**Day 1: Tuesday, 27 February 2024**

8:00 a.m.  **Registration and Breakfast**
Bass Lecture Hall Lobby, LBJ School of Public Affairs

9:00 a.m.  **Welcome**
John Schumacher, President, International Academy of Astronautics

Moriba Jah, Space Security, Safety, and Sustainability Lead, Strauss Center for International Security and Law; Associate Professor, Aerospace Engineering and Engineering Mechanics, The University of Texas at Austin

Danielle Wood, Chairperson, IAA STM committee; Assistant Professor of Media Arts and Sciences; Assistant Professor (Joint) of Aeronautics and Astronautics, MIT Media Lab

9:20 a.m.  **Introduction**
Nate Dailey, Space Engineering Principal Architect, MITRE

9:25 a.m.  **Keynote**
Diane Howard, Director, Commercial Space Policy, National Space Council

10:05 a.m.  **Coffee Break — Sponsored by Kayhan Space**

10:30 a.m.  **Featured Presentation: Contrasting the Inflection Points in Space Traffic Coordination and Management**
Daniel Oltrogge, Chief Scientist and Director of the Center for Space Standards and Innovation, COMSPOC Corporation

10:50 a.m.  **Panel 1: Spaceport Issues and Challenges**
Moderator: Janet Tinoco, Owner, Runways to Space LLC
Andrew Nelson
Patrick McCarthy
Charlie McGillis

*Spaceports are at an inflection point with many entities are seeking licenses while licensed spaceports are seeking operational fluidity. This panel will present current research in spaceport readiness and examine the challenges and issues facing spaceports today.*
12:00 p.m.  
**Lunch — Sponsored by MITRE**  
Bass Lecture Hall Lobby

1:00 p.m.  
**Panel 2: Commercial Solutions for Space Situational Awareness**  
Moderator: Charlie McGillis, *VP of Public Sector, The Provenance Chain*  
Óscar Rodriguez Fernandez  
Owen Marshall  
Keiran McNally  
Harvey Reed  
Red Boumghar  
Araz Feyzi  
*This panel will discuss and demonstrate novel and disruptive technologies to ensure space safety. Selected papers will take a look at some of the Space Situational Awareness solutions starting at data curation, to launch and conjunction assessment. We will also discuss potential solutions to maintain a balance between operating safety and protecting our dark and quiet skies.*

2:15 p.m.  
**Coffee Break**

2:40 p.m.  
**Presentation of Strauss Center’s Aerospace Policy Award by Aerospace Policy Solutions, LLC**

2:45 p.m.  
**Panel 3: Legal Perspectives in a Changing Environment**  
Moderator: Janna Lewis, *Senior Counsel, BAE Systems, Inc.*  
Takeuchi Yu  
George Anthony Long  
Shannon Sylvie Abelson  
Jacqueline Smith  
Brittany Silvester  
*Examining how changes in risk, access, use of space and sustainability measures create pressure on the legal environment. Selected papers consider diversity in national regulation around the world, potential effects of deorbiting and debris mitigation on other environments, ISAM governance, and the intersection of STM and Human Spaceflight.*

3:45 p.m.  
**Panel 4: Different Perspectives on Space National Security**  
Moderator: Dr. Nate Dailey, *Space Engineering Principal Architect, MITRE*  
Michael Gleason  
Ulpia Elena Botezatu  
Alice Zhang  
Victoria Sampson  
Makena Young  
Zhanna Malakis Smith  
*Exploring the role of commercial space assets and the intersection of space diplomacy with the security landscape. Selected papers will discuss different aspects for consideration applied to national security from the ground infrastructure to lunar resources.*

5:00 p.m.  
**Networking Reception — Sponsored by NorthStar Earth & Space**  
Bass Lecture Hall Lobby
Day 2: Wednesday, 28 February 2024

8:30 a.m.  Registration and Breakfast
Bass Lecture Hall Lobby

9:00 a.m.  Introduction
Ruth Stilwell, Aerospace Policy Solutions, LLC

9:05 a.m.  Keynote
Alina Nassar, Partner, Nassar Abogados Centroamérica

9:45 a.m.  Panel 5: The Global Nature of STM
Moderator: Danielle Wood, Assistant Professor of Media Arts and Sciences; Assistant Professor (Joint) of Aeronautics and Astronautics, MIT Media Lab
Saloua Moutaoufik
Rosa Ma. Ramírez de Arellano y Haro
Diego Guerra
Doug Ligor
Thomas González Roberts

In the New Space Age, the international community is seeing more emerging space states. This panel will explore challenges, perspectives and solutions from an international perspective.

10:45 a.m.  Coffee Break — Sponsored by Aerospace Policy Solutions, LLC

11:15 a.m.  Panel 6: Space Launch Air and Sea Integration
Moderator: Andrew Nelson, Vice President of Aerospace Group, RS&H
Janet Tinoco
Rafael Muñoz Delmás
Imen Dhief
Tobias Rabus

Launches not only impact airspace, but maritime activity as well. This panel will present and discuss challenges and solutions when integrating space launch activity into air and sea domains.

12:15 p.m.  Lunch — Sponsored by IAA
Bass Lecture Hall Lobby

1:00 p.m.  Panel 7: Precision and Accuracy in the Evolution of STM
Moderator: Therese Jones, Senior Policy Advisor, NASA
Tory Smith
Frederic Pelletier
Carson Coursey
Nihal Simha

Panel will present current research in accuracy of breakup models, identity and tracking, orbital precision, mission planning, and tolerances from a technical and engineering perspective, necessary to inform the future of STM.
2:15 p.m.  
Coffee Break

2:45 p.m.  
Fireside Chat: Evolving Policy and Regulatory Frameworks  
Christine Joseph, *Office of Space Commerce, NOAA*

3:30 p.m.  
Panel 8: Business Perspectives in a Changing Space Domain  
Moderator: Patrick McCarthy, *Director of Spaceport Operations, Space Florida*  
Janet Tinoco  
Ruth Stilwell  
Maruška Strah  
Lee Steinke  
Nana Gordon  
Avinash Bagali

Incentives for sustainable behaviors in space are examined from the business perspective including the role of the space sustainability rating, incentives and disincentives and the role of industry in the absence of internationally adopted standards.

4:30 p.m.  
Closing Remarks  
Danielle Wood, *Chairperson, IAA STM committee; Assistant Professor of Media Arts and Sciences; Assistant Professor (Joint) of Aeronautics and Astronautics, MIT Media Lab*