

Date	Hrs/Hall Name	GBR-1	GBR-2	Bidar	Hampi	The Board Room	Kabini	Varuna	GBR-3&4
12/12/2022	8.00-8.30	Workshop Registration							
	8.30-10.30		Workshop -1 on Comprehensive Simulation Solutions for	TUTORIAL on Treatment of Some Fundamental Topics in Antenna				Workshop -2 on Fundamentals of Antenna Measurements	
	10.30-11.00	TEA BREAK							
	11.00-13.00		-do	-do	SIGHT Workshop			-do	
	13.00-14.00	LUNCH BREAK							
	14.00-16.00		-do	-do	SIGHT Workshop			-do	
	16.00-16.30	TEA BREAK							
	16.30-17.30		-do	-do	-do			-do	
13/12/2022	8.00-9.00	Conference Registration							
	9.00-10.00	Inaugral session (Hall: GBR 1-2)							
	10.00-10.30	Exhibition Inauguration (Hall: GBR 3-4)							
	10.30-11.00	TEA BREAK							
	11.00-11.45	P1: Next Generation Satellite Technologies: Shr. M Sankaran, Director, URSC/ISRO							
	11.45-12.30	P2: Next Generation Radar Technologies: Dr. P RadhaKrishna, Director, LRDE/DRDO							
	12.30-13.30	LUNCH BREAK							
	13.30-16.00	Keynotes (1-5)	O1: Defense Antenna Technology	O2: Passive components and circuits-I	O3: Meta Material Based Absorbers-I	O4: Active Circuits-I	O5: Microstrip Antennas	O6: DRA	Exhibition & Student Best Paper Award Evaluation
	13.30-14.00	K1: Millimeter Wave Integration and Packaging Strategies using Antenna-in-Package: Rashaunda Henderson, 2022 IEEE MTT-S President							
14.00-14.30	K2: A New Generation of Metasurface Antennas: Prof. Stefano Maci, 2023 IEEE AP-S President								

	14.30-15.00	K3: RF Challenges in Integration of Airborne Early Warning & Control System: Dr. Rajlakshmi Menon, Director, CABS/								
	15.00-15.30	K4: Probing the Universe using radio waves: where engineering meets astronomy: Yashwant Gupta, Centre Director, National Centre for Radio Astrophysics, Pune								
	15.30-16.00	K5: Modeling Electromagnetic Phenomena in Large Quantum Systems: Prof. Amir Boag, Tel Aviv University, Israel								
	16.00-16.30	TEA BREAK								
	16.30-16.30	Keynotes (6-9)	O7: Satellite Payloads	O8: Passive components and circuits-II	O9: Meta Material Based Absorbers-II	O10: Energy Harvesting Systems	O11: Antenna Arrays	O12: Bio Medical Antennas & Devices	Exhibition & Student Best Paper Award Evaluation	
	16.30-17.00	K6: Emerging Trends in Reconfigurable Antennas for SATCOM Applications: Dr. Milind Mahajan, GD, ASG, SAC/ ISRO Ahmedabad								
	17.00-17.30	K7: Next Generation RF Seekers: Dr. D R Jahagirdar, RCI, Hyderabad								
	17.30-18.00	K8: UWB Future 5G Transceivers & Wearable Electronics: Prof. John L. Volakis, Dean, Florida International University Miami								
	18.00-18.30	K9: Microwave – THz-wave Technology & Applications: An Indian Perspective : Dr. Lalit Kumar, INAE Expert Group MW-TW/CEERI, Pilani								
	18.30-18.50	Banquet TED Talk 1: Challenges and Opportunities of Decarbonization in the Global Electric Power Sector: Saifur Rahman, 2023 IEEE President & CEO								
	18.50-19.10	Banquet TED Talk 2: Dr. Aniruddh Mukhopadhyay, Field Chief Technologist Ansys, Inc.,								
	19.10-19.30	Banquet TED Talk 3:Engineering Indian Space Program: Dr. M Annadurai, Former Director, URSC/ISRO								
19.30-20.30	Cultural Program									
20.30-21.30	Welcome Dinner									
14/12/2022	8.30-10.30	Special Session (S1) on Measurements	O13: Satellite Antenna Technologies	O14: Passive components and circuits-III	O15: Meta Material Based Antennas	O16: Characterization of RF Systems	O17: MIMO Antennas	O18: Wideband Antennas-I	Exhibition & IS1:Interactive (Poster) Session	
	8.30-8.50	K10: Development and Antenna Measurement of Millimeter-Wave Metamaterials for 5G Mobile and Satellite Communication Systems: Prof.Sungtek Kahng,Incheon National University (Republic of Korea)								
	8.50-9.10	MVG								
	9.10-9.25	Anritsu								

