From Here to There

Advancing Human Exploration and Discovery



Nicole Herrmann

Human Exploration Development and Operations

Marshall Space Flight Center



What We Do

Working alongside the SLS and HLS Programs, the HEDO Office comprises all other MSFC human spaceflight work. Our key areas of focus include:

- Space Operations Management and Training
- Payload Development, Integration, Utilization and Maintenance
- Habitation Systems Development
- Human Spaceflight Project Management & System Engineering and Integration (SE&I)

ISS 20 — 20 Years on the International Space Station

COMMERCIAL CREW PROGRAM

ORION

ARTEMIS

Who We Are

Human Exploration Development & Operations Office



Ginger Flores
Deputy Manager



Joseph Pelfrey
Manager

Vacant
Associate Manager



Nicole Herrmann
Technical Integration Manager

- Mgr Engineer Office
- Safety & Mission Assurance Office



April Hargrave
Program Planning & Control Office
(Acting)
HP02



Kathryn Henkel
Exploration & Transportation Development Office
(Acting)
HP10



Dwight Mosby
Payload & Mission Operations Division
HP20



Charlie Nola
ISS Projects Office
HP30



Ginger Flores
Habitation Systems Development Office
(Acting)
HP40



Rebecca Grimaldi
Operations Directors Office
HP21



Carl Ise
Operations Integration Office
HP22



Jason Norwood
Planning & Analysis Branch
(Acting)
HP23



Mark Faust
Space Systems Operation Branch
(Acting)
HP25



Ann Bathew
Payload & Crew Operations Branch
HP26



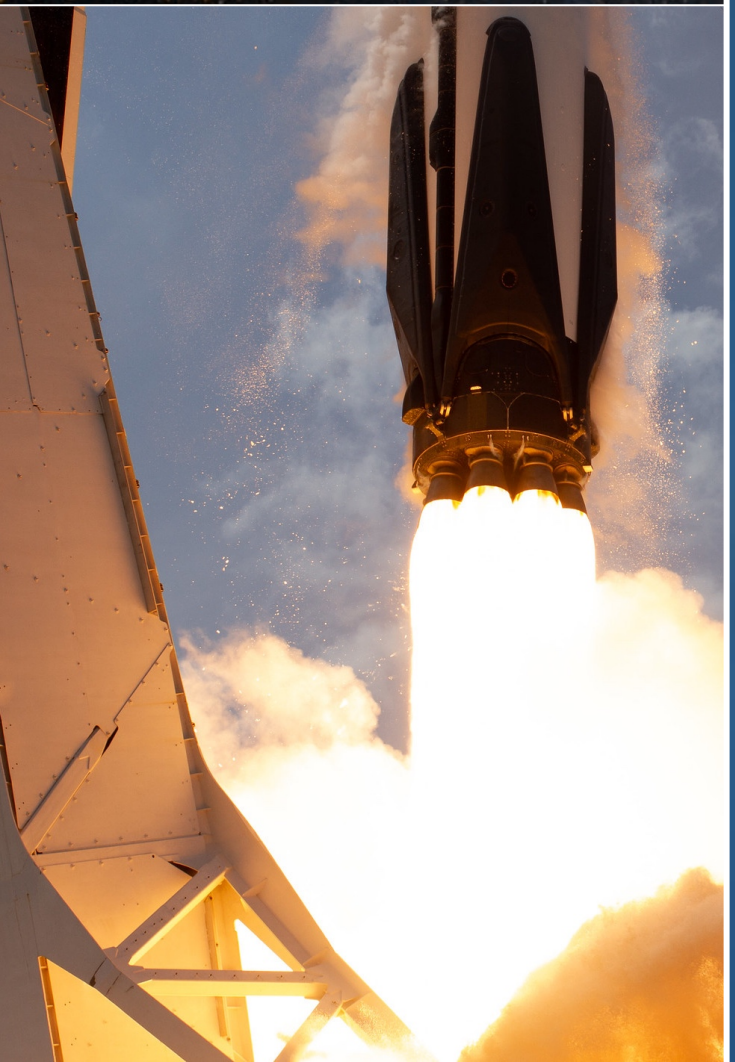
Chris Rosson
Mission Systems Engineering & Operations Integration Branch
HP27

