

DIAMOND SPONSORS**MITRE****Strauss
CENTER**
for International Security and Law**PLATINUM SPONSOR****12TH ANNUAL SPACE TRAFFIC
CONFERENCE****OPERATIONAL ASSURANCE FOR ALL****Day 1: Wednesday, February 18, 2026**

7:30 am

Registration: Bass Lecture Hall Lobby, LBJ School of Public Affairs

Breakfast: *Sponsored by LeoLabs*

8:30 am

Welcome

Moriba Jah, *Program Lead, Strauss Center for International Security and Law*
Danielle Wood, *Associate Professor, MIT*
John Schumacher, *President, International Academy of Astronautics*

8:40 am

Opening RemarksDiane Howard, *Principal, sur l'espace PLLC*

8:50 am

Keynote Introductions Throughout ProgramNate Dailey, *Chief Strategist for Space Program Development and Integration, MITRE***Keynote Speaker**Dr. Darren McKnight, *Senior Technical Fellow, LeoLabs*

9:20 am

Theme 1: Baselining & Current State – As We Are**Panel A: Baselining**Moderator: Stewart Bain, *NorthStar Earth & Space*

- 4 Waves of the Kessler Syndrome – LEO Population Evolution Features - Darren McKnight
- Assessing Infrastructural Infringement on Economic Activity from Spaceborne Factors - Philip Cunio

10:00 am

Presentation of Aerospace Policy Solutions, LLC Award in Space Policy

10:10 am

Coffee Break: *Sponsored by Aerospace Policy Solutions, LLC*

10:25 am

Panel B: Current StateModerator: Tahara Dawkins, *AstroScale*

- Compliance to ITU Milestone Approach to Non-GEO Assignments - Patrick Shinners
- Registration Treaty Compliance - Josh Ferrier
- Comparing and Contrasting the Proposed EU Space Act with US Space Safety and Sustainability Laws & Regulation: A Study Update - Mick Gleason
- Spaceport Environmental Policy in the New Space Era - Shannon Sylvie Abelson
- Navigating Regulatory Balance in a Commercialized Space Era: Government Challenges Under the 2025 Executive Order - Diane Howard

11:45 am

Platinum Sponsor Video: The Aerospace Corporation



11:50 am	Lunch: <i>Sponsored by The Aerospace Corporation</i>
12:50 pm	Roundtable: Looking Back and Looking Forward <ul style="list-style-type: none">• Kevin O'Connell, <i>CEO, Space Economy Rising LLC</i>• Stewart Bain, <i>CEO, NorthStar Earth & Space</i>• Ruth Stilwell, <i>CEO, Aerospace Policy Solutions, LLC</i>• Perry Lum, <i>Strauss Center Brumley Fellow & UT Austin</i>
1:30 pm	Theme 2: Through the National Air Space – Up and Back Moderator: Elaine Blount, <i>NASA</i> <ul style="list-style-type: none">• Modeling Alternative Approaches for Integration of Commercial Launches into the National Air Space - Stephen Marley• The Seamless Information Access and Interchange Advantage: Enhancing European Air Traffic Safety through Real-time Space Traffic Information Management - Frank Morlang• Applying the Epistemic Support-Point Filter (ESPF) to NEXRAD Radar Data for Robust Detection of Reentering Space Objects - Anirudh Selvam• Data Points for Reentry - Araz Feyz• Assessing the Impact of Uncontrolled Space Object Re-entries on Air Traffic Management Operations - Wissam Chalabi• Airspace Modeling for Reentry Authorization - Ruth Stilwell
2:45 pm	Coffee Break: <i>Sponsored by Astroscale</i>
3:00 pm	Student Panel: Orbit Awareness with Higher Orbits Moderator: Michelle Lucas, <i>Higher Orbits</i> <ul style="list-style-type: none">• Kiera Fehr, <i>NC State</i>• Brianna Ortiz, <i>Texas A&M Academy at Midland College</i>• Eva Estrada, <i>Early College High School at Midland College, TX</i>• Amelia "Josie" Choulat, <i>Ridgeview High School, FL</i>
4:00 pm	Spotlight Talk: Interdisciplinary Lessons Learned from the Kessler Syndrome Judge John McLellan Marshall, <i>Senior Judge, Fourteenth Judicial District of Texas</i>
4:20 pm	Keynote Speaker Mariel Borowitz, <i>Director, Center for Space Policy and International Relations, Georgia Institute of Technology</i>
4:50 pm	Closing Diamond Sponsor Video: MITRE
5:00 pm	Networking Reception: <i>Sponsored by MITRE</i>
Day 2: Thursday, February 19, 2026	
7:30 am	Registration: Bass Lecture Hall Lobby Breakfast: <i>Sponsored by NorthStar Earth & Space</i>
8:00 am	Welcome

	Miles Lifson, <i>The Aerospace Corporation</i>
8:10 am	Keynote Speaker (virtual) Aarti Holla-Maini, <i>Director, United Nations Office of Outer Space Affairs</i>
8:40 am	Theme 3: Modeling for Assurance – Predictions and Probabilities Moderator: Araz Feyzi, <i>Kayhan Space</i> <ul style="list-style-type: none"> Investigation of Debris Cloud Expansion Using Metric-based Analysis - Francesca Ottoboni Estimating Number of Risk Reduction Maneuvers - Owen Marshall Autonomous Rendezvous and Proximity Operations with GEO Servicing Satellites Using the EVDT Systems Engineering Framework - Dinuri Rupasinghe Initial Orbit Determination and Refinement of Cislunar Targets with A Priori Dynamical Constraints - Paola Grattagliano
10:15 am	Coffee Break: <i>Sponsored by COMSPOC</i>
10:25 am	Theme 4: Managing for Assurance – Capacity and the Circular Space Economy Moderator: Mahhad Nayer, <i>Purdue</i> & Miles Lifson, <i>The Aerospace Corporation</i> <ul style="list-style-type: none"> The Circular Space Economy as a Foundation for Operational Assurance in STM - Robert MacPherson OrbX: A Framework for Orbital Capacity Characterization - Yasir Latif Enhancing Trust in AI-Human Enabled Space Missions, Using Transparency and Traceability - Harvey Reed Scoring Space Sustainability: A Public Data Rating for Every Object in LEO - Seth Cornelius Building Trust for the Space Ecosystem: Advancing Provenance and Compliance from Terrestrial to Orbital Supply Chains- Charlie McGillis
12:00 pm	Lunch
1:00 pm	Theme 5: Theory & Constructs – As It Could Be Moderator: Janna Lewis, <i>Astroscale</i> <ul style="list-style-type: none"> Securing Dual-Use Space Sensor Networks for Federated STM: Cybersecurity, Governance, and Operational Assurance - Alice Zhang Externalities from Space Traffic - Augustin Ndongmo Space Debris Credits: A Market-based Framework for Governance and Environmental Stewardship in Orbit - Maxime Kadri Interconnected Futures: One Health, Indigenous Knowledge, and Reframing Space Sustainability and Integrating Indigenous Stewardship Principles with SSA: The S.O.B.E.R. Mission - Antarpreet Kaur
2:25 pm	Closing Reflections Mark Skinner, <i>The Aerospace Corporation</i> Connor Sale, <i>UT Austin</i>
2:55 pm	Closing Remarks Diane Howard