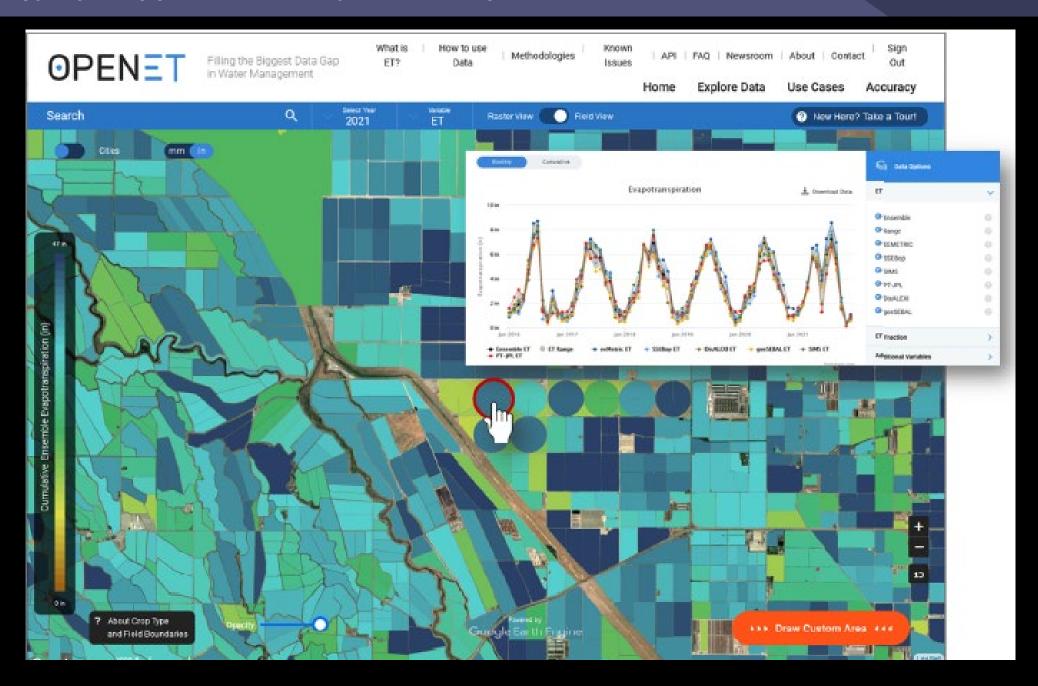
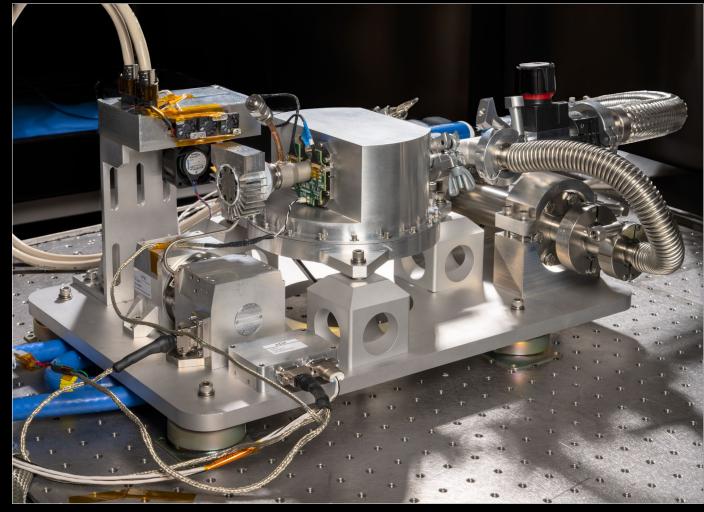