February 2021



Exploration and Transportation

Kathryn Henkel,
Acting Manager





Payload and Mission Operations



Dwight Mosby,
Manager









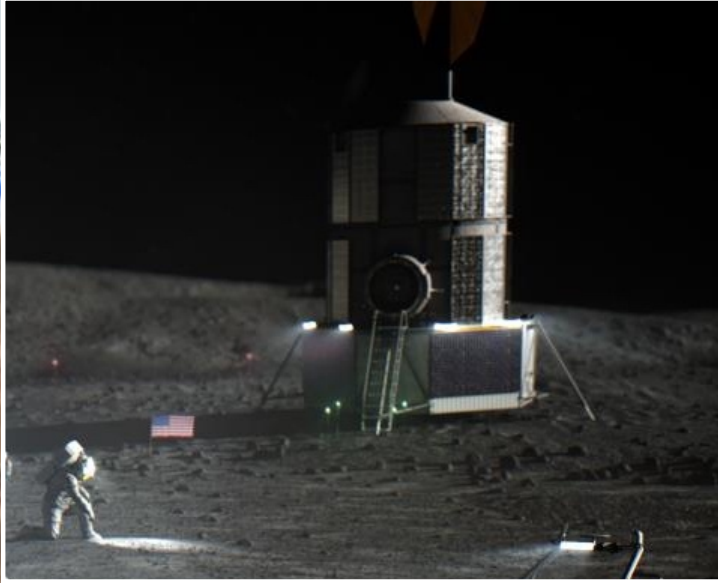


ISS Projects

Charlie Nola, Manager







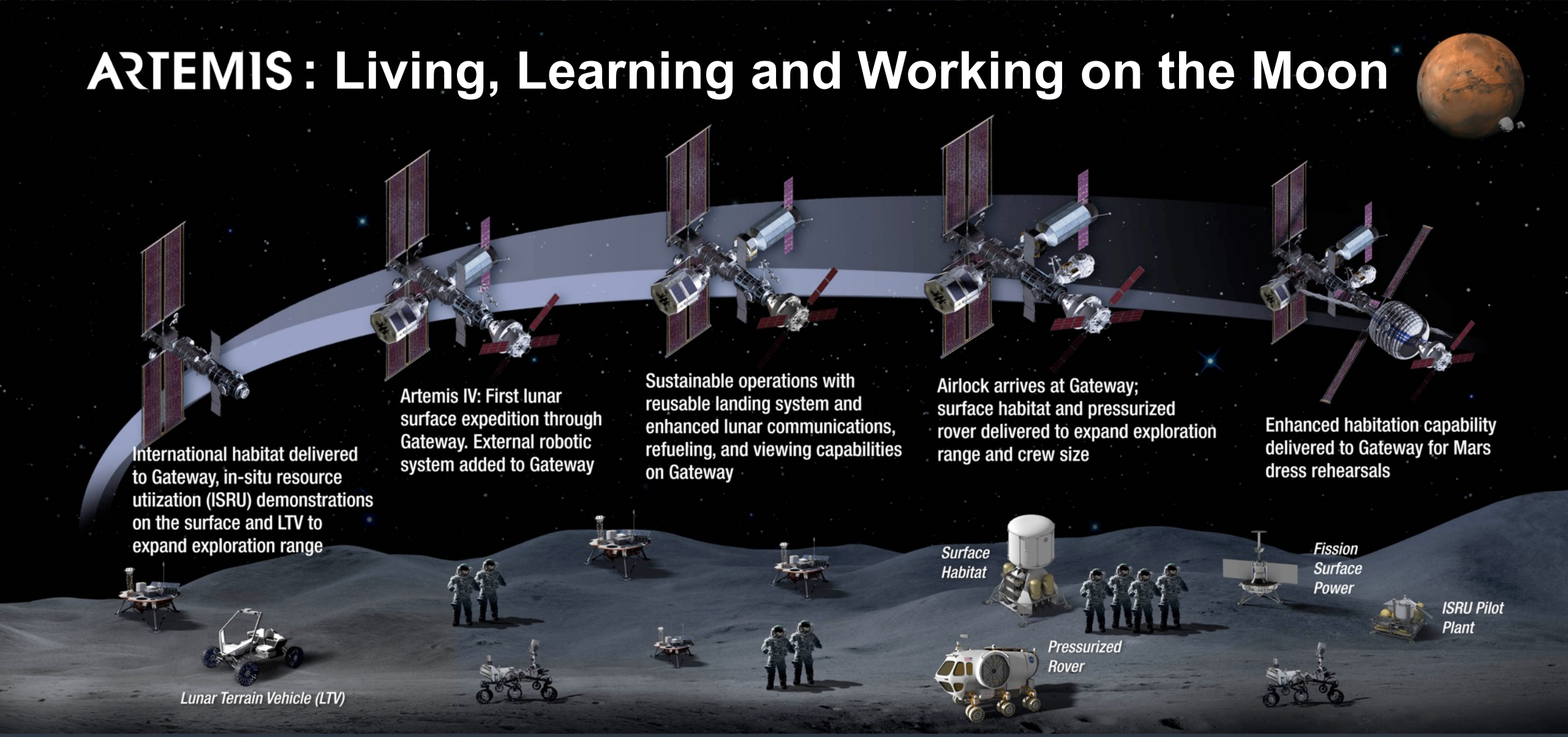


Habitation Systems Development



Ginger Flores,
