

# WORKSHOPS & TUTORIALS

**CLUSTER-1: Morning Session (08:30 A.M. to 01:00 P.M.)**  
**CLUSTER-2: Afternoon Session (02:00 P.M. to 06:30 P.M.)**

## REGISTRATION DETAILS

Categories	Early Bird (Till 31st Oct, 2025)	Regular (1st Nov - 7th Dec, 2025)	On-Spot (14th - 18th Dec 2025)
<b>INDIAN DELEGATES (INR)</b>			
Professionals	₹3,000	₹3,500	₹4,000
Students	₹1,000	₹1,500	₹2,000
<b>FOREIGN DELEGATES (USD)</b>			
Professionals	\$40	\$44	\$50
Students	\$15	\$20	\$25

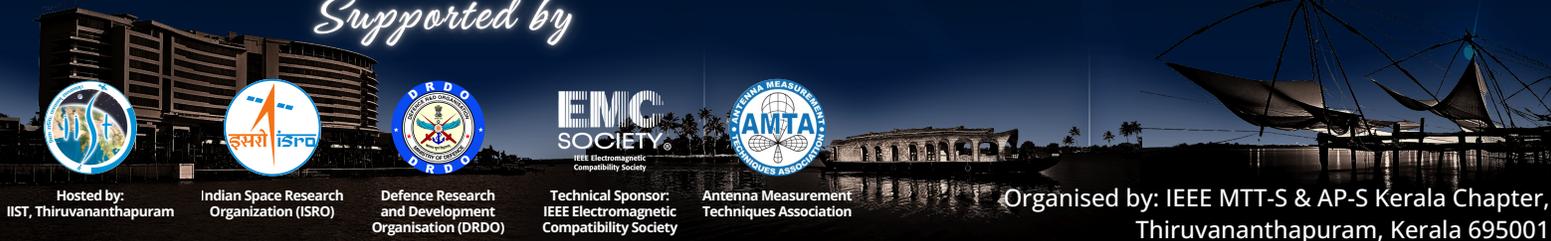
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Organised by: IEEE MTT-S & AP-S Kerala Chapter, Thiruvananthapuram, Kerala 695001

## CLUSTER-1

### Morning Session (08:30 A.M. to 01:00 P.M.) (Tea Break: 10:30 - 11:00 A.M.)

Sl No.	Workshop Name	Organizer(s)	Speaker(s)
1	Quantum Initiative Workshop (Hands-on Workshop: Design and Simulation of Quantum Superconducting Circuits with ADS)	Keysight Technologies	1. <b>Amlan Chakrabarti</b> , Director, AKCSIT, University of Calcutta, India 2. <b>Soumya Dey</b> , R&D Program Manager Keysight Technologies, India 3. <b>Anil-Kumar Pandey</b> , Principal R&D Engineer, Keysight Technologies, India 4. <b>Uday Sannigrahi</b> , Research Scholar (M.Tech), University of Calcutta, India 5. <b>Shobhit Tiwari</b> , R&D Expert, Keysight Technologies, India
2	Waves, Wires & Wizards: Towards Solving Ubiquitous Connectivity	A.Mohandas & D.Krishnaswamy (C-DOT, Government of India)	1. <b>Dilip Krishnaswamy</b> , Executive Vice-President, C-DOT, India 2. <b>Navin Kumar</b> , Professor and Chairman (ECE Dept.), Amrita School of Engineering 3. <b>Manoj B. S.</b> , Senior Professor and Associate Dean, IIST Thiruvananthapuram 4. <b>Anand Mohandas</b> , Lead - 6G System Innovation Lab, Scientist "E", C-DOT
3	Introduction to Electromagnetic Compatibility	IEEE EMC Society	1. <b>Vignesh Rajamani</b> , Rohde and Schwarz 2. <b>Tom Braxton</b> , Illinois Institute of Technology 3. <b>John LaSalle</b> , Northrop Grumman 4. <b>Jaleel Akthar</b> , BIS Chair Professor, IIT Kanpur 5. <b>Vikass Monebhurrn</b> , Associate Professor, CentraleSupélec GeePs Paris, France
4	Innovations in Wireless Power: Beamforming, On-Demand Energy, and Sustainable RF Harvesting	Ifana Mahbub & Nuno Borges Carvalho	1. <b>Nuno Borges Carvalho</b> Professor, Universidade de Aveiro, Portugal 2. <b>Chinmoy Saha</b> , Professor, IIST Thiruvananthapuram 3. <b>Diego Masotti</b> , Professor, University of Bologna, Italy 4. <b>Jasmin Grosinger</b> , Professor, University of Siegen, Germany 5. <b>Ifana Mahbub</b> , Associate Professor, UT Dallas 6. <b>Gopika R.</b> , Research Scholar, IIST Thiruvananthapuram
5	Advanced Industry Workshop- 1	1. <b>Astra Microwave</b> 2. <b>MVG: Microwave Vision Group</b> 3. <b>APC Technologies</b> 4. <b>Win Semiconductor</b>	1. <b>Next-Gen Radar Systems: Innovations in Microwave Engineering and Signal Processing Algorithms</b> (Dr. V.K. Anandan, CTO, SVP, Astra Microwave) 2. <b>Radar Cross Section Measurements</b> (Speaker: Uri Shemer, Presales Manager, MVG) 3. <b>Technical Talk by APC Technology</b> (Ranu Bhatnagar, APC Technologies) 4. <b>Introduction of latest mm-wave GaAs and GaN device technology in WIN Semiconductor foundry service</b> (Cheng-Kuo Lin, AVP, WIN Semiconductors)
6	R&S VNA mmWave portfolio up to 1.1THz	Rhode & Schwartz	<b>Christian Dille</b> , Market Segment Manager Research & Universities, Rhode & Schwartz

