

Approved for public release, NGA-U-2026-01579				Keynote
A G E N D A	2026 Photogrammetry, 3D Visualization, and Lidar CoP Conference Agenda			Standard and Accuracy
	Location: NCE (Alder)/Microsoft Teams			IARPA WRIVA Project
	Classification Level Up To: UNCLASSIFIED			Applied Photogrammetry
	Monday, 27 July 2026			P3DL Automation
				Lidar Applications
	Time	Briefing Title	Speaker	Length
	0815	Introduction	Chris Cugier, Tyler Harding (NGA)	5
	0820	An Assessment of the Accuracy of Commercial Satellite Imagery and FMV to Enable Rapid High Accuracy Coordinate Extraction Over a Site in Tampa Florida	Ryan Smith, Vantor	15
	0835	Evaluating Foundation Stereo Models on Satellite Imagery	Hongwei Zhu, Oak Ridge National Laboratory (ORNL)	15
	0850	Validation of Co-Registration and Precision in Deep Stacks of Electro-Optical Satellite Imagery Across Diverse Collection Geometries	Andrew Bower, Vantor	15
	0905	Evaluating Vision-Language Models for Building-Level Damage Assessment from Satellite Imagery	Tomas Diaz, Karagozian & Case, Inc.	15
	0920	Break		15
	0935	Keynote	Clint Graumann, Nuview CEO & Co-Founder	30
	1005	Break		15
	1020	IARPA's Legacy and Future in the Advancement of 3D Modelling and Geospatial Intelligence	Ashwini Deshpande, ODNI/IARPA	15
	1035	Challenges in Quantifying Image Quality: A Study of Image Quality Metric Limitations for WRIVA Novel View Synthesis	Jeffrey Wen, Johns Hopkins University Applied Physics Laboratory (JHUAPL)	15
	1050	Which is Better: Gaussian Splatting or Mesh for Building 3D Models of Urban Sites from Multi-view Satellite, Aerial and Ground Imagery	Rakesh Kumar, SRI International	15
	1105	Accurate 3D Reconstruction using Multi-date Satellite Images with Gaussian Splatting and Diffusion Model	Rongjun Qin, The Ohio State University	15
	1120	Lunch		60
	1220	Where in the World? Using Machine Learning to Automatically Geolocate Street View Images	Craig Glennie, University of Houston	15
	1235	Image Matching Illusions	Orrin Thomas, Oak Ridge National Laboratory (ORNL)	15
	1250	SMAUG: A General Metric for Quantifying the Utility of Image Ties Without Truth Data	Orrin Thomas, Oak Ridge National Laboratory (ORNL)	15
	1305	Modernization of the National Civil Coordinate System - Impacts to PNT	Daniel Roman, DOC/NOAA/NOS National Geodetic Suurvey	15
	1320	Break		15
	1335	Automatic Image Matching Comparisons on Challenging SAR Imagery	Christopher Tate, Oak Ridge National Laboratory (ORNL)	15
	1350	Automated 3D Geospatial Feature Attribution	Will Forker, U.S. Army Engineer Research and Development Center (ERDC) - Geospatial Research Laboratory (GRL)	15
	1405	Multi-Domain Geospatial Fusion for Defense: Integrating LiDAR, 3D Analytics, and AI from Terrain to Orbit	Shawana Johnson, Global Marketing Insights, Inc.	15
	1420	Improving Automated Lidar Classification Using Multiscale Geometric Features and Machine Learning	Jackson Beebe, NGA	15
	1435	Break		15
	1450	RoadRage: A Geospatial Tool for Identifying Potential Improvised Runways	Jackson Beebe, NGA	15
	1505	Large-Scale Generation of Real3D Mesh Products from Satellite Imagery	Daniel Crispell, Vision Systems, Inc.	15
	1520	Geodetic Rigor in P3DL Workflows: Global Mapper, the GeoCalc Engine, and Early Support for the Modernized NSRS	Scott Webber, Blue Marble Geographics	15
	1535	Integrating 3D Asset Management, Point Cloud Phenomenology, and Multi-Sensor Imaging for ENVI Agent and GeoAI	Tim Leary, NV5 Geospatial	15
	1550	CLOSE		5:30 pm No-host Social