



# Lunar Interoperability Forum

**7 May 2024**

**The Indian Treaty Room  
East Wing of the Eisenhower Executive Office Building  
White House, Washington DC**

**Bringing together members of the lunar exploration community to discuss drivers, opportunities, and means to foster development of secure interoperable communications and navigation systems.**

# Overall Agenda

- **8:00 AM**      **Check in**
- **8:30 AM**      **Welcome by Forum Chair: Sami Asmar**  
**TBD VIPs from White House, Dept. of Commerce, NASA**
- **9:00 AM**      **Keynote talks by Vint Cert**
- **10:00 AM**     **Panel 1: Space Agencies**
- **11:15 AM**     **Panel 2: CCSDS Engineering Steering Group**
- **12:30 PM**     **Lunch**
- **1:00 PM**      **Panel 3: Industry & Academia**
- **2:20 PM**      **Discussions & Concluding Remarks**
- **3:00 PM**      **Exit building**

# Panel 1: Space Agencies

Chair: S. W. Asmar

- **NASA**
  - **Jim Schier: “Cislunar Infrastructure: The Convergence of Architecture, Governance, and Interoperability”**
- **JAXA**
  - **Masaya Murata: “Japan Lunar Navigation Satellite System and Its Contribution Towards Lunar Augmented Navigation Service”**
- **ESA**
  - **Carsten Tobehn: (title)**
- **CNES**
  - **Jean-Luc Issler “CCSDS frequency band recommendations related to lunar in-situ 3GPP 5G, WIFI and PNT”**

## **Panel 2: CCSDS Engineering Steering Group**

**Chair: K.-J. Schulz**

**Deputy: T. Pham**

- **System Engineering Area, Peter Shames**
- **Space Link Services, Ignacio Aguilar Sánchez**
- **Space Internetworking Services Area, Ivica “Vinny” Ristovski**
- **Cross Support Services Area, Erik Barkley**
- **Mission Operations and Information Management Services Area, Daniel Fischer**
- **Spacecraft Onboard Interface Services Area, Jonathan Wilmot**

# Panel 3: Industry & Academia

Chair: TBD

- **Marshall Eubanks (Space Initiatives Inc.)**
  - **The new lunar position, navigation and timing reference system**
- **Alberto Montilla (Spatiam Corp.)**
  - **Building DTN capabilities in LunaNet Service Provider Networks**
- **SSTL**
  - **TBD**
- **Telespazio**
  - **TBD**
- **Farzana Khatri (MIT Lincoln Lab)**
  - **Lunar Optical Communications**
- **Peter Shames (JPL/Caltech)**
  - **X**