

2025 Space University Research Initiative (SURI) Annual Review

Dr. Nick Kamin | January 30, 2025 | Albuquerque, NM

University of New Mexico
801 University Blvd., SE, Albuquerque NM 87106 | Rotunda

Time	Topic	Speaker
07:45	Check-in	
08:00	Welcome	Nick Kamin, AFOSR Space Science Architect
08:10	AFOSR Perspective	Dr. Pat Roach, AFOSR Chief Scientist
08:25	U.S. Space Force Perspective	Dr. Gillian Bussey, Deputy Chief Science Officer, USSF
08:40	AFRL Perspective	Dr. Scott Erwin (AFRL/RV ST)
In-Space Operations		
08:45	Space Domain Awareness in a Photon-Starved Environment	Stuart Jefferies, Georgia State
09:30	The Science of Non-Resolved Space Object Signatures for Space Domain Awareness	Miguel Velez-Reyes, University of Texas, El Paso
10:15	Digital Twin Enabled Autonomous Control for On-Orbit Spacecraft Servicing	Ricardo Sanfelice, University of California, Santa Cruz
11:00	Starlift: Logistics Networks for Persistent, Ensured Superiority in Cislunar Space	Dmitry Savransky, Cornell University
11:45	LUNCH	
Space Domain Awareness		
12:45	Space Object Understanding and Reconnaissance of Complex Events (SOURCE)	John Crassidis, State University of New York, Buffalo
13:30	Multi-Phenomenological, Autonomous, and Understandable SDA and XDA Decision Support	Marcus Holzinger, University of Colorado, Boulder
14:15	Breaking the “Launch Once, Use Once” Paradigm	Manoranjan Majji, Texas A&M University
15:00	ATLAS: Advancing Technologies for Logistics Architectures in Space	Koki Ho, Georgia Institute of Technology
15:45	Concluding Remarks	Nick Kamin, AFOSR Space Science Architect
16:00	Poster Session	
18:00	Social Event	