Acting Manager

ARTEMIS : Living, Learning and Working on the Moon

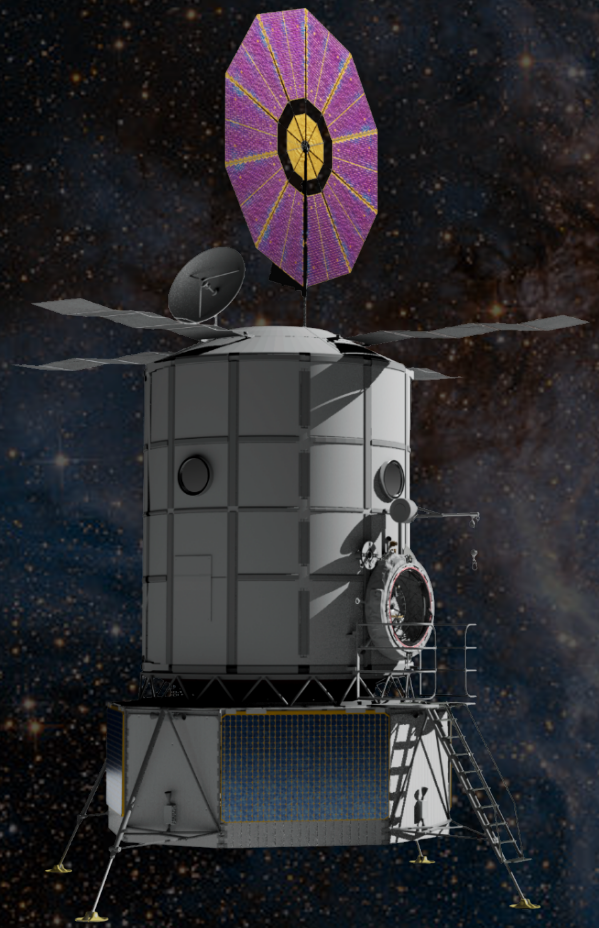


SUSTAINABLE LUNAR ORBIT STAGING CAPABILITY AND SURFACE EXPLORATION

MULTIPLE SCIENCE AND CARGO PAYLOADS | U.S. GOVERNMENT, INDUSTRY, AND INTERNATIONAL PARTNERSHIP OPPORTUNITIES | TECHNOLOGY AND OPERATIONS DEMONSTRATIONS FOR MARS

