



## Small Innovative Missions for Planetary Exploration

- Solicitation for rideshare missions to conduct Planetary Science
  - SIMPLEX-1 (2014)
    - \$5.6M cost cap
    - 6U max size
    - Solicited via ROSES
  - SIMPLEX-2 (2018)
    - \$55M cap
    - up to 180 kg
    - Targeted specific launch opportunities
    - Solicited via SALMON
  - SIMPLEX-3 (TBD)

## Recent Highlights

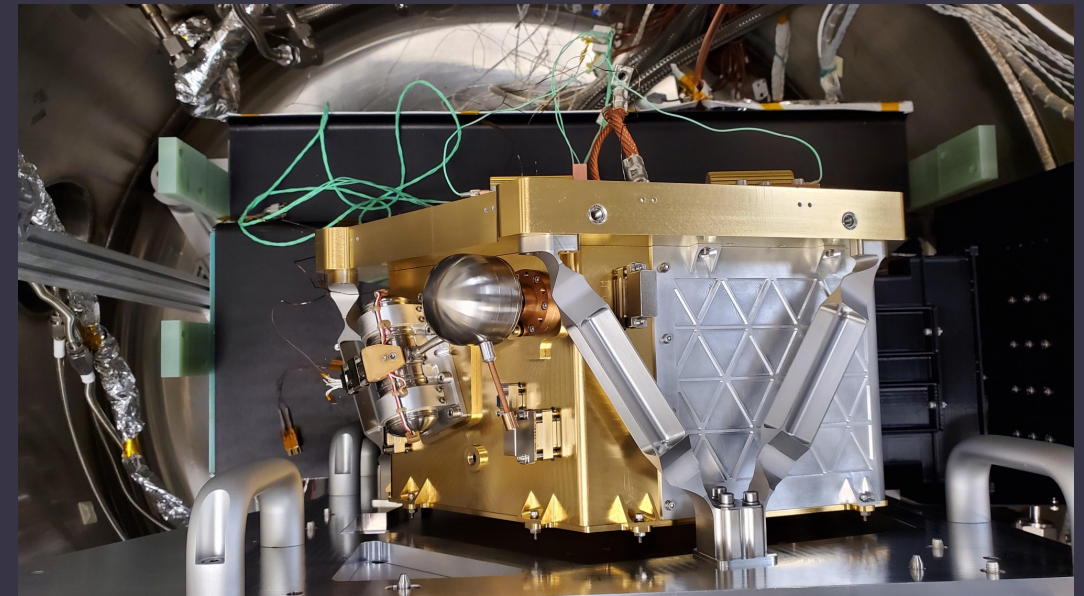
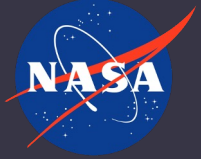


Photo credit: NASA/JPL-Caltech

The Lunar Trailblazer High-resolution Volatiles and Minerals Moon Mapper (HVM3) in thermal vacuum chamber at JPL



## Current Small Spacecraft Activities/Future Plans

- Lunar Trailblazer – In Assembly Test and Launch Operations (ATLO); launch with Intuitive Machines-2 - estimated Launch Readiness Date June 2023
- Janus – Completing ATLO, awaiting Psyche Independent Review results for next potential launch opportunity
- LunaH-Map launch with Artemis I – late 2022
- Future SIMPLEx calls will be announced

## Point(s) of Contact

- William Knopf, Program Executive
- [wknopf@hq.nasa.gov](mailto:wknopf@hq.nasa.gov)
  
- Doris Daou, Program Scientist
- [doris.daou-1@nasa.gov](mailto:doris.daou-1@nasa.gov)

