NASA Releases Small Spacecraft Reliability Knowledge Base Tool v3.0

NASA's Small Spacecraft Reliability Initiative (SSRI) Knowledge Base v3.0 was deployed on June 28, 2023. The enhancements featured in this version include: an upgrade to the search bar to facilitate search of all content and the addition of fields for each "Best Practices and Lessons Learned" item. These new fields will allow users recommending content to provide more context and detail, and will enable the Knowledge Base to support rich lessons learned content collection during the NASA Learning from Experiences, Achievements, and Resolution Navigation (LEARN) Forum. The SSRI KB Tool is available to the entire satellite community and accessed at https://s3vi.ndc.nasa.gov/ssri-kb/ Read More



Upcoming Events & Releases

- Aug 5-10: Small Satellite Conference, Utah State University, Logan, Utah
 - See the NASA@ SmallSat2023 Guide for all NASA content at this year's Small Satellite Conference
 - Aug 7: NASA Town Hall
 - Aug 8: NASA Short Talks Session 1 (streamed live)
 - Aug 9: NASA Short Talks Session 2 (streamed live)
- Aug 28: Proposals Due for the Suborbital/Hosted Orbital Flight and Payload Integration
 Services 4
- Sep 13: CoP Webinar DLR's solutions for Optical Communication on CubeSats
- Oct 4: Full Proposals Due Technology Advancement Utilizing Suborbital and Orbital Flight Opportunities "TechFlights"
- Oct 11-12: In-Person NASA SmallSat LEARN Forum at LaRC. Apply to attend.
- Oct 11: CoP Webinar Tether Electrodynamics Propulsion CubeSat Experiment
- Dec 11-15: American Geophysical Union 2023 Fall Meeting in San Francisco, CA
- Feb 20-24, 2024: Small Satellites and Services International Forum in Malaga, Spain

Community Engagement

NASA at the 2023 Small Satellite Conference

NASA@SmallSat2023 Guide



Don't miss NASA Technical Presentations, Short Talks, Posters, Swifties, "Meet a Program Executive / Program Manager" opportunities, and Exhibits at the Small Satellite Conference

Download NASA@SmallSat2023

Small Spacecraft Community of Practice Webinar Series

Late Summer and Fall Schedule 2023

Join us for upcoming Community of Practice webinars including the NASA Short Talks streamed live from the 2023 Small Satellite Conference. NASA Short Talk speakers will present on a number of topics in lightning talk format over the course of two sessions held Tuesday and Wednesday, August 8 and 9, 3:30 – 4:30PM Mountain Time.

See the links below for more details and to connect.

Link to the NASA Short Talk Live Stream - <u>Session 1</u> & <u>Session 2</u>



NASA Small Spacecraft Technology State-of-the-Art Report

Slated for release in December 2023, the Small Spacecraft Technology State-of-the-Art report



includes a new chapter on orbital maneuvering vehicles as well as extensive updates to a number of existing chapters.

Future releases will undergo specific technology chapter updates every two years.

2022 State-of-the-Art Report

Opportunities to Engage

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Information Search

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Attending the 2023 Small Satellite Conference?



Have a question about SmallSats at NASA? Bring your questions to the NASA Exhibit Lounge during select afternoon and morning breaks to speak with NASA program executives, program managers, and investigators engaged in NASA SmallSat efforts.

See the schedule in the NASA@SmallSat 2023 Guide

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.