



2025 IEEE Wireless, Antenna & Microwave Symposium (WAMS 2025)

June 5-8, 2025

Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram
Chennai, Tamil Nadu

www.wams2025.com



Program Schedule

Pre-Conference Workshop

Day 0: 04 June 2025 (Wednesday)

Time	Venue	Activity
08:00 - 09:00	Senate Hall	Registration
09:00 - 09:45		Inauguration of IEEE AP-S and MTT-S Joint SBC
09:45 - 10:30		Talk by Prof. Christophe Fumeaux
10:30 - 10:45		Tea Break
10:45 - 11:30		Talk by Prof. Prabhakar H. Pathak
11:30 - 12:15		Talk by Dr. Sudhakar Rao
12:15 - 13:00		Talk by Prof. Satish Sharma
13:00 - 14:00		Lunch Break
14:00 - 14:45		Talk by Dr. Nacer Chahat
14:45 - 15:30		Talk by Prof. Chow-Yen-Desmond Sim
15:30 - 15:45		Tea Break
15:45 - 16:30		Talk by Prof. Eng Leong Tan
16:30 - 17:15		Session by MathWorks
17:15 - 17:30		Valedictory Session

Conference Schedule Overleaf

Day 1: 05 June 2025 (Thursday)			
Time	Venue	Activity	Moderators / Chairs
08:00 -		Registration (Venue: Registration Desk, Academic Block)	
09:00 - 10:00	H05	Inauguration, General Chair's Welcome Address & Dignitaries' Speeches	MCs Committee
10:00 - 10:30	H05	Keynote Talk 1: <i>Prof. Christophe Fumeaux (IEEE APS President)</i>	
10:30 - 11:30		Opening of Exhibition by Chief Guest & Tea Break	
11:30 - 12:00	H05	Keynote Talk 2: <i>Dr. Richie Dart (GM CMI, a Vitesse Systems Company)</i>	MCs Committee
	H15	Keynote Talk 3: <i>Prof Prabhakar Pathak (Professor Emeritus, The Ohio State University, USA)</i>	
12:00 - 12:30	H05	Keynote Talk 4: <i>Sri C.S. Rao (Chairman and Co-Founder, QuadGen Wireless Solutions Pvt Ltd.)</i>	MCs Committee
	H15	Keynote Talk 5: <i>Prof. D. Sim (Distinguished Professor, Feng Chia University, Taiwan)</i>	
12:30 - 13:00	H05	Keynote Talk 6: <i>Prof. Debatosh Guha (Institute of Radio Physics and Electronics, India)</i>	MCs Committee
13:00 - 14:00		Lunch Break	
14:00 - 16:00	H05	SS 1.1: Special Session 1 - High-Power/Millimeter/THz wave Sources and Components [Paper IDs: 188, 222, 228, 258, 259, 279]	Dr. Yuvaraj S (IIITDM) and Dr. Ashwini Sawant (IITG)
	H15	A1: Advanced Antenna Design 1 [Paper IDs: 2, 56, 71, 96, 115, 129, 150, 158]	Prof. D. Ramakrishna (OU) & Dr Ramesh Patel (IIT Tirupathi)
	H25	W1: Wireless Systems 1 [Paper IDs: 209, 219, 348, 381, 406, 506]	Dr. R. Sri Prakash (IIITDM) & Dr. S. Kirubakaran (ERNET)
	H01	A2: Advanced Antenna Design-2 [Paper IDs: 37, 54, 88, 313, 368, 524, 546]	Prof. Venkata Kishore Kothapudi (Vignan University) & Prof. Sukomal Dey (IIT Palakkad)
	H02	A3: MIMO & Beamforming Antennas [Paper IDs: 53, 64, 85, 125, 136, 249, 439]	Prof. Hsi-Tseng Chou (NTU, Taiwan) & Dr. Anusuya Nandi (Institute of Radio Physics and Electronics, UoC)
	Seminar Hall	Student Activity: M.Tech. Initiative	Ms.Surya Rajitha (IIT Roorkee) & Ms.Sai Harshini (Accenture)
16:00 - 16:30		Tea Break	
16:30 - 18:30	H05	SS 2.1: Special Session 2 - Antennas for space and ground systems [Paper IDs: 1, 63, 277, 286, 401]	Dr.Sravan Sagi (SAC/ISRO) & Dr. Nelson Fonseca (Anywaves, France)
	H15	A4: Reconfigurable Smart Antennas [Paper IDs: 108, 141, 185, 257, 364, 403, 440, 444]	Prof. M. Appajappa (RVR, Bangalore) & Dr. Balamati Choudhury (NAL, Bangalore)
	H25	W2: Wireless Systems 2 [Paper IDs: 74, 148, 263, 447, 490, 538]	Dr. Premkumar K. (IIITDM) & Dr. R. Dinesh (IIITDM)
	H01	M1: Radar Components and Applications [Paper IDs: 18, 32, 55, 307, 383, 557, 304]	Dr. Anantha Bharathi (OU, Hyderabad) & Dr. Jagannath Malik (IIT Patna)
	Seminar Hall	Student Activity: Rapid Thesis Challenge	Dr. Nrusingha Charan Pradhan (Central University of Karnataka) & Mr. Avinash Choudhury (IIITDM)
	Senate Hall	WAMS EC Meeting	Prof Ramana Reddy (JNTUA) & Dr Shiv Narayan (NAL, Bangalore)
18:30 - 20:00		Inaugural Meet & Networking	