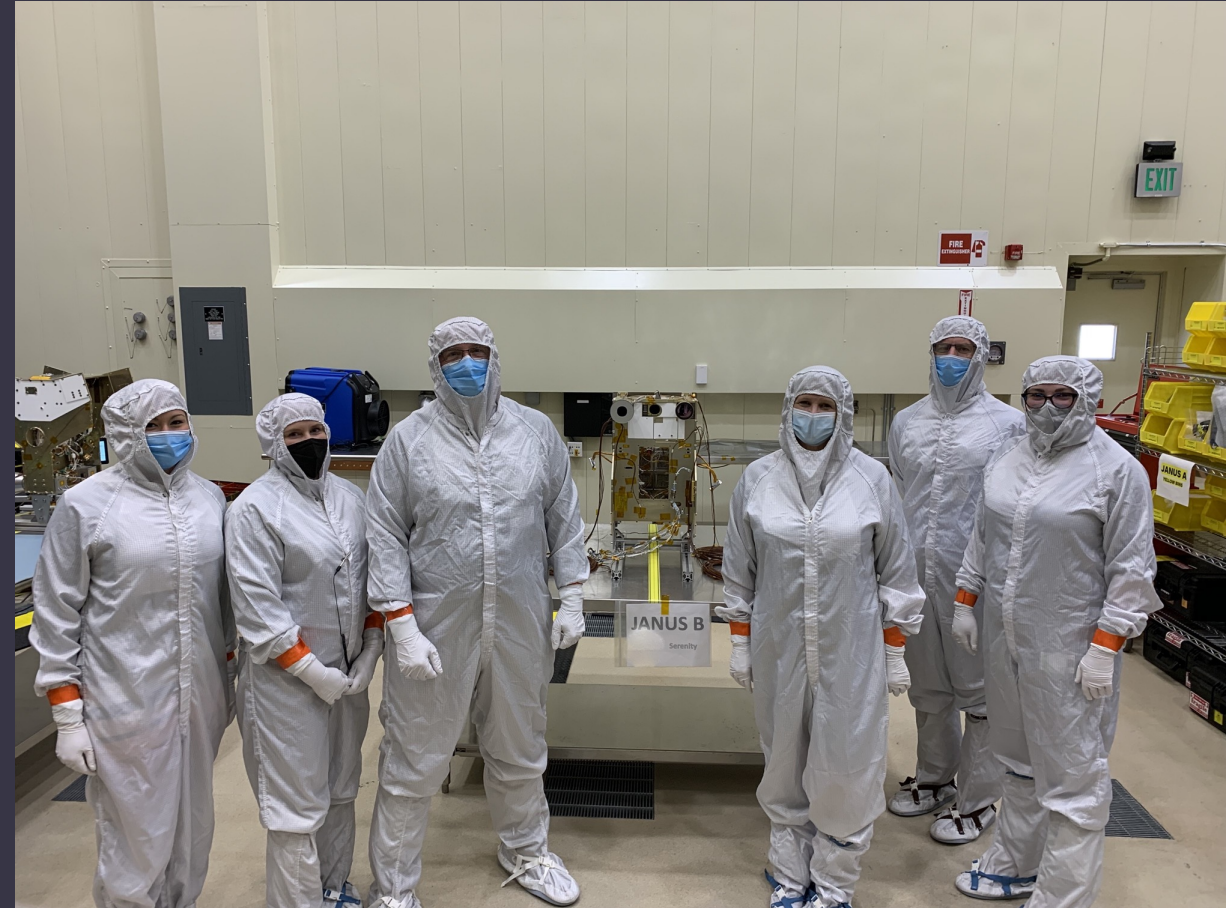
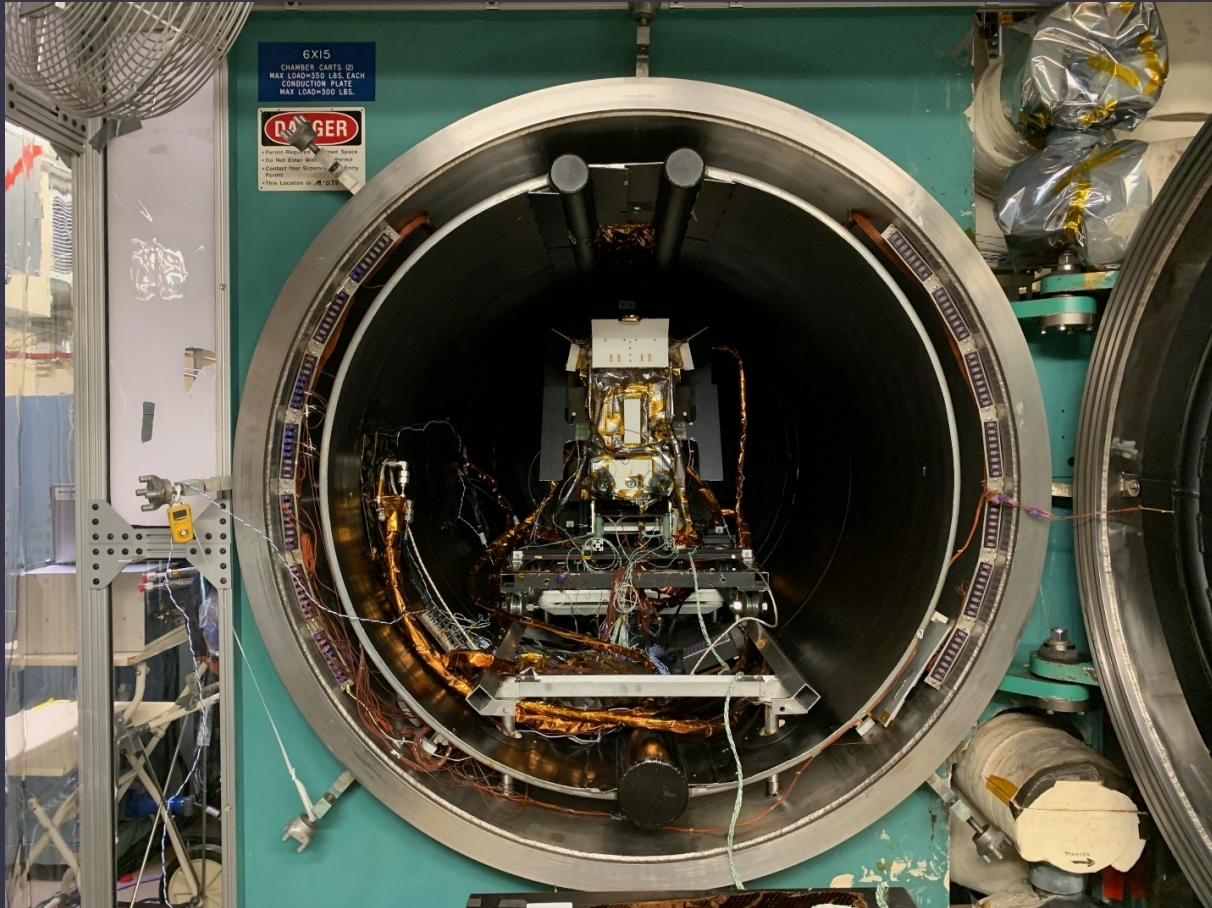


Photo credit: Lockheed Martin Space Systems/University of Colorado Boulder

Janus spacecraft in test chamber at LMSS Denver

Janus B with team members