NASA Flight Opportunities October 5, 2022 https://www.nasa.gov/directorates/spacetech/flight opportunities/community-of-practice



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NASA FLIGHT OPPORTUNITIES



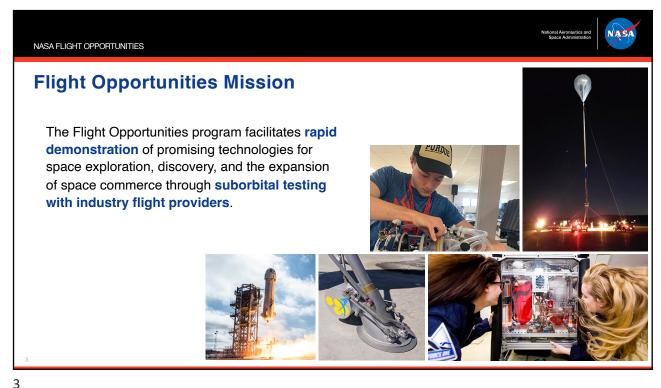
Welcome to the Community of Practice Webinar Series!

First, a bit of housekeeping...

- · Please mute your microphone and turn off your camera
- · Today's session will be recorded
- Recordings for this and all future session will be posted on the Flight Opportunities website
- Please engage!
 - Use the chat throughout the session to ask questions

https://www.nasa.gov/directorates/spacetech/flightopportunities/community-of-practice **NASA Flight Opportunities**

October 5, 2022







Join us for future Community of Practice webinars!

Watch our website and newsletter for next month's topic

nasa.gov/directorates/spacetech/flighto pportunities/newsletter

Future webinars

- Webinars are held 1st Wednesday of each month at 10 a.m. PT
- · Topics will be announced in the Flight Opportunities newsletter and website
- · Session recordings will be posted on the Flight Opportunities website
- Let us know session topics you would like to see covered

NASA FLIGHT OPPORTUNITIES

Vational Aeronautics and Space Administration



TechRise Student Challenge

- TechRise invites teams of sixth to 12th grade students to design, build, and launch experiments on suborbital rockets and balloon flights. Winning teams receive \$1,500 to build payloads and an assigned spot on a NASA-sponsored high-altitude balloon flight via a commercial provider.
- Provides students of all experience levels with hands-on engineering and technical skills through close mentorship. Students go through the same design, build, and test process as NASA-supported researchers.
- · Please share with students/educators or visit the website below to volunteer as a judge



Current challenge closes Oct. 24th!

futureengineers.org/nasatechrise

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NASA FLIGHT OPPORTUNITIES

National Aeronautics and



Today's Speakers



Danielle McCullochDeputy Program Manager,
NASA Flight Opportunities

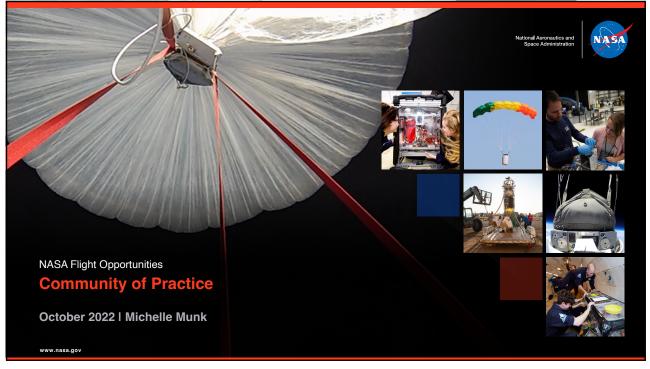


Michelle Munk
Acting Chief Architect
Space Technology Mission
Directorate



Lucas Moxey
Lead, Commercial Suborbital
Initiative
Science Mission Directorate

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Strategic Technology Architecture Roundtable (STAR)

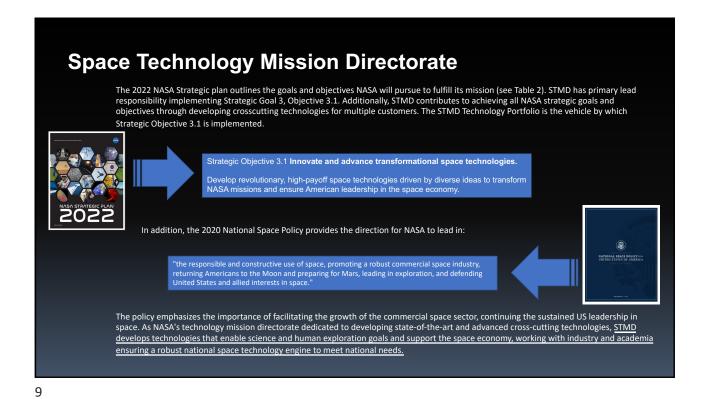
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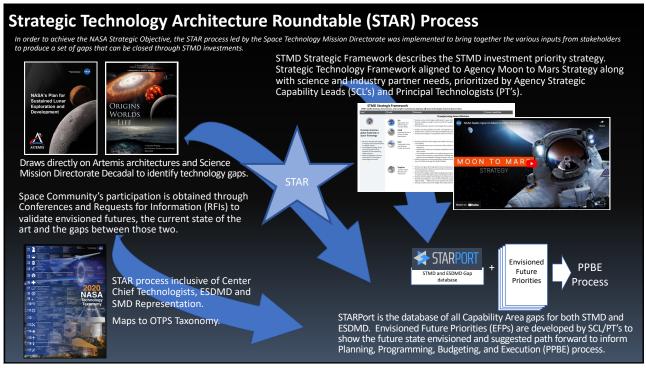
> Michelle M. Munk **Acting Chief Architect**

