

# Partnering with NASA: Perspectives on Architecture Products

### **Moon to Mars Architecture Workshop**

Kavli Auditorium



MODERATOR

#### Kandyce Goodliff

Deputy Lunar Architecture Lead ESDMD, SAO











Stephen Indyk Director of Space Systems Honeybee Robotics

February 2025





# Listening Session: What Are We Missing?

### **Moon to Mars Architecture Workshop**

Lecture Room



Nujoud Merancy Deputy Associate Administrator SAO, ESDMD



Joel Kearns Deputy Associate Administrator for Exploration SMD



Michelle Munk Chief Architect (Acting) STMD

February 2025





### Shared Visions; Shared Standards: Interoperability and NASA's Moon to Mars Architecture

### **Moon to Mars Architecture Workshop**

Room 120





Rob Bayt Lead, Future Systems Formulation

ESDMD, M2MPO

Angela Krenn ems Deputy Chief Architect

STMD



Philip Baldwin Assistant Deputy Associate Administrator

SOMD, SCaN

February 2025





# Many Voices; One Message: We Are Going

### **Moon to Mars Architecture Workshop**

Members' Room



Stephanie Schierholz Chief of Staff ESDMD



Steve Bowen Director, Cross-Directorate Technical Integration Office SOMD



**Bill Beckman** Director for NASA Programs *Boeing* 





Bettina Inclán Chief Communications Officer IBX

Brett Denevi Artemis III Geology Team Lead JHU APL

February 2025





# **Logistics and Mobility**

#### Moon to Mars Architecture Workshop Lecture Room



**Tiffany Nickens** Element Definition and Integration Manager *ESDMD, SAO* 



Shatel Bhakta Lunar Architecture Lead ESDMD, SAO



Debra Needham Program Scientist, Exploration Science Strategy and Integration Office SMD

February 2025

#### ROUNDTABLE

National Aeronautics and Space Administration



# Infrastructure (Power & Communications)

### **Moon to Mars Architecture Workshop**

Room 125







ESDMD, SAO

Kandyce GoodliffMichael ChappellDeputy LunarDeputy MarsArchitecture LeadArchitecture Lead

ESDMD, SAO

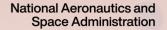




Angela Krenn Deputy Chief Architect STMD

February 2025

#### ROUNDTABLE





### **Enabling Science**

#### **Moon to Mars Architecture Workshop**

**Room 120** 



Brad Bailey Assistant Deputy Associate Administrator for Exploration SMD



Lindsay Hays Senior Scientist for Mars Exploration SMD



External Programs Lead,

Human Research

Program

SOMD



Jake Bleacher Chief Exploration Scientist ESDMD, SAO

February 2025





# **The Human System**

### **Moon to Mars Architecture Workshop**

Members' Room



David Baumann Director, Human Research Program SOMD



Steve Bowen Director, Cross-Directorate Technical Integration Office SOMD



**Program Scientist for** 

**Biological and Physical** 

Sciences

SMD



Dayna Ise Director, Mars Campaign

> Office ESDMD, M2MPO

February 2025





# **Exploration Enables** Science; Science **Enables Exploration**

### **Moon to Mars Architecture Workshop**

**Room 120** 



#### **Brad Bailey**

Assistant Deputy Associate Administrator for Exploration SMD



#### Ben Greenhagen Dan Hendrickson **Tom Gardner** Lunar Scientist Vice President, Business

JHU APL

Development Astrobotic



**Chief Engineer** 

Advanced Space

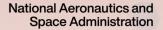


Victoria Hamilton

**Planetary Geologist** Southwest Research Institute

February 2025







# Moon to Mars: The Moon as a Proving Ground for Mars

#### **Moon to Mars Architecture Workshop**

Members' Room



Michael ChappellShatel BhaktaMars Architecture Co-<br/>LeadLunar Architecture LeadESDMD, SAOESDMD, SAO



Tiffany Morgan

Director, Mars Exploration Program SMD, PSD



Senior Director, Adjacent Content

and Product Development

AIAA



Jamie Porter Director LSIC

February 2025





### **Commercial Partnerships: Architecture Enabling the Cislunar Economy**

#### **Moon to Mars Architecture Workshop**

Lecture Room



#### **Nujoud Merancy Michael Moreno**

**Deputy Associate** Administrator ESDMD, SAO

**VP of Strategy** Lunar Outpost



**Sariah Fischer** Director of Business Senior Vice President of Development Interlune



**Evan Jensen** 

Engineering

ICON



John Muratore **LTVS** Program Manager Venturi Astrolab

February 2025





# Listening Session: What Are We Missing?

### **Moon to Mars Architecture Workshop**

Room 125



Julie Grantier Deputy Manager for Integration ESDMD, SAO



Joel Kearns Deputy Associate Administrator for Exploration SMD



Michelle Munk Chief Architect (Acting) STMD

February 2025





**Steve Creech** Assistant Deputy Associate Administrator (Technical) ESDMD, M2MPO





### In the National Interest: **Strengthening America's Space Economy through Collaboration**

### **Moon to Mars Architecture Workshop**

Kavli Auditorium



Leidos



#### **Kathy Laurini Jacqueline Cortese** Strategy Advisor Senior Director, Civil Space Blue Origin







#### **Bruce Morris**

Director, Strategy and Sr. Director for Business **Business Development** Development ULA Sierra Space

February 2025