9.25-9.35	Polarimetric Inverse Synthetic Aperture Radar Imaging via PREDICS Tool, Caner Özdemir , Diamond Microwave Chambers, USA								
9.35-9.45	Rodhe & Schwarz								
9.45-9.55	JV Micronics								
9.55-10.05	SABIK								
10.05-10.10	Albatross								
10.10-15	ICON								
10.15-10.20	Airbus								
10.30-11.00	TEA BREAK								
11.00-12.30	Special Session (S2) on 6G	O19: Defense Devices Technologies	O20: Semiconductor Device Technologies-I	O21: Shared Aperture/ Wideband Antennas	O22: UWB Antennas	O23: Phased Array Antennas	O24: Wideband Antennas-II		
11.00-11.20	K11: Shaping the 5G and Beyond Ecosystem in India: Dr. Tushar Sharma, Renesas								
11.20-11.40	K12: Technology Enablers and Roadmap to 6G: Dr. Kiran Mukkavilli, Qualcomm USA								
11.40-12.30	Panel Discussion: Dr. Tushar Sharma, Renesas, Dr. Kiran Mukkavilli, Qualcomm, Mr. Santhosh Kumar, TI, Mr. Akshay Aggarwal, MediaTek, Dr. Alok Nath De, Samsung (Moderator)								
12.30-13.30	LUNCH BREAK								
13.30-15.00	Plenary Session Women in Electromagnetics & Microwaves								Exhibition & IS2: Interactive (Poster) Session
13.30-13.50	P3: Women in Microwaves: Rashaunda Henderson, 2022 IEEE MTT-S President								
13.50-14.10	P4: MTT-S WiM Initiatives: Charlotte Blair, ANSYS								
14.10-15.00	Presentations by Selected WIEM Speakers								
15.00-16.30	Special Session (S3) on Array Antennas	O25: High Power Sources	O26: Semiconductor Device Technologies-II	O27: SIW Antenna-I	O28: Propagation and Scattering	O29: 5G Antennas-1 (6)	O30: IOT/V2V/ V2X/ Industrial Technologies		
15.00-15.30	K13: Near-Field Focused Antenna Arrays for Short Range Communications and Wireless Power Transfer, Prof. Giuliano Manara, University of Pisa, ITALY								
15.30-15.50	Dynamic Beam Forming and Modulation using a Reconfigurable Metasurface, KJ Vinoy, Indian Institute of Science, Bengaluru								

	15.50-16.10	Simultaneous Near- and Far-field Beam Radiations of Phased Array of Antennas Excited by a Generalized Rotman Lens Beamformer for Vehicular ADAS Application, Hsi-Tseng Chou														
	16.10-16.30	Antenna-Platform Interaction Study in Phased Array Antennas, Dr.Ashutosh Kedar, LRDE/DRDO														
	16.30-17.00	TEA BREAK														
	17.00-18.00	Panel Discussion on "Unlocking of Space Sector and Opportunities for Antenna & Microwave Startups and Established Players"														
	18.00-18.20	Meeting the needs for extended pulse capability in GaN transistors and MMICs: Reyan Baker, WolfSpeed														
	18.20-18.35	Paras Defence														
	18.35-18.45	Centum														
	18.45-18.55	Micross														
	19.00-20.00	Awards Ceremony														
	20.00-21.00	Awards Dinner														
15/12/2022	8.30-10.30	Keynotes (14-18)	O31: Antenna Characterization	O32: Integrated Transceivers	O33: SIW Antennas-II	O34: Optimization/ Computational Techniques	O35: Reconfigurable Antennas	O36: Propagation in different medium (8)	Exhibition & IS3:Interactive (Poster) Session							
	8.30-9.00	K14: Development of mmW/THz Sources, Dr. Madhumita Chakravarti, Director, CMSDS, DRDO														
	9.00-9.30	K15: Compact Circularly polarized antenna designs for RF energy harvesting system, Dr. Nasimuddin, Institute for Infocomm Research, A-STAR, Singapore														
	9.30-10.00	K16: Building Uncooled Infrared Camera based on One Atom Thick Graphene, Prof. Debashish Chanda, University of Central Florida, USA														
	10.00-10.20	K17: Chipless RFID Technology, Prof Giuliano Manara University of Pisa,														
	10.20-10.30	K18: IETE and It's Role in India: Prof Guna Sekhar Reddy, President, IETE														
	10.30-11.00	Tea Break														

11.00-12.30	Special Session (S4) on Defense Radar Technologies	PHD Initiative Evaluation	YP Panel Discussion	O37: Reflect Array & Leaky Wave Antennas	CCM : IEEE AP-S/ MTT-S Chapter Chair's Meeting	O38: 5G Antennas-2	O39: Metamaterial Inspired Antennas		
12.30-13.30	Lunch Break								Exhibition &
13.30-16.00	Special Session (S5) on GaN MMIC: Impact on Strategic Systems	PHD Initiative Evaluation	BTech/ MTech Student Connect Evaluation	O40: Radars and Related Technologies	O41: Leaky Wave, Bistatic and Small Antennas	O42: Irregular Shaped Antennas	O43: Active Circuits II	IS4: Interactive (Poster) Session	
13.30-14.10	K19: GaN MMIC Technology and its impact on Design of Strategic Systems: Dr Suma Varughese, DG Med& Cos OS, Sc-H, DRDO								
14.10-14.40	Status of Indigenous GaN MMIC Technology: Dr D S Rawal, Sc-G, SSPL, DRDO								
14.40-15.10	GaAs and GaN MMIC Technology for Defence and Space Application: Mr Anant Naik, CEO GAETEC , OS , Sc-H								
15.10-15.35	Development of Indigenous Process Design Kit for GaN MMIC: Mr Samuder Gupta, Sc-G, SSPL.								
15.35-14.00	Development of Indigenous GaN MMIC: Dr Meena Mishra, Sc-G, SSPL								
16.00-17.00	Validictory Session								
17.00-17.30	TEA BREAK								