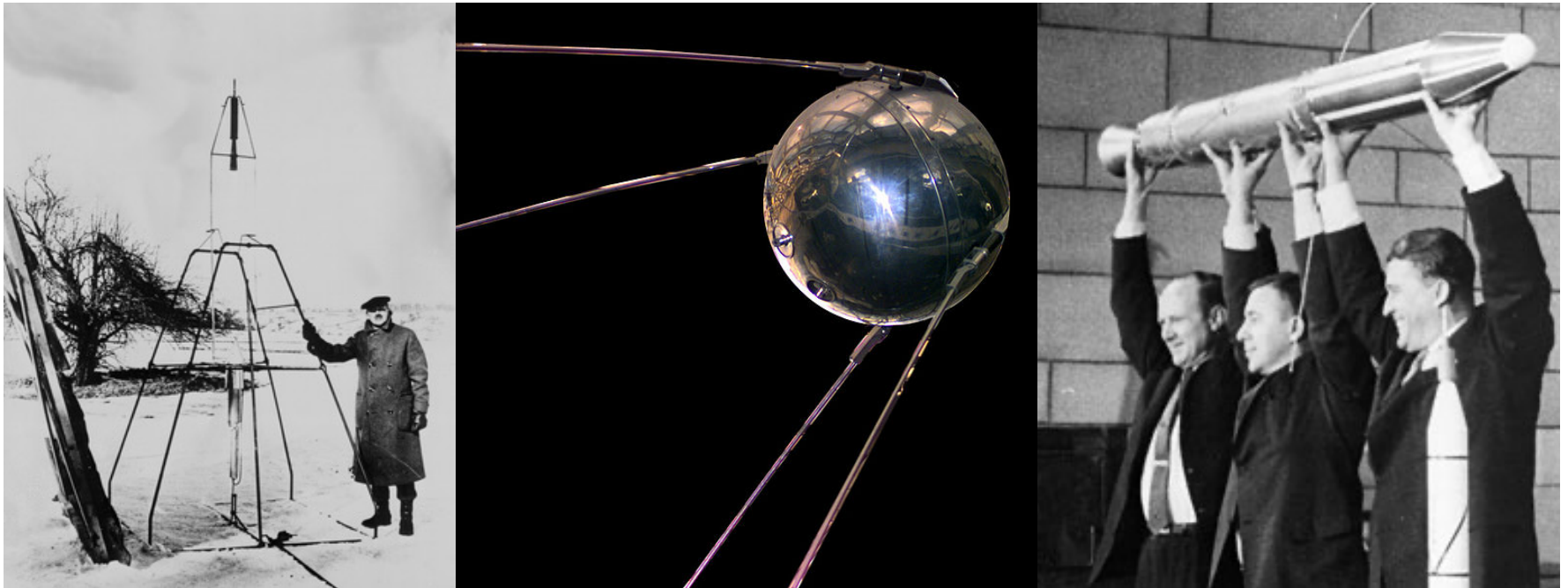


A Martian's Thoughts about being a Good Speaker and Leader

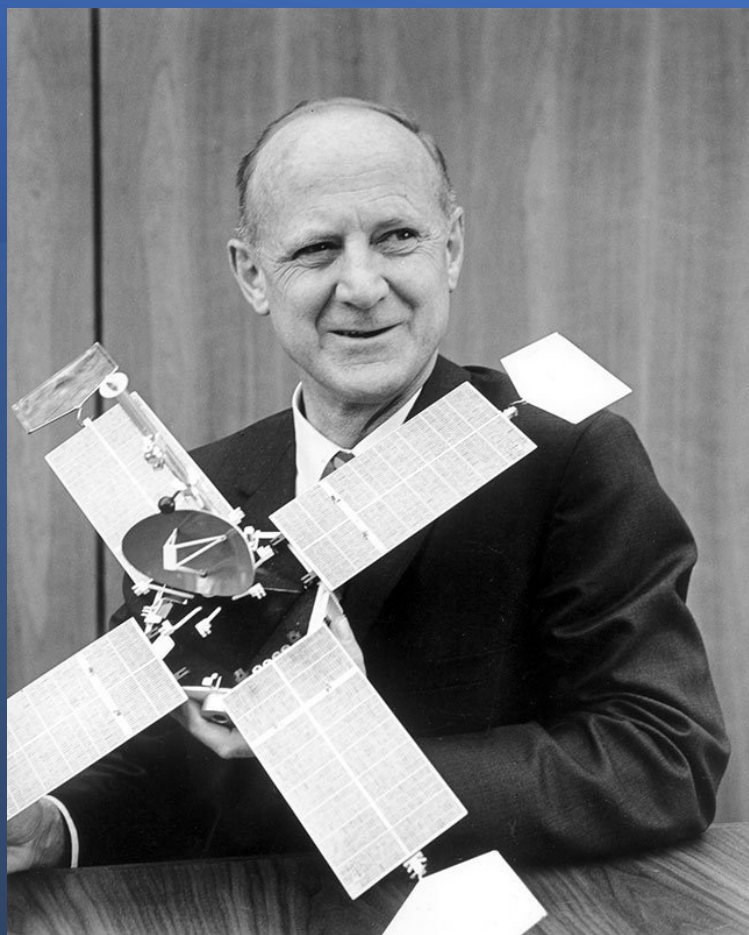
David H. Lehman
NASA / Jet Propulsion Laboratory,
Project Manager (Retired) and
Volunteer Solar System Ambassador



Beginnings of the Space Age *



* Reference: From page 2 of a presentation by JPLer Brian Muirhead entitled "*Take Risk Don't Fail - Challenges and Power of Exploration from Space*" on March 18, 2023.