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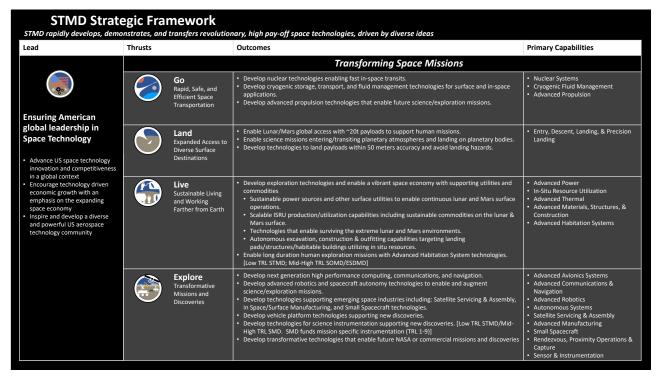




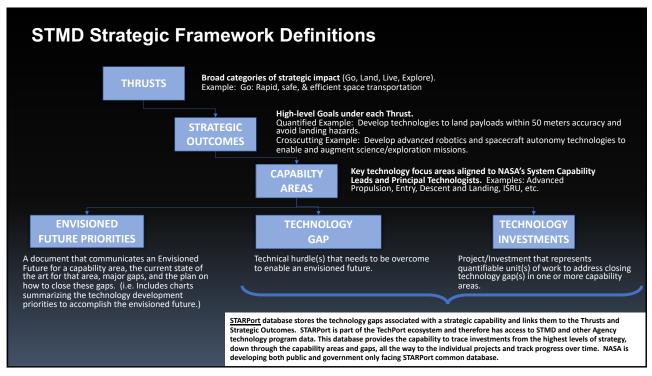
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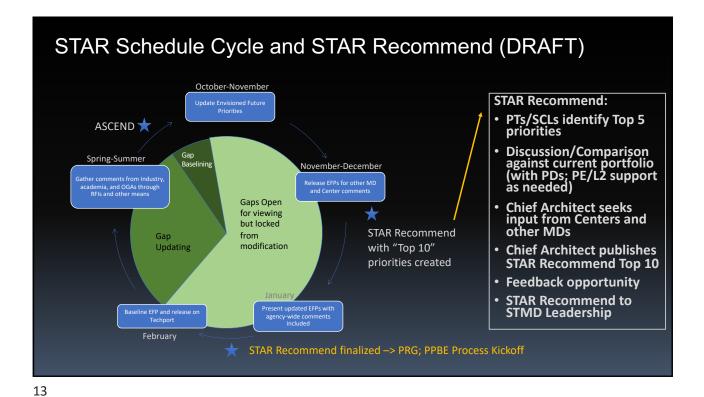
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Federated Board Gap Analysis

NASA
Workforce
Industry/Academia
Consultation

International
Workshop

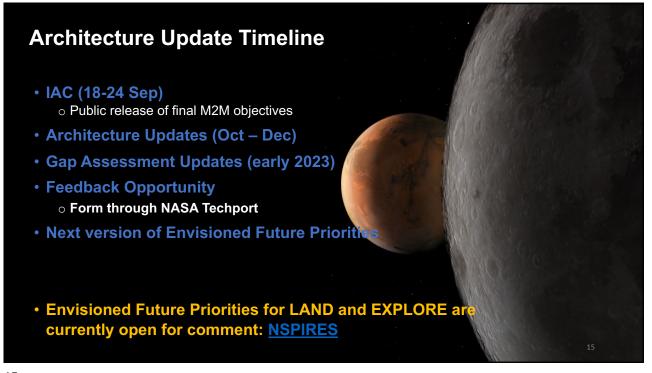
Federated Board
Processes

Incl. Center Reps & SME's

August 2022

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NEW IN ROSES-22 FOR SUBORBITAL RESEARCH

Important Guidelines for APRA (D.3) and H-LCAS (B.9) Solicitations

- 1. Proposals must follow suborbital flight guidelines detailed in Sect. VIII(c) ROSES-2022 Summary of Solicitation
- 2. Mandatory brief NOI-stage Payload Requirements Document (PRD) (available via NSPIRES)
 - Provides basic information about the proposed payload needs (e.g.: vehicle type, dimensions, mass, launch location, flight date, min/max altitudes, etc.)
 - Used by NASA to conduct preliminary assessments of compatible suborbital platforms
 - PRD information will not be used as part of proposal evaluation process
- 3. Mandatory Proposal-stage Payload Requirements Document (PRD) (Available via NSPIRES)
 - Provides more detailed information about the payload needs
 - Used by NASA to match payload requirements with suitable suborbital platforms
- 4. No quotes or cost estimates related to flight services should be included in the proposal
- 5. If selected, NASA Campaign Manager will serve as liaison between PI and commercial flight provider
- 6. Informational webinar will be held on Oct. 11 at 1pm ET (10am PT) via Webex (detailed info via NSPIRES)

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