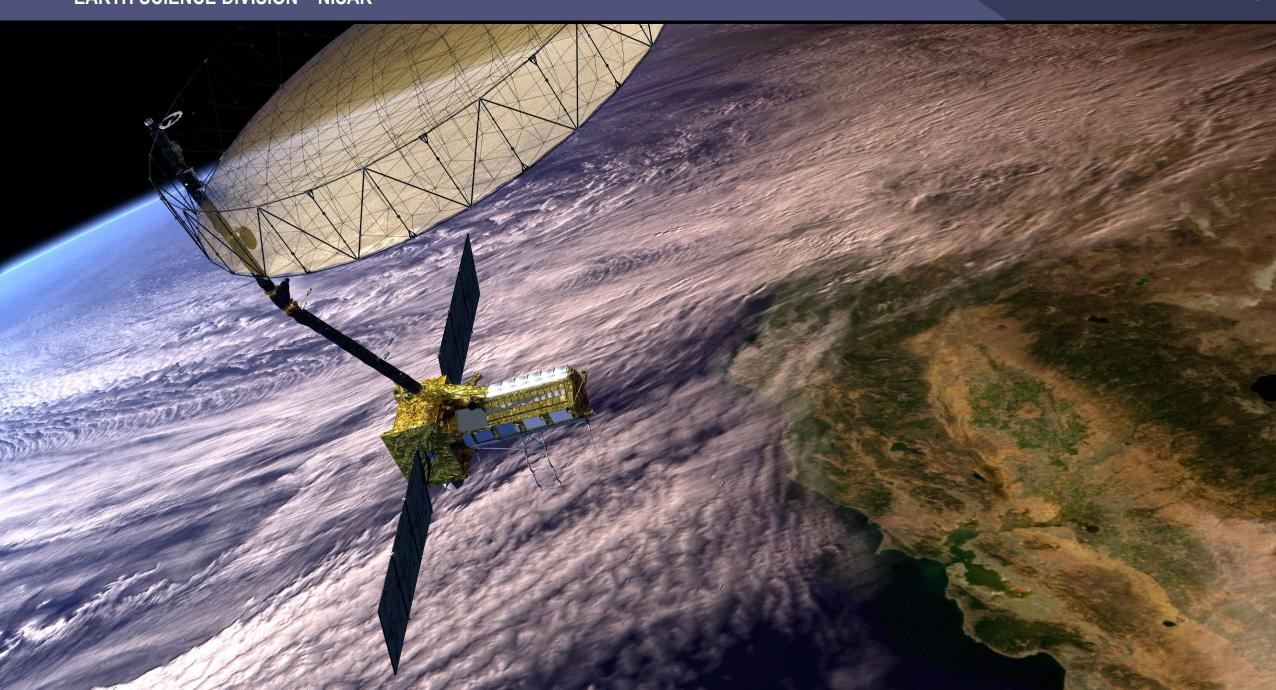
PROTECT & IMPROVE LIFE SEARCH FOR LIFE **DISCOVER SECRETS** ON EARTH & IN SPACE **ELSEWHERE** OF THE UNIVERSE

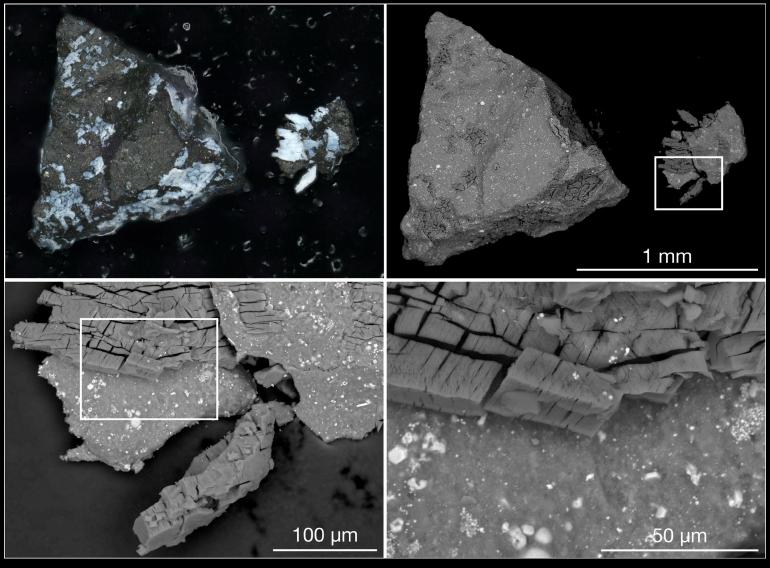




Compact Fire Infrared Radiance Spectral Tracker (C-FIRST)