Background - 1

- Education:
 - BS Electrical Engineering
From New Mexico State
University
 - MS Electrical Engineering
from Colorado State
University



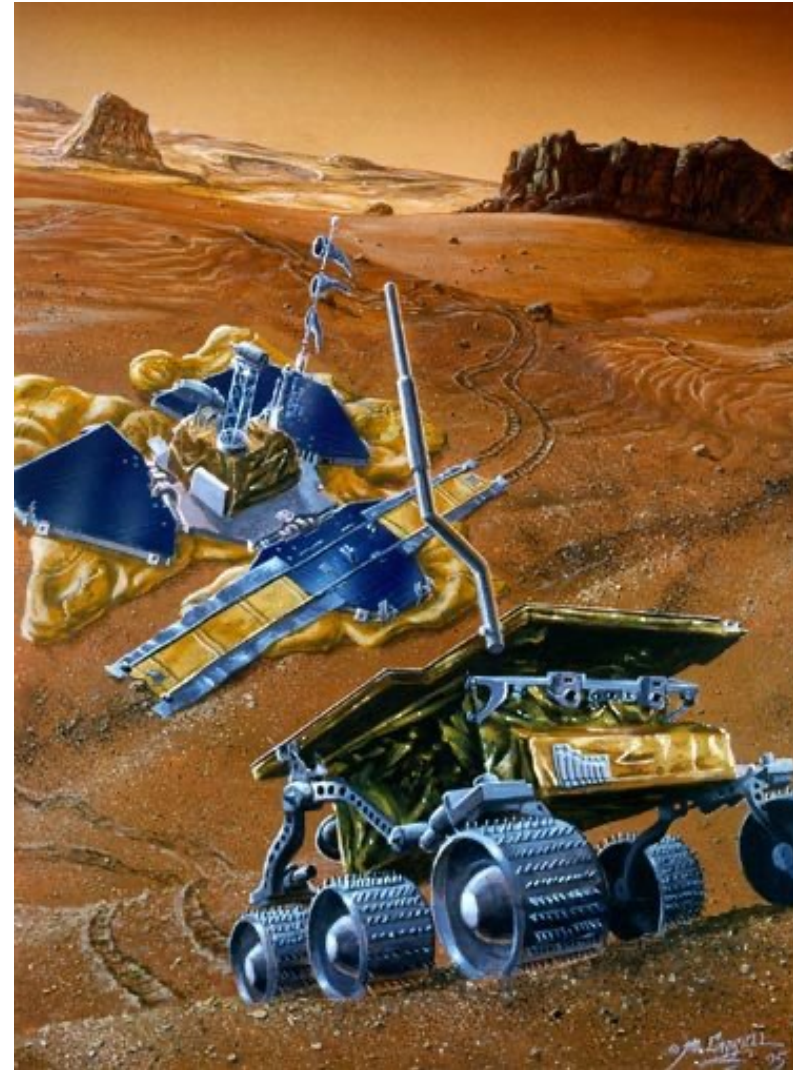


David's Background - 2

- I worked for 40-years at NASA's Jet Propulsion Laboratory of the California Institute of Technology (Caltech)
- Projects included Mars Pathfinder Avionics Technical Manager
 - First Planetary Rover (July 4, 1997)*