Day-2 : 06 June 2025 (Friday)			
Time	Venue	Activity	Moderators / Chairs
08:00		Registration (Venue: Registration Desk, Academic Block)	
08:30 - 10:30	H05	Invited Talk 1: <i>Dr. Nasimuddin (Institute for Infocomm Research, Singapore)</i> A5: IoT and Automotive Antennas [Paper IDs: 47, 138, 212, 226, 416]	Prof. Taimoor Khan (NIT Silchar) & Dr. Elizebeth George (Digital University, Kerala)
	H15	Keynote Talk 7: <i>Prof. Eng Leong Tan (Nanyang Technological University, Singapore)</i> Electromagnetics Education Session: <i>Lectures by Prof. Harish, Dr Dhaval Pujara</i>	Prof. P. Pathak (The OSU, USA) & Prof. J. Siddique (IEEE SIGHT)
	H25	Keynote Talk 8: <i>Dr. Nacer Chahat (NASA/JPL, USA)</i> A6: Antenna Arrays [Paper IDs: 8, 98, 217, 236, 265, 511]	Dr. Sravan Kumar Sagi (SAC/ISRO, Ahmedabad) & Dr. A. Bharathi (OU, Hyderabad)
	H01	M2: Passive Components-1 [Paper IDs: 28, 34, 81, 176, 360, 483]	Dr. Nitesh Kashyap (NIT Jalandhar) & Viswanadham Ch (BEL)
	H02	Invited Talk 2: <i>Mr. Puneet Kumar Mishra (ISRO, Bangalore)</i> W3: Wireless Systems 3 [Paper IDs: 80, 105, 123, 271, 407, 553]	Mr. Puneet Kumar Mishra (ISRO, Bangalore), Dr. Preeth R (IIITDM) & Dr. Simhadri Ravishankar (Amrita University)
	H04	Student Activity: Student Project Competition	Ms. Sai Harshini (Accenture) & Ms. Reecha (REC)
From 10.00	Senate Hall	IEEE SIGHT Session	Ms Harshini Behara, Ms M.Divya, Dr. S. Yuvaraj & Prof. Vedula
10:30 - 11:00	Tea Break		
11:00 - 13:00	H05	Invited Talk 3: <i>Dr. Nelson Fonseca (Anywaves, Toulouse, France)</i> M3: Passive Components-2 [Paper IDs: 283, 326, 336, 384, 513, 554]	Dr. Koushik Dutta & Dr.M. Sivada
	H15	Invited Talk 4: <i>Dr. Sravan Kumar Sagi (SAC/ISRO, Ahmedabad)</i> W4: Security [Paper IDs: 76, 341, 376, 378, 412, 438]	Prof. A. R. Harish (IITK), Dr. Noor Mohammad (IIITDM) & Dr.Gnanambikai Krishnakumar (IIITDM)
	H25	A7: AI & ML Optimized Antennas [Paper IDs: 46, 109, 297, 323, 352, 510, 523]	Prof. Shantanu Behera (NIT Rourkela) & Dr Amit Kumar Singh (IITP)
