

## IEEE Bangalore Section Events

### iAIM-2017: International Conference on Antenna Innovations and Modern Technologies for Ground, Aircraft and Satellite Applications



The International Conference on Antenna Innovations and Modern Technologies for Ground, Aircraft and Satellite Applications (iAIM 2017) was held in Hotel Sterlings Mac, Bangalore during 24-26 Nov 2017. ([www.ieeeiam2017.org](http://www.ieeeiam2017.org))

It was one of the largest conferences of IEEE Antenna Community in India, organized by IEEE Bangalore Section and supported by IEEE AP/MTT Joint Bangalore Chapter and IEEE APS. There were nine eminent speakers for two Keynote and seven Invited Talks. They were: Dr. Sudhakar Rao, IEEE Life Fellow, Northrop Grumman, Dr. Paul A Rosen, NASA/JPL, Prof. Ahmed Kishk, 2017 IEEE APS President, Dr. Clency Lee Yow, CMi, Mr. Rajeev Jyoti, SAC/ISRO, Dr. A K Singh, DLRL/DRDO, Dr.

V V Srinivasan, ISTRAC/ISRO, Dr. NNSR K Prasad, ADA/DRDO and Prof. Debatosh Guha, CU.

This year focus of the conference was on Antenna Innovations and Modern Technologies for Ground, Aircraft and Satellite Applications. A workshop on the same theme was also organized with Prof. Prabhakar H Pathak, OSU, Dr. C J Reddy, Altair and Dr. Giancarlo Guida, IDS as resource persons. An industry exhibit was also organized in which more than 15 industries participated to showcase their product and recent developments in antenna technology. More than 400 participants were able to congregate and share their work and participated in iAIM.



Out of 176 research papers received, 123 papers/posters were selected after peer review by more than 40 scientists/engineers. The selected papers were presented in 16 Technical Oral Presentation sessions and posters were presented during 6 technical poster presentation sessions. The above selected and presented papers and posters have been sent to IEEE Xplore for publication. To encourage the researchers, the conference committee instituted 27 different categories (iAIM Best Paper Award-1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup>, Mr. Franco Bernalli Best Student Paper Award, Dr. NNSR K Prasad Best Female Student Paper Award, 16-Best Paper Award in a Technical Session and 6- Best Poster Award in a Poster Session) of awards with prize money of more than US\$ 1500. Dr. Sudhakar Rao Travel Grant (INR 5000) was provided to one female and one male researcher and 50 Students were provided iAIM Student Travel Grant (sleeper class train fare-to & fro).

This year three additional workshops on 5G Technology, Humanitarian Technology, and Next generation Antenna Measurements were introduced with an aim to provide the latest information on future technologies and encourage participants to develop technologies for the benefit of humanity. Dr. Tim Lee, IEEE 5G Initiative Co-Chair, Prof. C Y Desmondsim, Fengchia University and Mr. Andy Chung, ETS-Lindren were speakers in workshop on 5G. Dr. Tim Lee, IEEE SIGHT Chair, Prof. Steve Reising, Corolado University, Dr. Ravinder Dahiya, University of Glasgow, Dr. Neha Satak, Astrom Technologies and Dr. Ashok Das, Sunmoksha were speakers for Workshop on Humanitarian Technology. Mr. Puneet K Mishra had conducted the workshop on Next Generation Antenna and Payload Measurements.

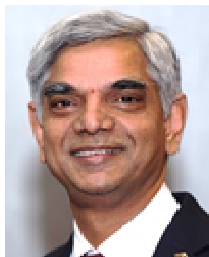


Two panel discussions were held. One on 5G India 2020: Vision and Perspective with Mr. Rajesh Pathak, Director, DoT, Govt of India, Ms. Pamela Kuamr, Director General, TSDSI, Prof. A R Harish, IITK, Mr. Ratnakar VR, SAMSUNG and Mr. Ravikiran A, IEEE 5G Initiative as panellists. As an outcome a working group on Antennas was formed. The second panel discussion was on Next Generation Industry and Academia collaboration in Antenna Technology with Dr. Tim Lee, Boeing, Dr. Sudhakar Rao, Northrop Grumann, Dr. Surendra Pal, DIAT, Dr. Hema Singh, NAL, Dr. S B Sharma, Indus University, Dr. DC Pande, DRDO, Prof. Ahmed Kishk, Concordia University as panellists. Both the panel discussions were moderated by Mr. Puneet Kumar Mishra, General Chair, iAIM.

The conference was generously supported by ANSYS, IDS, IEEE-APS-IIC, CST, Airbus, Aniritsu, C-DoT, ETS-Lindgren, IEEE HAC, IEEE 5G, JV Micoronics, Mathsworks, NI, Altair, CMi, DMC and IEEE Young Professionals.

*Report by: Puneet Kumar Mishra, General Chair, IEEE iAIM 2017 & Vice Chair, IEEE Bangalore Section*

### IEEE ICNL Congratulates the prestigious award winners



**Mr. Ramakrishna Kappagantu**

**2017 MGA Larry K. Wilson Transnational Award**

For dynamic leadership in building a vibrant IEEE Asia Pacific community



**Mr. Puneet Kumar Mishra**

**2017 MGA Achievement Award**

For exemplary contributions to increase member engagement and operational effectiveness within several Geographic Units.