

2026 IEEE Conference on Computational Imaging Using Synthetic Apertures (CISA) – ALL TIMES SHOWN ARE IN LOCAL EASTERN TIME (ET = UTC-4)				
Monday, May 25	Tuesday, May 26	Wednesday, May 27	Thursday, May 28	Friday, May 29
	8:00 am – 10:00 Tutorial 1 <i>Introduction to Synthetic Aperture Radar Part I</i> <i>Armin Doerry, Sandia National Labs</i>	8:30 am – 9:00 Welcome to CISA 2026! <i>Bariscan Yonel, University at Albany</i>	8:15 am – 9:00 Plenary <i>From Idea to Impact: Understanding IEEE Standards and Their Role in Shaping Global Innovation</i> <i>Dalisa Gonzalez, IEEE Standards Association</i>	8:00 am – 9:00 Keynote <i>Synergetic Use of the WSR-88D Radars, GOES-R Satellites, and Lightning Networks to Study Microphysical Characteristics of Hurricanes</i> <i>Jiaxi Hu, Atmospheric Sciences Research Center, Albany</i>
	10:00 – 10:15 Break		9:00 am – 10:00 Keynote <i>Synthetic Aperture Imaging in Microwave Radiometry: A Journey Toward New Passive Imagers</i> <i>Adriano Camps, Universitat Politècnica de Catalunya, Spain</i>	
			10:15 – 12:15 Tutorial 1 Cont’d <i>Introduction to Synthetic Aperture Radar Part II</i> <i>Armin Doerry, Sandia National Labs</i>	
	10:00 – 10:15 Break	9:00 – 10:00 Keynote <i>Computational Satellite Lidar Imaging and Quantile Deep Learning</i> <i>Gonzalo Arce, University of Delaware</i>	10:00– 10:20 Lecture 4 <i>“Coarse-to-Fine Sparse 3D Reconstruction for Coherent Single-Frequency Single-Pixel THz Imaging”</i> <i>Adolphe Ndagijimana, Public University of Navarre (UPNA), Pamplona, Spain</i>	9:00 – 9:20 Lecture 8 <i>“SAR Clutter and Speckle: How to Reduce and (Almost) Eliminate It”</i> <i>Bradley Evans, University of New Mexico</i>
	12:15 – 1:15 Lunch	10:00 – 10:20 Lecture 1 <i>“Physics-Informed Learned Deconvolution for Super-Resolution SAR Imaging”</i> <i>Symeon Papadimitropoulos, University of California, Merced</i>	10:20 – 10:35 Break	9:20 – 9:40 Lecture 9 <i>“A Calibration Method of a Polarimetric Receiver”</i> <i>H. Brian Sequeira, JHU Applied Physics Laboratory</i>
				9:40 – 10:00 Lecture 10 <i>“VSCPT-CWAR: Variance-Stabilized Collaborative Patch Transform With Confidence-Weighted Aggregation for Agricultural-SAR Despeckling”</i> <i>Rukundo Prince, University of Rwanda</i>
	1:15 – 3:15 Tutorial 2 <i>Vision Language Models for Synthetic Aperture Radar</i> <i>Shubham Sharma, Andor Tech</i>	10:20 – 10:40 Lecture 2 <i>“Edge-Informed Feature Extraction for Fourier Imaging Applications”</i> <i>Nathan Smith, Dartmouth College</i>	10:35 – 10:55 Lecture 5 <i>“Higher-Dimensional Beam Splitter for Tunable Michelson Interferometry in Silicon Photonics”</i> <i>Prabha Prasad Nair, University at Albany</i>	10:00 – 10:15 Break
	3:15 – 3:30 Break	10:40 – 10:55 Break	11:55 – 1:10 Lunch	10:15 – 11:15 Keynote <i>Deep-Turbulence Limitations for Imaging, Sensing, and Adaptive Optics</i> <i>Mark Spencer, University of Arizona</i>
				11:15 – 11:35 Lecture 11 <i>“Online Learning for Radar Coincidence Imaging”</i> <i>Bariscan Yonel, University at Albany</i>
	3:30 – 5:30 Tutorial 3 <i>Diffusion Models for Inverse Problems</i> <i>Liyue Shen and Qing Qu, University of Michigan</i>	10:55 – 11:55 Keynote <i>Toward Trustworthy Learning-Based Computational Imaging: A Case for Uncertainty Quantification</i> <i>Mujdat Cetin, University of Rochester</i>	1:10 – 2:10 Keynote <i>Computational Synthetic Aperture Imaging in the Living Retina</i> <i>Ji Yi, Johns Hopkins University</i>	11:35 – 1:00 Lunch
	11:55 – 1:10 Lunch	2:10 – 2:30 Lecture 6 <i>“Terahertz Light Field Depth Estimation Using 2D Gaussian Splatting”</i> <i>Hermès McGriff, University of Wuppertal</i>	1:00 – 2:00 Keynote <i>Radar Imaging With Digital Phased Arrays: From Beam Synthesis to Experimental Validation</i> <i>David Schwartzman, University of Oklahoma</i>	
		1:10 – 2:10 Keynote <i>Computational Synthetic Aperture Radar Imaging with Model-Based Machine Learning</i> <i>Alin Achim, University of Bristol, United Kingdom</i>	2:00 – 2:20 Lecture 12 <i>“Doppler Tomography Using Rydberg Sensors”</i> <i>Peter Vouras, U.S. Department of War</i>	
	2:10 – 2:30 Lecture 3 <i>“A Preliminary Study on Qwen3-VL for SAR Image Captioning Using the SARLANG-1M Benchmark”</i> <i>Corina Naforntita, Politehnica University of Timisoara, Romania</i>	2:50 – 3:05 Break	2:20 – 3:05 Panel Discussion <i>The IEEE Signal Processing Society’s Leading Role in Developing Standards for Computational Imaging and Sensing</i>	
	2:30 – 2:40 Break	3:05 – 4:05 Poster Session <i>“Inverse Synthetic Apertures for Reflection-Mode Fourier Ptychography”</i> – Matthew Chan, University of Maryland <i>“Exact Phaseless Multistatic Synthetic Aperture Radar Imaging via Randomized Sensing Architecture”</i> – Nazia Afroz Choudhury, Rensselaer Polytechnic Institute <i>“Improved Chaos Multiplexing Design for Integrated Sensing and Communication Systems”</i> – Rebecca Perkins, Union College	3:05 – 3:30 Concluding Remarks <i>Miguel Heredia Conde, University of Wuppertal</i>	
	2:40 – 3.40 Keynote <i>Contribution of SAR Interferometry to Climate Change Monitoring</i> <i>Michele Crosetto, Centre Tecnològic de Telecomunicacions de Catalunya, Spain</i>	4:05 – 5:05 Keynote <i>Remote Sensing in Urban Climate Research: From Global Patterns to Process-Based Understanding</i> <i>Chenghao Wang, University of Oklahoma</i>		
	3:40 – 4:45 Panel Discussion <i>The Impact of Artificial Intelligence on Computational Imaging and Remote Sensing</i>	5:05 – 6:05 Keynote <i>In-Phase and Quadrature Time Sequence Observations of Dual Polarimetric Weather Radar in Mixed-Phase Environments</i> <i>Ivan Arias Hernandez, Atmospheric Sciences Research Center, Albany</i>		
	6:00 – 8:00 Conference Dinner			