Reference* <https://www.jpl.nasa.gov/timeline/>



MARS PATHFINDER
PROJECT OFFICE



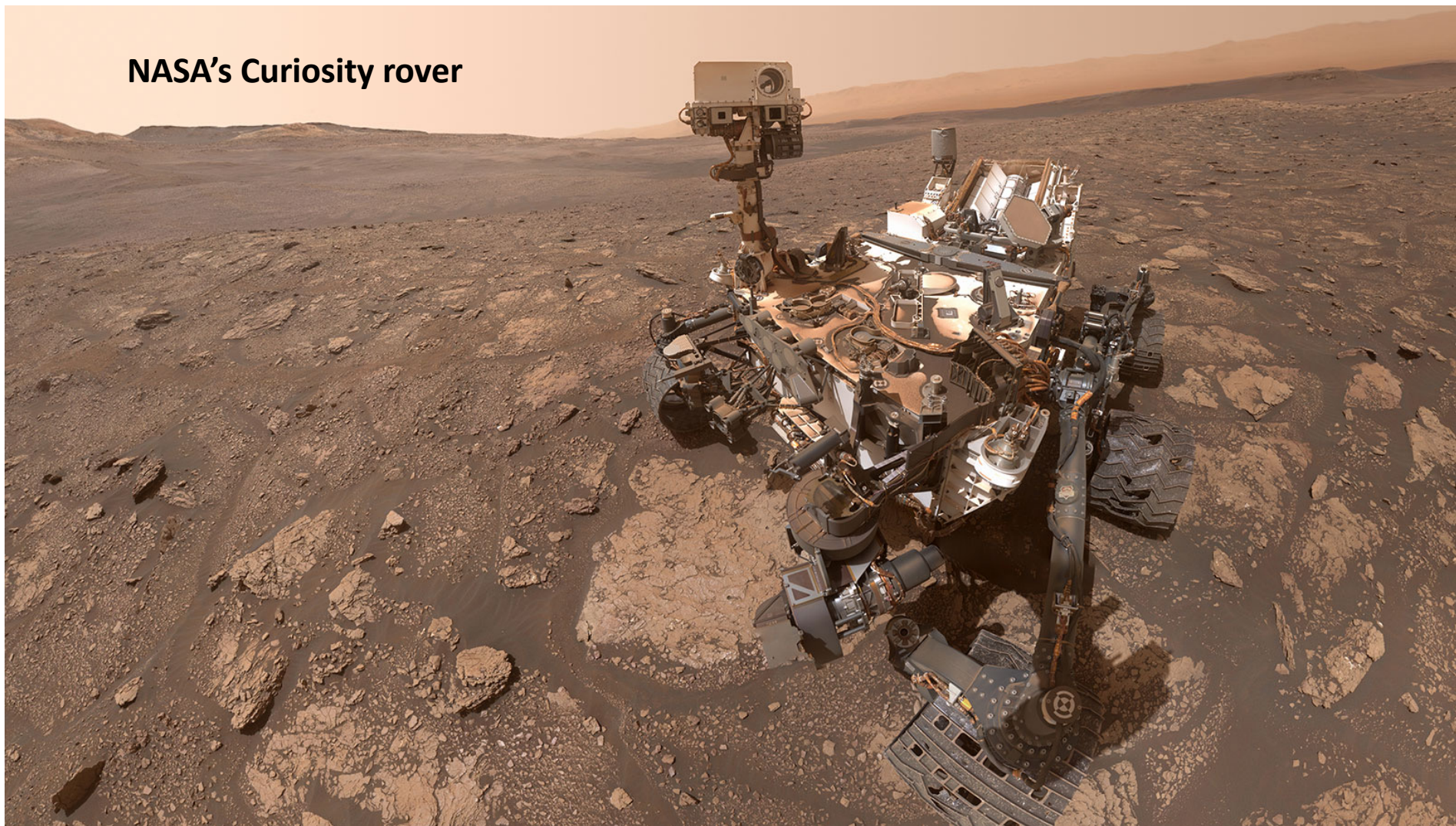




What is going on at Mars?
NASA is operating 3 orbiters and 2 rovers.
ESA is operating 2 orbiters