LUNCH BREAK (01:00 P.M. to 02:00 P.M.)

## CLUSTER-2

### Afternoon Session (02:00 P.M. to 06:30 P.M.) (Tea Break: 04:00 - 04:30 P.M.)

Sl No.	Workshop Name	Organizer(s)	Speaker(s)
7	Advanced Workshop on Precise VNA Calibration, Validation, S-Parameter Measurement, and Analytical Visualization	Maury Microwave	1. <b>Zacharia Ouadirhi</b> , Senior VP (Sales), Maury Microwave 2. <b>Vishal Gupta</b> , Maury Microwave 3. <b>Giampiero Esposito</b> , Maury Microwave
8	Innovations in Drone Threat Mitigation: From Detection to Neutralization	Ragesh G K Debarati Ganguly B S Manoj	1. <b>Oluwakayode Onireti</b> , Senior Lecturer, University of Glasgow 2. <b>Abhishek Awasthi</b> , Paras Antidrone Technologies Pvt. Ltd
9	Design and Development of Small Satellites: A Full System Perspective	IIST & ISRO (Government of India)	1. <b>Priyadarshanam Hari</b> , Professor, IIST Thiruvananthapuram 2. <b>Jan Budroweit</b> , Communication System Engineer, Germany Aerospace Center (DLR)
10	Theoretical & Computational Electromagnetics	MAPCON 2025	1. <b>Ramakrishna Janaswamy</b> , Professor, University of Massachusetts, Amherst, USA 2. <b>Uday Khankhoje</b> , Electrical Engineering, IIT Madras, India
11	Advanced Industry Workshop-2	1. <b>MathWorks</b> 2. <b>Dassault Systemes</b>	1. <b>Top-Down Design of an RF Receiver and Antenna Front-End Integration</b> (Sumit Garg, Principal Application Engineer, Mathworks India) 2. <b>Reconfigurable Intelligent Surfaces (RIS)</b> (Joel Kirshman, SIMULIA Industry Business Senior Consultant)
12	Recent Advances in Antenna and Device Measurement Techniques and Standardization	AMTA (Antenna Measurement Techniques Association), Ashutosh Kedar & Mahesh A.	1. <b>Olav Breinbjerg</b> , EIMaReCo, Copenhagen, Denmark 2. <b>Lars Foged</b> , Vice President, R&D, Microwave Vision Group 3. <b>Neeraj Kumar</b> , Accordyne, India 4. <b>DC Pande</b> , LRDE, DRDO, India
13	Advancing Humanity and Society through STEM: Driving Innovation for a Resilient Future  (OPEN TO ALL MAPCON 2025 PARTICIPANTS)	IEEE MTT-S SIGHT, IEEE AP-S SIGHT & COPE, IEEE MTT-S Broadening Participation Committee (BPC) & IEEE DataPort	1. <b>Goutam Chattopadhyay</b> , NASA JPL, USA 2. <b>Cristophe Fumeaux</b> , University of Queensland 3. <b>Chinmoy Saha</b> , IIST Thiruvananthapuram 4. <b>Debabani Choudhury</b> , SeraTech Thousand Oaks, CA, USA 5. <b>Ajay Poddar</b> , Synergy Microwave, USA 6. <b>Sampath Veeraraghavan</b> , Alexa AI Group, Amazon, USA 7. <b>Jawad Siddiqui</b> , RMC, Canada 8. <b>GS Mani</b> , IEEE Pune J/CAME 9. <b>K.N. Siddiqui</b> (Cardiologist), B.M. Birla Heart Research Centre, Kolkata, India 10. <b>Glauco Fontgalland</b> , University of Mount Union Alliance, USA 11. <b>Sujata Gupta Kedar</b> , Mt. Carmel College, Bengaluru, India 12. <b>Anjali Diwan</b> , Marwadi University, India

