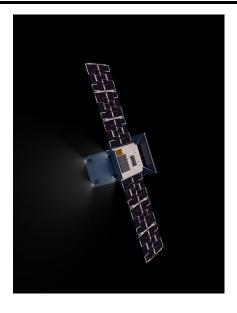
NASA Small Spacecraft Launch Overview for 2022

Over the past several years, investments in small spacecraft have continued to increase across NASA. The development and launch of state-of-the-art SmallSat technologies and the achievement of ground-breaking science using the platform are increasing with pace. So far this year, 11 NASA SmallSat missions have launched, including CAPSTONE, the first SmallSat to use the ballistic lunar transfer approach to reach the Moon. Another 22 SmallSats are scheduled to launch by the end of 2022, including the CubeSat secondary payloads scheduled for launch on the highly anticipated Artemis-I mission. Read More



CAPSTONE Spacecraft. Credit: NASA

Upcoming Events & Releases

- Aug. 8: NASA Town Hall at the 2022 Small Satellite Conference (in-person, presentations to be posted following the live event)
- Aug. 17: Community of Practice Webinar Liquid Lenses for Free Space Optical Communications
- Sept. 1: NASA SBIR Ignite 2022 Program Solicitation Proposals Due (5PM ET)
- Sept. 1: Third Stand Alone Mission of Opportunity Notice SALMON-3 Earth Venture Instrument - 6 - Proposals Due
- Sept. 13-14: 24th Annual Small Payload Ride Share Symposium (in-person & virtual)
- **Sept. 14**: Community of Practice Webinar Shields-1 Dosimetry Measurements in Polar Low-Earth Orbit
- Oct. 12: Community of Practice Webinar E. coli AntiMicrobial Satellite: Results and Lessons Learned from NASA's First 6U Biological CubeSat
- Nov. 16: Community of Practice Webinar Safe Space Conduct: NASA Best Practices for SmallSats
- Dec. 15: D3 Astrophysics Research and Analysis Program Proposals Due
- Early 2023: NASA Small Spacecraft Technology State of the Art Report release

Community Engagement

NASA at the 2022 Small Satellite Conference

NASA Participation Guide

Don't miss NASA Technical Presentations, Short Talks, Live



Events, Posters, Swifties, and Exhibits at the Small Satellite Conference

Download the Guide

Small Spacecraft Community of Practice Webinar Series

Late Summer and Fall Schedule 2022

Join us for upcoming Community of Practice webinars including those in our "Mission Accomplished" Series. Invited speakers will present information on lessons learned, developments in technology, and NASA best practices.

Subscribe via the link below to receive announcements of upcoming webinars.

Bookmark the Schedule





New Mission Design Tools Available

The S3VI tracks publicly available software tools found useful in the development of small spacecraft missions. Tools added to the toolbox this quarter include those for satellite constellation remote sensing, trajectory design and optimization, and mission operations.

Read More

Opportunities to Engage

NASA Solicitations Conferences & Events

Information Search

Webinar Series **NASA Resources**

Around the Agency

Highlights and links to NASA centers engaged in small spacecraft activities

Image Credit: Spaceflight Inc.



Launch Window

NASA Launch Portal

Looking for a ride? NASA's Launch Portal is a resource to provide SmallSat/CubeSat developers an opportunity to find potential secondary launch opportunities on flights that are support upcoming NASA SmallSat/CubeSat missions.

Recent NASA Launches

Wondering what NASA has launched lately? Visit our listing of recently launched and deployed small spacecraft. Each mission highlight offers information on launch date and vehicle, orbit, deployment status and mission description.