	H01	M4: Amplifiers & Active Components [Paper IDs: 38, 40, 137, 200, 342, 343]	Ramalakshmi N. (URSC, ISRO) & Dr. Yuvaraj S. (IIITDM)
	Seminar Hall	Student Activity: Ph.D. Initiative	Dr. Anju Sebastian (Christ College) & Ms.Surya Rajitha (IIT Roorkee)
13:00 - 14:00	Lunch Break		
14:00 - 16:00	H05	Invited Talk 5: <i>Prof. Dhaval Pujara (Pandit Deendayal Energy University, Gujarat)</i> M5: Filtering Components [Paper IDs: 51, 78, 95, 103, 311]	Dr. Shiv Narayan (NAL, Bangalore) & Dr. Sandeep Chaturvedi (GAETEC, Hyderabad)
	H15	SS 3.1: Special Session 3 - Materials for high-frequency Applications [Paper IDs: 182, 234, 261, 270, 299, 361]	Dr. Sukomal Dey (IIT Palakkad) & Prof. R. Ramana Reddy (JNTU-P)
	H25	A8: Antennas for RADAR and Space-1 [Paper IDs: 11, 267, 349, 425, 459, 487, 551, 567]	Dr. Srivani Kothidigi & Dr. N. Nasimuddin
	H01	Invited Talk 6: <i>Dr Sai Krishna (CST DASSAULT SYSTEMES)</i> A9: Printed & Slot Antennas [Paper IDs: 104, 303, 353, 427, 441, 456]	Dr. Sujatha Mandala & Prof. Vivek Pandit
	H04	W5: Image Processing 1 [Paper IDs: 294, 298, 344, 404, 422, 561]	Dr.Priyanka Kokil (IIITDM) & Dr. Gowri A. (IIITDM)
	H02	Sponsors Session	Prof. VVSSS Chakravarthy, Dr. P. Rohini & Dr. Shiv Narayan
16:00 - 16:30	Tea Break		
16:30 - 18:30	H05	SS 4.1: Special Session 4 - Advanced Antenna Technologies and Designs [Paper IDs: 65, 118, 120, 220, 223, 268]	Prof. Abhishek Jha (IIT Tirupati) & Prof. Arpan Desai (PDEU)
	H15	A10: Fractal antennas 1 [Paper IDs: 309, 328, 428, 446, 455, 460, 518, 550]	Prof. Eng Leong Tan (NSU), Prof. R. Ramana Reddy (JNTU-P)
	H25	W6: Image Processing 2 [Paper IDs: 23, 75, 83, 202, 245, 251]	Dr. Rohini P. (IIITDM) & Dr. Anudeep Bellary (Altair)
	H01	M6: Sensing Applications [Paper IDs: 39, 59, 94, 112, 289, 424, 529, 565]	Dr. Jagannath Malik (IIT Patna) & Dr. Ramesh Patel
	Senate Hall	APS Chapter Chairs Meeting	Dr Ajay Poddar & Prof PSR Chowdary
	H11 & H12	Poster Session 1	Prof. Desmond Sim, Prof. Satish Sharma, & Dr. T. Sreenath Reddy
18:30 - 20:00	YP Meet & Greet, Networking Session & Refreshments		

