmail.com](mailto:iwe2018@gmail.com)