B200 King Air in support of the Signals of Opportunity Synthetic Aperture Radar (SoOpSAR)





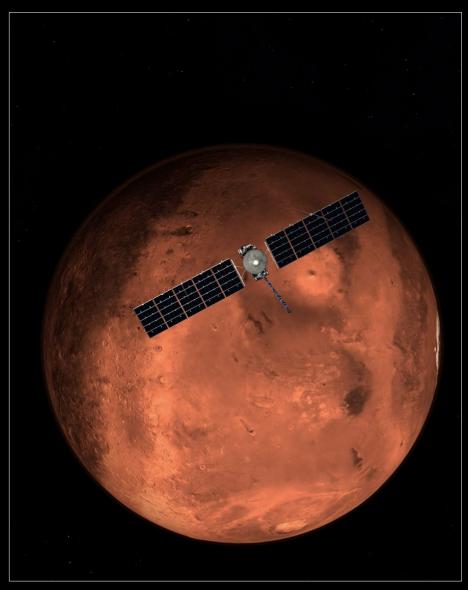
A tiny fraction of the asteroid Bennu sample returned by NASA's OSIRIS-REx mission, shown in microscope images.



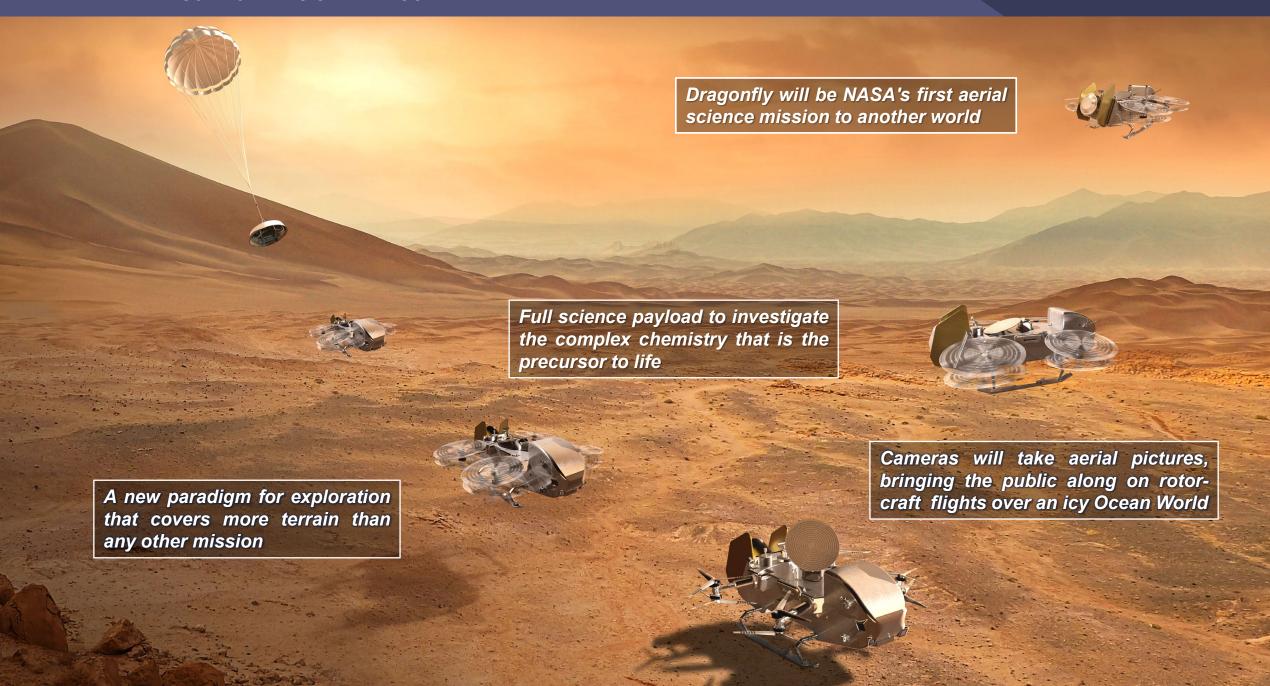
NEO Surveyor Instrument Enclosure Inside Historic Chamber A