Day-3 : 07 June 2025 (Saturday)			
Time	Venue	Activity	Moderators / Chairs
08:00 -		Registration (Venue: Registration Desk, Academic Block)	
08:30 - 10:30	H05	WiE Session	Ms. Keerthipriya S. (RRI, Bangalore) & Ms. Amrutha Tamarapalli
	H15	SS 1.2: Special Session 1 - High-Power/Millimeter/THz wave Sources and Components [Paper IDs: 321, 332, 363, 516, 559]	Dr. Yuvaraj S (IIITDM) & Prof. M. Thottappan (IIT BHU)
	H25	M7: Frequency Selective Surfaces [Paper IDs: 89, 110, 276, 375, 402, 540]	Prof Ashwin Kothari, Dr. Aravind Kumar
	H01	W7: Deep Learning Systems 1 [Paper IDs: 60, 227, 243, 287, 354, 355]	Prof. V. Masilamani (IIITDM) & Dr. Shoba S (VIT Chennai)
	H02	A11: Fractal antennas -2 [Paper IDs: 335, 365, 366, 367, 418, 430, 431, 547]	Prof. Somak Bhattacharyya (IIT BHU) & Prof. Sanjeev Reddy (BVRIT, Hyd)
	H04	A12: Antennas for RADAR and Space-2 [Paper IDs: 86, 204, 216, 240, 266, 320, 372, 385]	Dr. B. Pavan Kumar & Dr. Deval Kumar (DRDO)
10:30 - 11:00	Tea Break		
11:00 - 13:00	H05	YP Session	Prof. Sreenath Reddy (IIITDM) & Ms. Keerthipriya S (RRI)
	H15	Keynote Talk 9: Sri R. Jyoti (Director Technical IN-SPACe) SS 2.2: Special Session 2 - Antennas for space and ground systems [Paper IDs: 457, 491, 558, 560]	Dr.Sravan Sagi (SAC/ISRO) & Dr. Nelson Fonseca (AnyWaves, France)
	H25	Invited Talk 7: Dr Jonathan Sauder (NASA/JPL) M8: Metasurfaces-1 [Paper IDs: 187, 189, 221, 230, 255, 541]	Prof. RK Arya & Dr. Mohammad Abdul Shukoor
	H01	W8: Deep Learning Systems 2 [Paper IDs: 254, 273, 282, 285, 350, 499]	Dr. Rahul Raman (IIITDM) & Dr. Anisha Natarajan (VIT Chennai)
	H02	A13: Reflector, Metasurface and Compact Antennas [Paper IDs: 79, 106, 116, 324, 405, 434, 485, 502]	Prof. S. Christopher & Prof. Rohini P (IIITDM)
	H11 & H12	Poster Session-2	Prof. Binsu Kailath (IIITDM), Dr. Shiv Narayan (CSIR-NAL) & Prof. PSR Chowdary (REC)
13:00 - 14:00	Lunch Break		
14:00 - 16:00	H05	Industry/Academia Session	Prof. Dhaval Pujara & Ms. Keerthipriya S.
	H15	SS 3.2: Special Session 3 - Materials for high-frequency Applications [Paper IDs: 369, 395, 473, 501, 512]	Dr Jonathan Sauder (NASA/JPL) & Dr. Pradip Kumar Roy
	H25	M9 : Metasurfaces-2 [Paper IDs: 231, 337, 388, 463, 466, 536]	Dr. Raghvenda Kumar Singh & Prof G Shrikanth Reddy
	H01	W9 : AI and ML 1 [Paper IDs: 162, 193, 246, 253, 301, 310]	Dr. Kannadasan K. (IIITDM) & Dr. Rahul Raman (IIITDM)
	H02	A14 : Metamaterial Antennas-1 [Paper IDs: 57, 82, 173, 305, 306, 356, 436, 437, 549]	Dr Jogesh Dash (NIT RKL), Dr D Samantaray (University of Delhi) & Ms. Masoom Verma (IITM)
	H04	A15 : Metamaterial Antennas-2 [Paper IDs: 68, 160, 241, 244, 250, 329, 471, 498]	Prof. Satish Sharma & Prof. Priyanka Dalal
16:00 - 16:30	Tea Break		
16:30 - 18:30	H15	SS 4.2: Special Session 4 - Advanced Antenna Technologies and Designs [Paper IDs: 278, 317, 331, 408, 475, 531]	Dr. Sim (Feng Chia University, Taiwan) & Dr. Arpan Desai (PDEU, Gujarat)
	H25	M10 : Absorber Applications [Paper IDs: 127, 333, 394, 411, 429, 517]	Dr Amit Kumar Singh (IIT BHU) & Dr. Ananya Parameswaran (SRMIST)
	H01	W10 : AI and ML 2 [Paper IDs: 281, 290, 292, 339, 359, 374]	Dr. K P Pradhan (IIITDM) & Dr. S. Raghavan (IIITDM)
	H02	A16 : Biomedical & Wearable Antennas-1 [Paper IDs: 36, 135, 171, 205, 225, 239, 293, 295, 421, 453]	Prof. Taimoor Khan (NIT Silchar) & Prof. Sulakshana Chilukuri (Vardhaman, Hyd)
	H04	W11 : Intelligent Systems [Paper IDs: 157, 319, 334, 351, 377, 396, 435]	Dr.Sanjeet Kumar Nayak (IIITDM) & Dr. Uttam M Pal (IIITDM)
	L413	Mentor-Mentee Session 1	Ms. Keerthipriya S (RRI) & Dr. Somak Bhattacharyya (IITBHU)
18:30 - 20:30	H05, H15 (Live) & H25 (Live)	§ Cultural Activities, Awards, Future WAMS & Banquet Dinner §	Prof. M. D. Selvaraj & Prof. R. Ramana Reddy