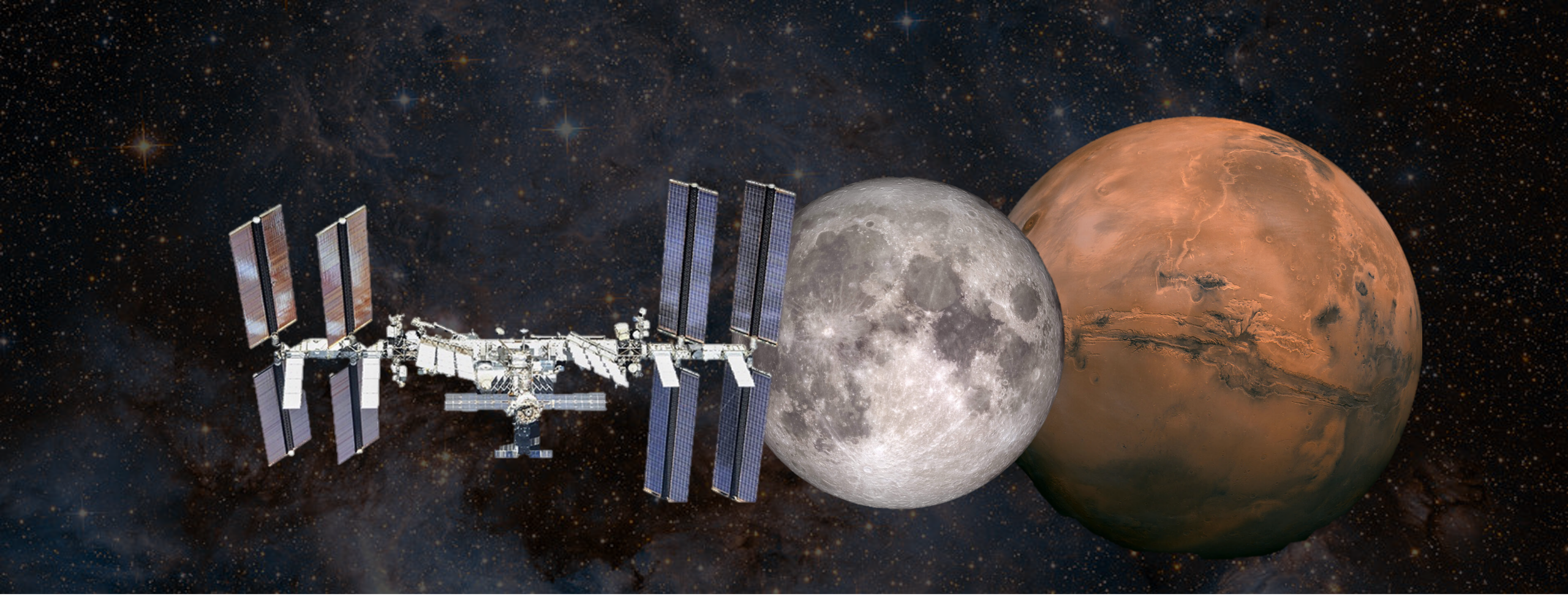
All contents represent notional planning and are for discussion purposes only

In the next 10-15 years, there will be parallel, ongoing human mission and payload operations in LEO, cislunar space, on the lunar surface, in-transit to Mars, and ultimately on and around Mars.



Opportunities for supporting and leadership roles in key aspects of these operations and system developments include:

- Maintaining and operating ISS payloads and systems
- Development and operation of commercial platforms in LEO
- Advancing materials and biophysics research
- Enabling cutting edge multi-discipline science and research payload development, utilization, and maintenance
- Developing and leading habitation systems development across all mission destinations
- Gateway payload integration management, development and operational support
- Infrastructure maintenance and management on the lunar surface and for in-space systems
- SE&I for all major human spaceflight programs
- Operations management and training
- Executing exploration, science, and technology missions



Join Us on the Journey

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