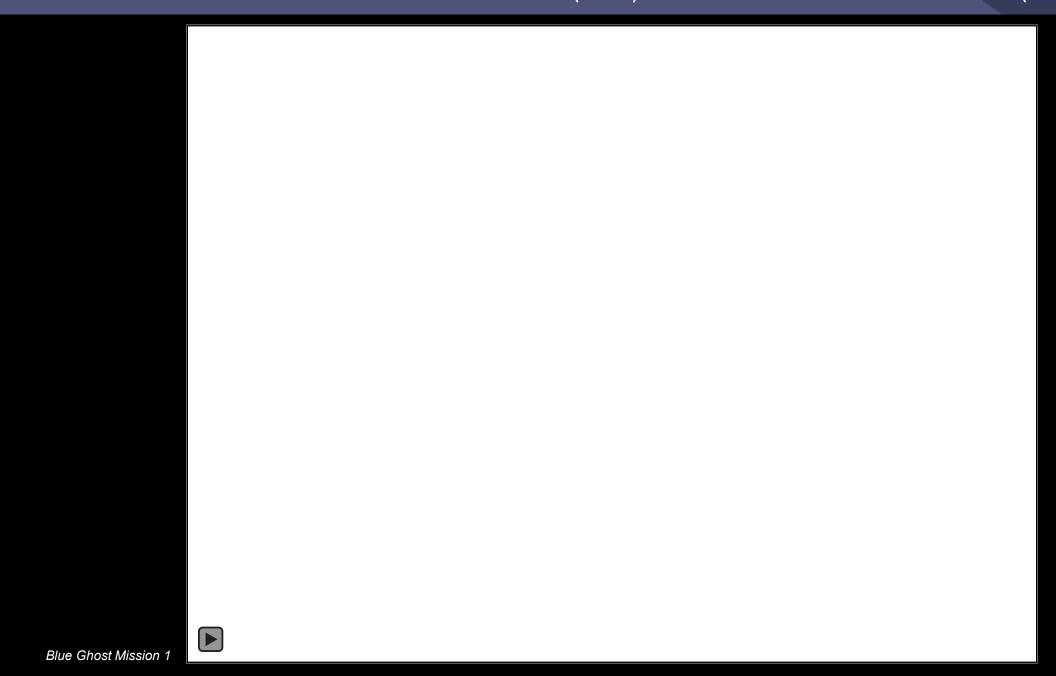


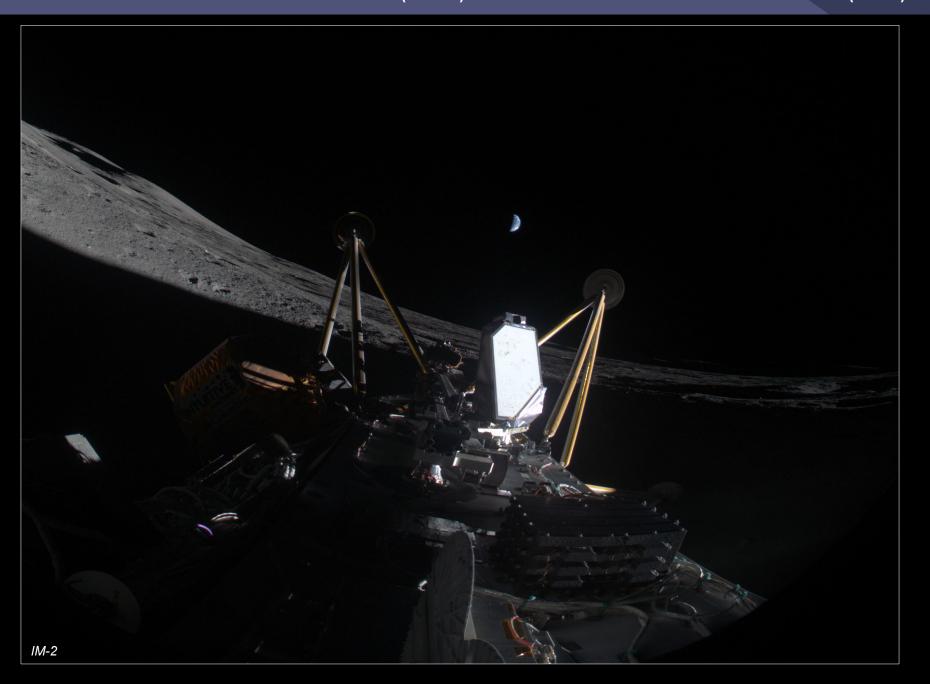
A SpaceX Falcon Heavy rocket carrying the Europa Clipper spacecraft lifts off from Launch Complex 39A at NASA's Kennedy Space Center on Monday, Oct. 14, 2024.