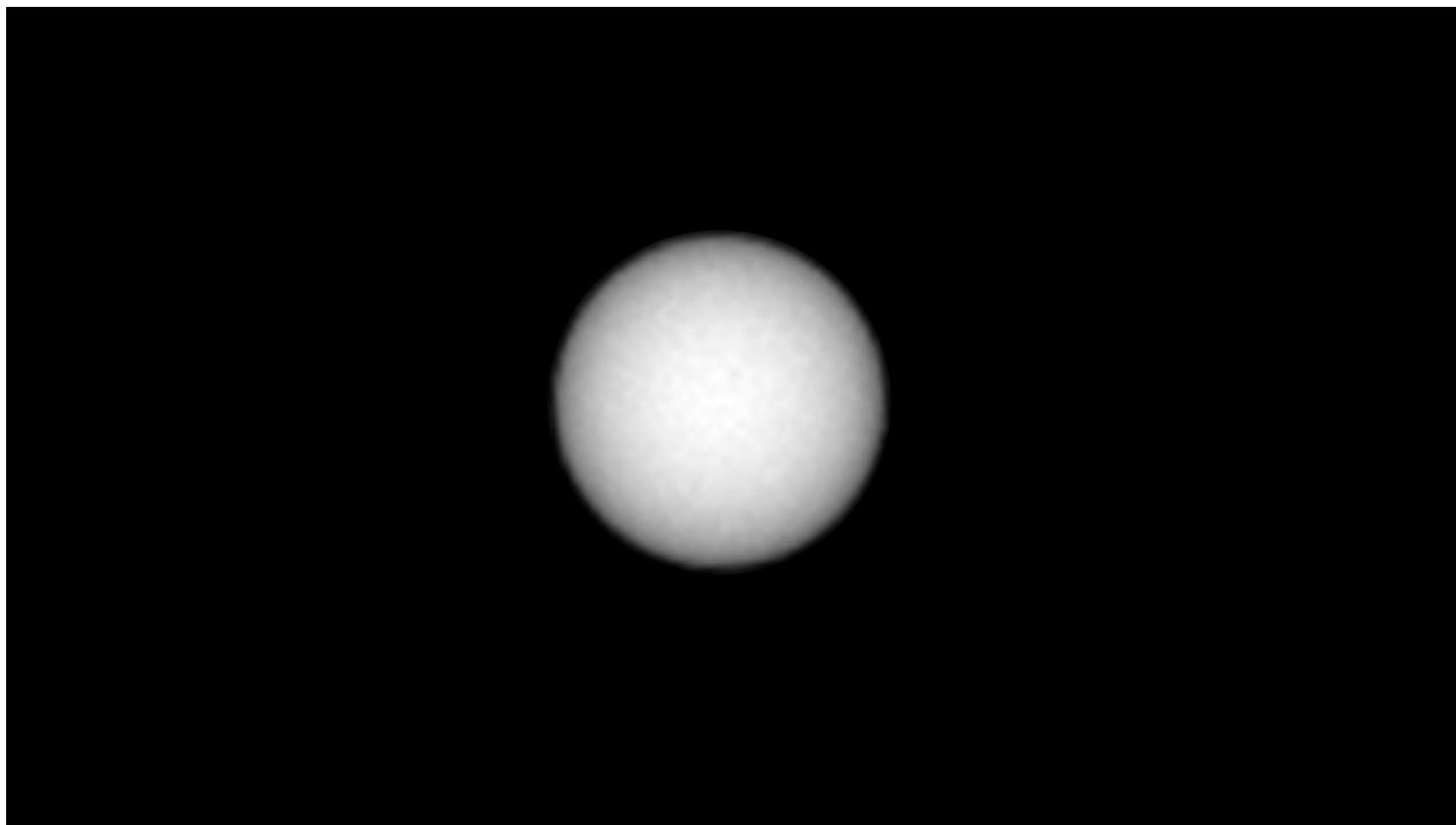
NASA's Curiosity rover



Wheel of Mars Curiosity rover after 10 years of operations

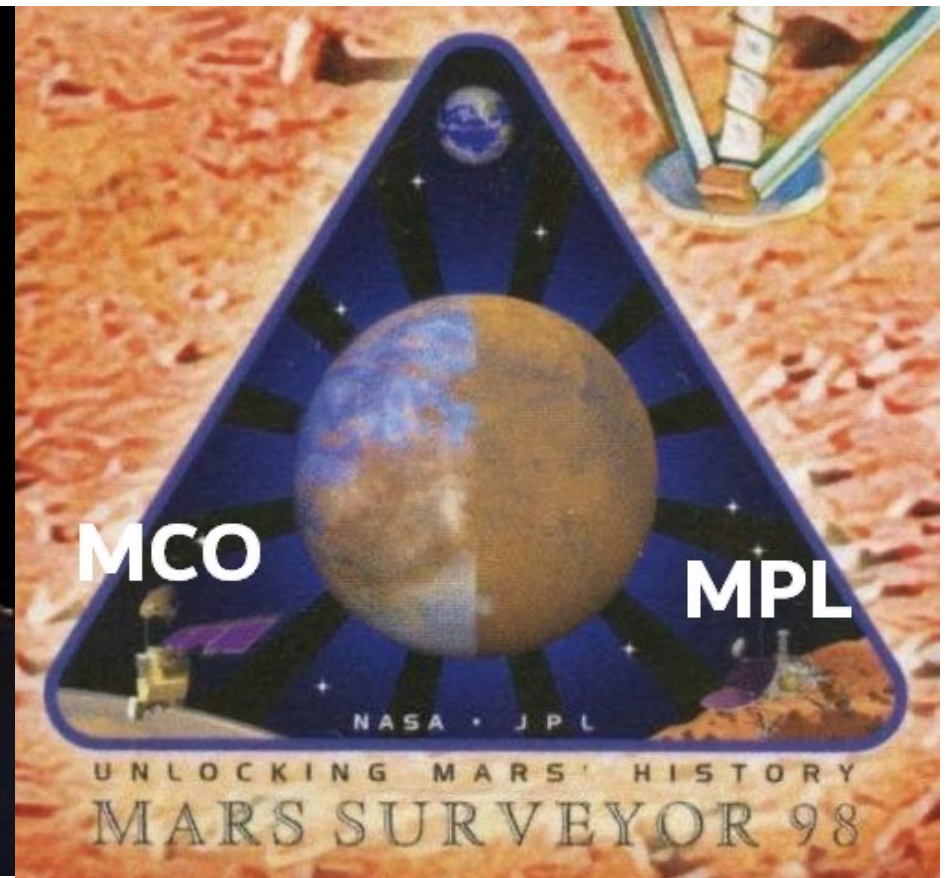






NASA's Perseverance Mars rover
landed on Mars on February 18, 2021.
It took this selfie over a rock
nicknamed "Rochette," on
September 10, 2021










zoom.us Meeting View Edit Window Help

Zoom Webinar

Recording


Live Transcription (Closed Captioning) has been enabled Who can see this transcript? Recording On

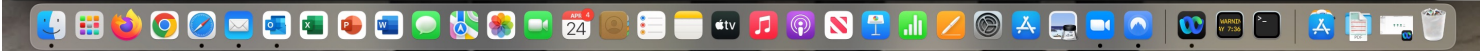


The Sky's Not the Limit: My Journey into Space Exploration and STEM

Kim and Judy Davis Dean's Lecture
in the Sciences

The program will begin momentarily.