Day-4 : 08 June 2025 (Sunday)			
Time	Venue	Activity	Moderators / Chairs
8.00 onwards		Registration (Venue: Registration Desk, Academic Block)	
09:00 - 10:30	H05	Valedictory / Feedback	Prof. M.D. Selvaraj (IIITDM) & Prof. Ramana Reddy (JNTU-P)
10:30 - 11:00		<i>Tea Break</i>	
11:00 - 13:00	H05	Student Activity Session : Technical Talks & Demos by Prof. Eng Leong Tan & Mr. Swapnil Gaul	Ms. Vennila Preethi (IIITDM), Ms. Srividya (IIITDM) & Ms. B. Sai Harshini (Accenture)
	H15	Startups Session	Dr.Elizabeth George (Digital University, Kerala), Ms. Keerthipriya S (RRI), Dr. N. Pradhan (CU Karnataka) & Ms. Amrutha Tamrapalli
	H25	M11 : THz and Emerging Technologies [Paper IDs: 33, 184, 275, 489, 525]	Dr. S. Yuvaraj (IIITDM) and Prof Mahesh A (RVR, Bangalore)
	H01	A17 : Biomedical & Wearable Antennas-2 [Paper IDs: 15, 66, 69, 197, 400, 505, 522, 544]	Dr Rajan Agrahari (NIT Patna) & Dr Raghvendra Kumar Singh (JIIT)
	H02	A18 : Miscellaneous antennas [Paper IDs: 70, 338, 340, 347, 379, 399, 451, 545]	Dr. D. Jahagirdar (RCI) & Prof. BSSV. Ramesh Babu (REC)
13:00 - 14:00		<i>Lunch Break</i>	
14:00 - 16:00	L413	Mentor-Mentee Session 2	Ms. Keerthipriya S (RRI) & Prof. M.D. Selvaraj (IIITDM)
	H05	M12 : Miscellaneous Components [Paper IDs: 155, 175, 419, 449, 534]	Dr. Naresh K Darimireddy (LIET) & Dr K. Premkumar (IIITDM)
	H15	A19 : Antenna Designs for Next-Gen Systems [Paper IDs: 31, 224, 262, 370, 397, 398, 500, 548]	Prof. Sreenath Reddy T (IIITDM) & Prof. Ravi Sekhar Y (VFSTR)

Poster Sessions		
Poster Session - 1 Day 2: June 6, 2025	16.30 to 18.30	[13, 30, 42, 48, 52, 84, 92, 107, 111, 117, 121, 126, 132, 134, 143, 163, 164, 165, 166, 170, 192, 195, 210, 214, 235, 272, 302, 312, 315, 318, 387, 390, 413, 414, 426, 461, 482, 484, 515, 520, 528, 532, 539, 543, 562]
Poster Session 2 Day 3: June 7, 2025	11.00 to 13.00	[4, 25, 44, 45, 49, 58, 61, 77, 99, 102, 114, 122, 124, 133, 142, 147, 153, 161, 167, 174, 183, 186, 196, 198, 201, 207, 213, 215, 238, 242, 252, 264, 284, 291, 322, 346, 393, 410, 423, 433, 448, 450, 476, 477, 479, 493, 503, 504, 508, 533, 537, 556, 563]