This artist's concept depicts NASA's Europa Clipper as it flies by Mars.









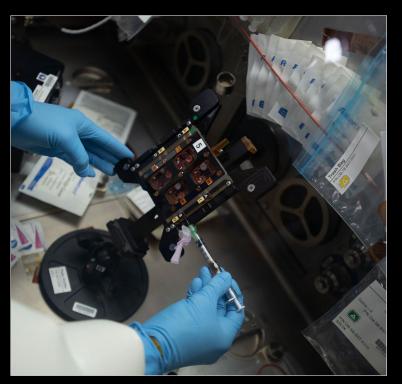


Researcher Rob Ferl became the first NASA-funded researcher to tend his own experiment in space, studying how plant genetics adapt to different stages of spaceflight on Blue Origin's NS-26 mission.



NASA astronaut Jessica Meir conducts cardiac research using tissue chip platforms in the Life Sciences Glovebox aboard the International Space Station in March of 2022.

Sponsoring Institutions: National Center for Advancing Translational Sciences, the National Institute of Biomedical Imaging and Bioengineering, and the ISS National Laboratory.



Astronaut Megan McArthur works on the Cardinal Muscle investigation in the Life Sciences Glovebox aboard the International Space Station.

Sponsoring Institutions: National Science Foundation and the Center for the Advancement for Science in Space (CASIS)



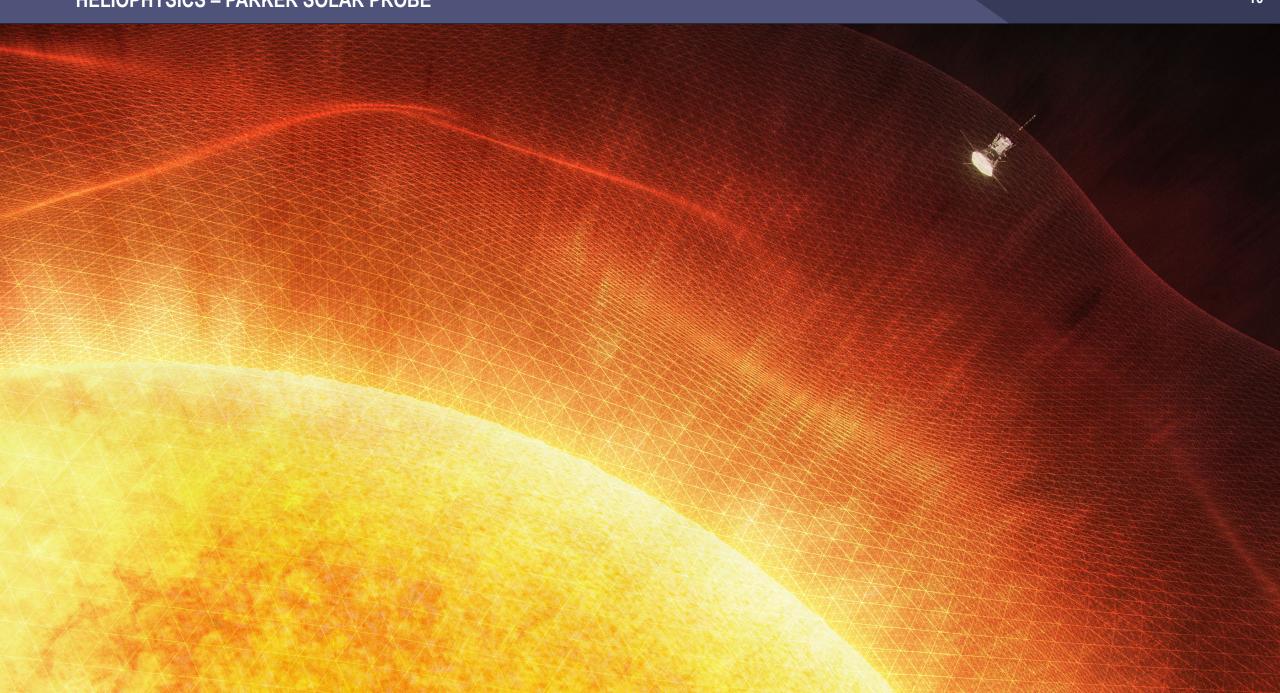
A tissue chip held by Biological and Physical Sciences Division Director Dr. Lisa Carnell. Tissue chips such as this will be used in upcoming space flight research and Artemis missions.

