

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

| Time | Topic | Speaker |
|------------------------|---|---|
| 07:45 | Check-in | |
| 08:00 | Welcome | Nick Kamin, AFOSR Space Science Architect |
| 08:10 | AFOSR Perspective | Kevin Geiss, AFOSR Director |
| 08:30 | AFRL Perspective | T.B.D. |
| In-Space Operations | | |
| 08:45 | Breaking the “Launch Once, Use Once” Paradigm | Manoranjan Majji, Texas A&M University |
| 09:30 | ATLAS: Advancing Technologies for Logistics Architectures in Space | Koki Ho, Georgia Institute of Technology |
| 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 | Space Domain Awareness in a Photon-Starved Environment | Stuart Jefferies, Georgia State |
| 15:00 | The Science of Non-Resolved Space Object Signatures for Space Domain Awareness | Miguel Velez-Reyes, University of Texas, El Paso |
| 15:45 | Concluding Remarks | Nick Kamin, AFOSR Space Science Architect |
| 16:00 | Poster Session | |
| 18:00 | Social Event | |