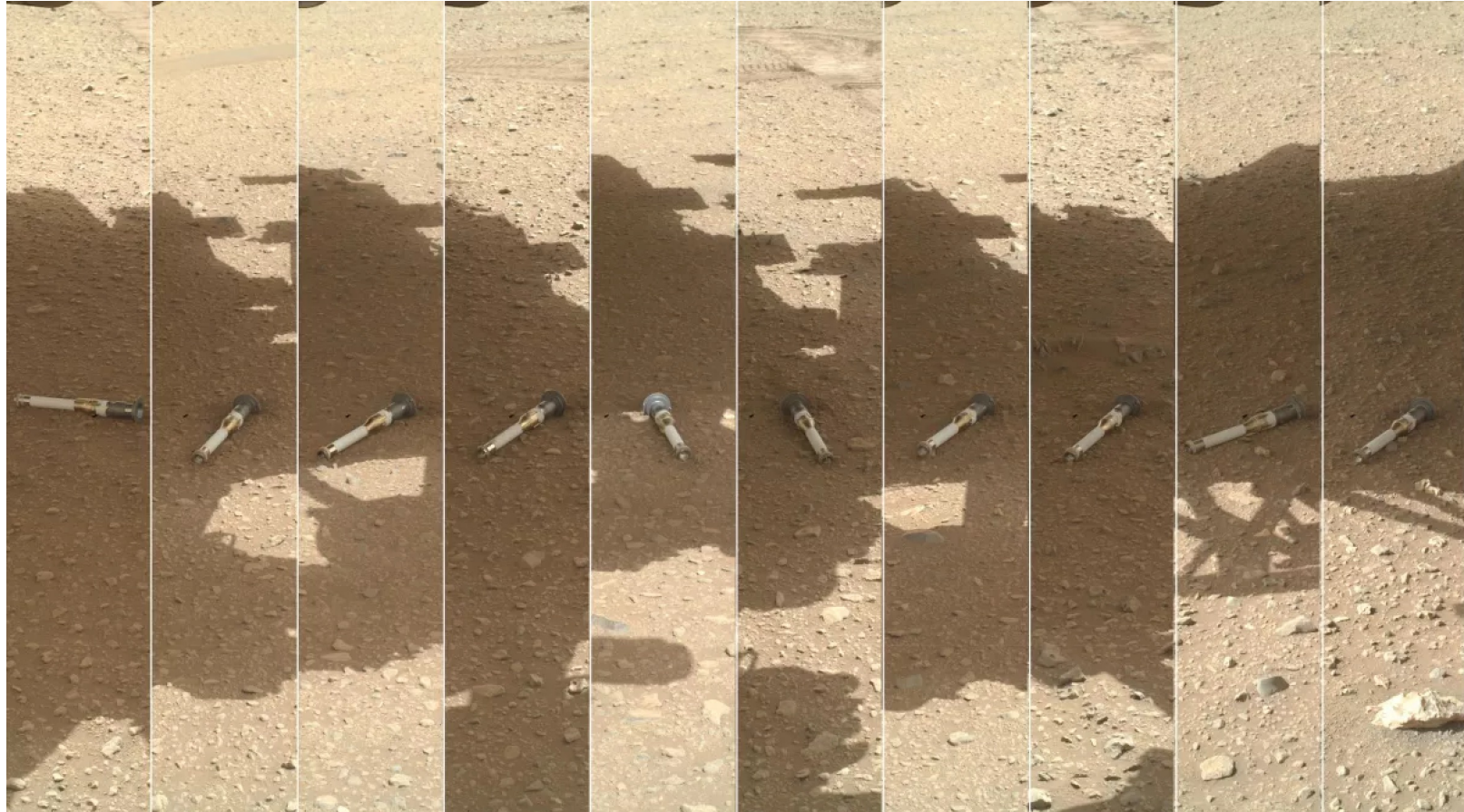
 Harvard
Radcliffe
Institute







Caching Samples at Three Forks (10 samples)