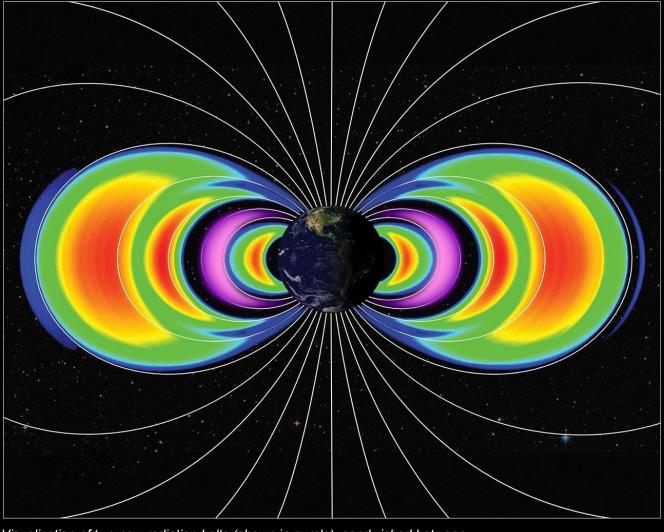
Image of Emulate Chip: Wyss Institute

ARTEMIS SCIENCE



Artist's illustration of an Artemis astronaut on the lunar surface



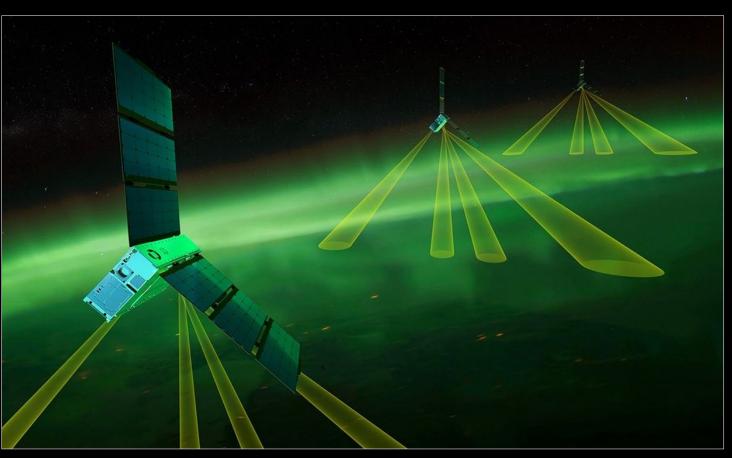


Visualization of two new radiation belts (shown in purple), sandwiched between the two permanent Van Allen Belts.

