

Day-1 (Feb 19, 2025 - Wed)		
Time	Event/Location	Speaker
8:20 - 16:00	Registration	
8:40 - 9:00	Opening Ceremony	iWAT Chair
9:00 - 9:20	AP-S & MTT President Remarks	
9:20 - 9:40	Keynote Speech 1	Gabriel Rebeiz
9:40 - 10:00		
10:00 - 10:20	Coffee Break	
10:20 - 10:40	Session: mmWave Antennas	John Volakis - <i>Fabrication Challenges and Solution for Beam Forming mm-Wave Arrays</i>
10:40 - 11:00		Kubilay Sertel - <i>Over-the-air Characterization of On-wafer mmW and THz Antenna Parameters</i>
11:00 - 11:20		Georgios Trichopoulos - <i>Hybrid-Fed Antenna-Mixer for 130nm BiCMOS Terahertz Focal Plane Arrays</i>
11:20 - 11:40		Dennis W. Prather - <i>The Role of Photonic Devices in Advanced Phased Array Antennas</i>
11:40 - 12:00		Goutam Chattopadhyay - <i>1.9 THz Large-Format Heterodyne Array Instrument</i>
12:00 - 12:20	Empty	
12:20 - 12:40	Lunch	
12:40 - 13:00		
13:00 - 13:20		
13:20 - 13:40	Session: The Latest Progress in Antennas and Their Applications	Zhi Ning Chen - <i>Prior Knowledge-Guided Deep Learning-Enabled Metantenna Optimization and Synthesis</i>
13:40 - 14:00		Satish Sharma - <i>Design and Development of K/Ka-Band Flat Panel Phased Array Antennas and Data Throughput</i>
14:00 - 14:20		James Kelly - <i>Using Gallium-Based Liquid Metal to Create Beam Switchable Bull's Eye Antennas</i>
14:20 - 14:40		Yi Huang - <i>Dispersive Material Antennas</i>
14:40 - 15:00		Stavros Koulouridis - <i>mm-Wave Metamaterial Antenna Design With Superstrate for B5G FR3 Bands Using Osprey</i>
15:00 - 15:20	Coffee Break	PosterSession
15:20 - 15:40		
15:40 - 16:00		
16:00 - 16:20		
16:20 - 16:40		
16:00 - 17:00		
17:00 - 17:30	Empty	
17:30 - 19:30	Welcome Reception	

Day-2 (Feb 20, 2025 - Thu)		
Time	Event/Location	Speaker
8:20 - 16:00		
8:40 - 9:00	Keynote Speech 2	Christos Christodoulou
9:00 - 9:20		
9:20 - 9:40	Session : ML for Antenna	CJ Reddy - <i>Machine Learning for Antenna Design and Wireless Coverage Optimization</i>
9:40 - 10:00		Junming Diao - <i>A New Language for Antennas: Poynting Streamline Analysis and Applications</i>
10:00 - 10:20		Francesco Andriulli - <i>Computational Paradigms for EM Neuromodelling Challenges from Low to Microwave</i>
10:20 - 10:40		Qammer Abbasi - <i>Reconfigurable Intelligent Surfaces (RIS) for Communication, Sensing, and Localisation</i>
10:40 - 11:00	Coffee Break	Poster Session
11:00 - 11:20		
11:20 - 11:40		
11:40 - 12:00		
12:00 - 12:20		
12:20 - 12:40	Lunch	
12:40 - 13:00		
13:00 - 13:20		
13:20 - 13:40	Session: RIS	George Eleftheriades - <i>Beamsteering and Beamshaping with Surface-Wave Assisted Reflecting Metasurfaces</i>
13:40 - 14:00		Daniel Sievenpiper - <i>Reconfigurable Surfaces and Machine Learning Based Control</i>
14:00 - 14:20		Anthony Grbic - <i>Microwave Network-Based Design of Beamforming Metasurfaces</i>
14:20 - 14:40		Nima Ghalichechian - <i>Dual-Polarized Reconfigurable Reflectarray Using Vanadium Dioxide for 5G mmWave</i>
14:40 - 15:00		Nader Behdad - <i>Adaptive Beam Pointing, Tracking, and Null Steering in Electronically Reconfigurable Reflectarray</i>
15:00 - 15:20	Coffee Break	
15:20 - 15:40	Session: Additive Manufacturing	Yi Wang - <i>3D Printed Microwave and Mm-Wave Feeders and Antennas</i>
15:40 - 16:00		Yang Yang - <i>3D Printed Multimaterial Metasurface Antennas for Wireless Communications</i>
16:00 - 16:20		Geng-Bo Wu - <i>3D Printed Al2O3 for Millimeter Wave Metalens</i>
16:20 - 16:40		Stephen Hanham - <i>Direct Laser Written Antennas for the Terahertz Frequency Band</i>
16:00 - 17:00		Mohammad S. Sharawi - <i>Encapsulated 3D-Printed Multi-Band Dielectric Resonator Antenna Systems</i>
17:00 - 17:30	Empty	
17:30 - 19:30	Banquet & Award Ceremony	

Day-3 (Feb 21, 2025 - Fri)		
Time	Event/Location	Speaker
8:20 - 16:00		
8:40 - 9:00	Session: Wearble Antennas	Asimina Kiourti - <i>Novel 3D-Printing Technologies for Wearable and Implantable Antennas</i>
9:00 - 9:20		Erdem Topsakal - <i>Antennas for Implant-to-Wearable (I2W) Communication Systems</i>
9:20 - 9:40		Ifana Mahbub - <i>A Miniaturized Implantable Multiband Circular Polarized Antenna With Meandered Structure for</i>
9:40 - 10:00		Sima Noghianian - <i>Effects of Dust, Sweat, and Moisture on a Dual-Band Wearable WiFi Antenna</i>
10:00 - 10:20		Qing-Xin Chu - <i>High-Efficiency Low-SAR Antennas for Smartphones</i>
10:20 - 10:40	Coffee Break	
10:40 - 11:00	Session: Heterogenous Integration for AiP	Jing Wang - TBA
11:00 - 11:20		Eduardo - TBA
11:20 - 11:40		Pulugurtha Raj - TBA
11:40 - 12:00		YK Yoon-TBA
12:00 - 12:20	Closing Remark	iWAT Chair