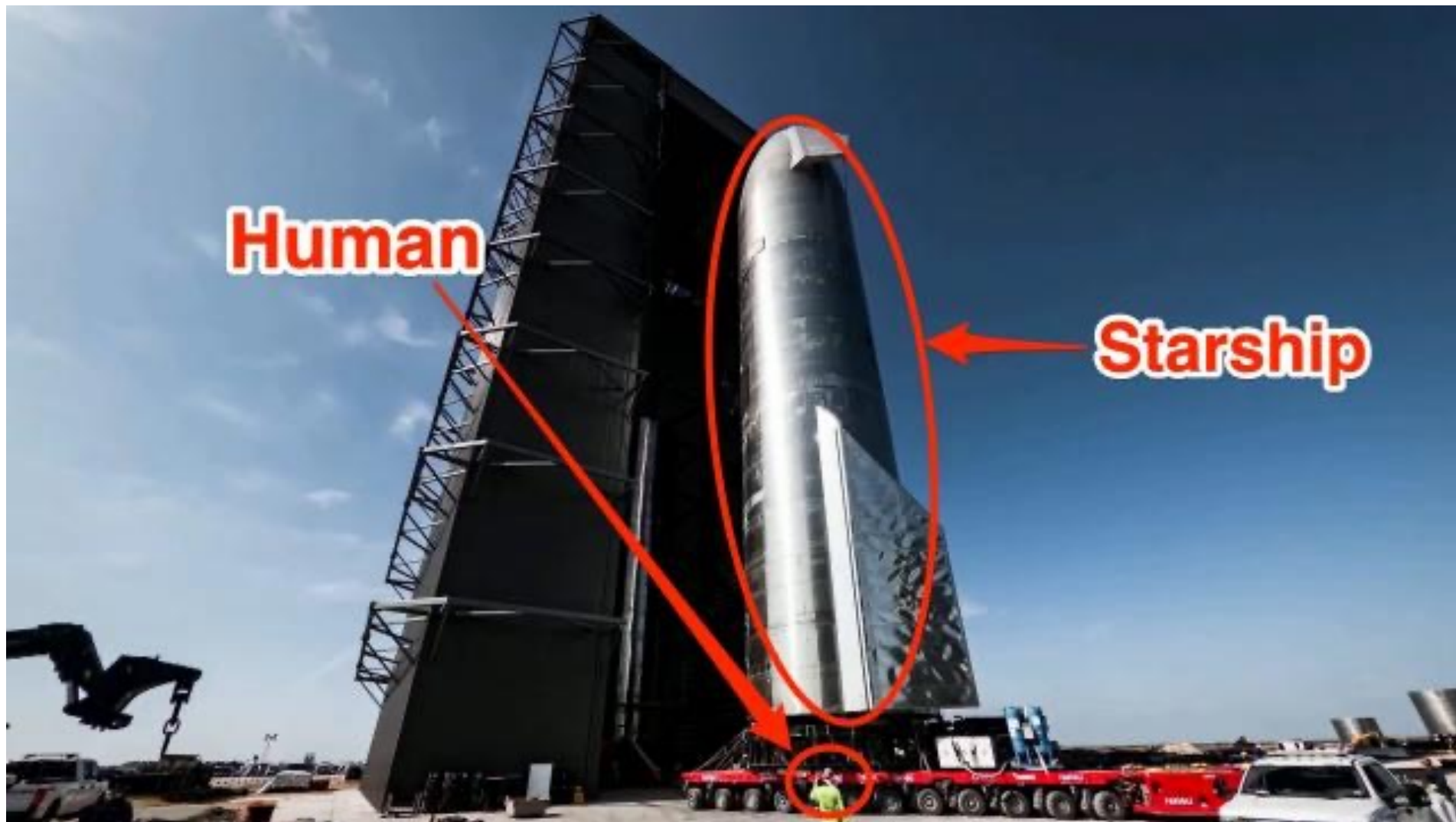


ARTEMIS

Twin sister of Apollo and goddess of the Moon in Greek mythology. With Artemis missions, NASA will:

- Collaborate with international and commercial partners to establish the first long-term presence on the Moon,
- Land the first woman and first person of color on the Moon, and
- Use what we learn on and around the Moon to take the next giant leap: sending the first astronauts to Mars.

This slide is adapted from slides by NASA ARTEMIS Chief Nujoud Merancy, dated Oct. 21, 2021.





Astronaut Dr. Kjell Lindgren Named Nebula Conference Toastmaster



Should future Mars missions have all-female crews?



Artist's depiction of a female astronaut on the surface of Mars. (Image credit: janiecbros/Getty Images)

Thank you for your attention.