HELIOPHYSICS – EZIE



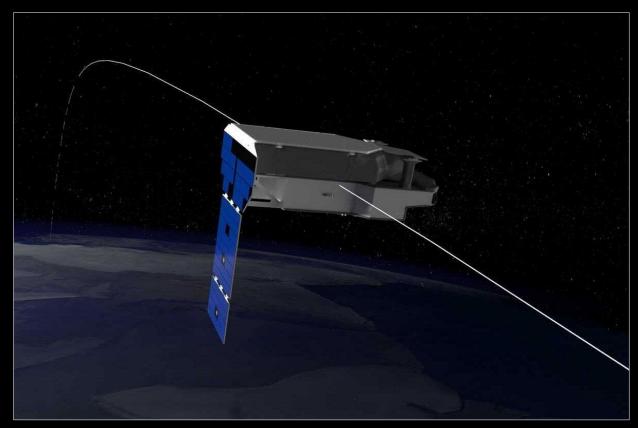
Technicians attach a solar array to one of the Electrojet Zeeman Imaging Explorer (EZIE) CubeSats. Credit: Brooks Freehill, Blue Canyon Technologies



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An artist's concept shows the three EZIE satellites orbiting Earth. Credit: NASA/Johns Hopkins APL/Steve Gribben

HELIOPHYSICS – PUNCH



Artist's concept of Polarimeter to Unify the Corona and Heliosphere (PUNCH) mission



NASA's PUNCH satellites are deployed after launching from Vandenberg Space Force Base in California on March 11, 2025



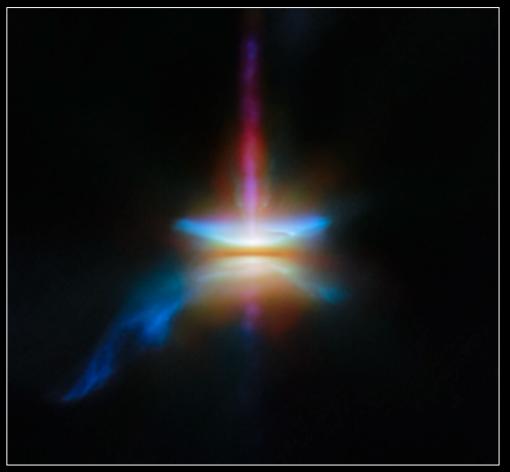
SPHEREx Spacecraft on Work Stand in Astrotech

SPHEREx observatory and PUNCH satellites lift off on a SpaceX Falcon 9 rocket on March 11, 2025.

Little Red Dots

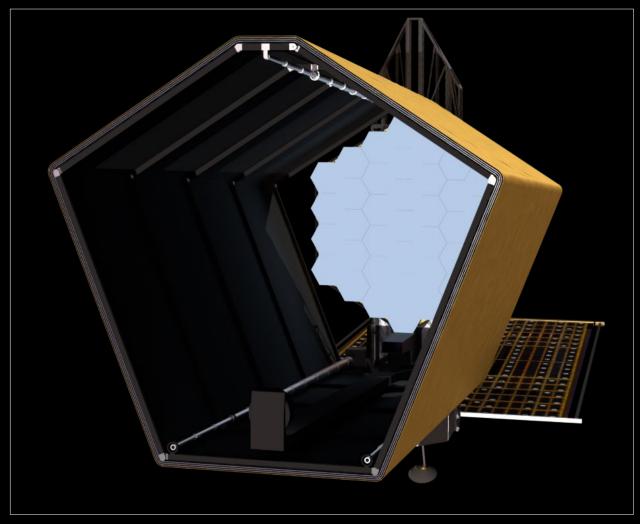
PRIMER-COS 10539 **CEERS 14448** NGDEEP 4321 z = 4.75z = 8.92z = 7.48PRIMER-UDS 17818 **JADES 9186 CEERS 20320** z=5.27z = 4.99z = 6.40

HH-30: Edge-on protoplanetary disc



Galaxies < 1.5 Bn yrs old with supermassive black holes

A close-in image of a protoplanetary disc around a newly formed star



This artist's concept features one of multiple initial possible design options for NASA's Habitable Worlds Observatory. Credits: NASA's Goddard Space Flight Center Conceptual Image Lab



Deployable aperture cover for NASA's Nancy Grace Roman Space Telescope as seen through the outer barrel assembly. Credit: NASA/Chris Gunn

