

National Aeronautics and
Space Administration

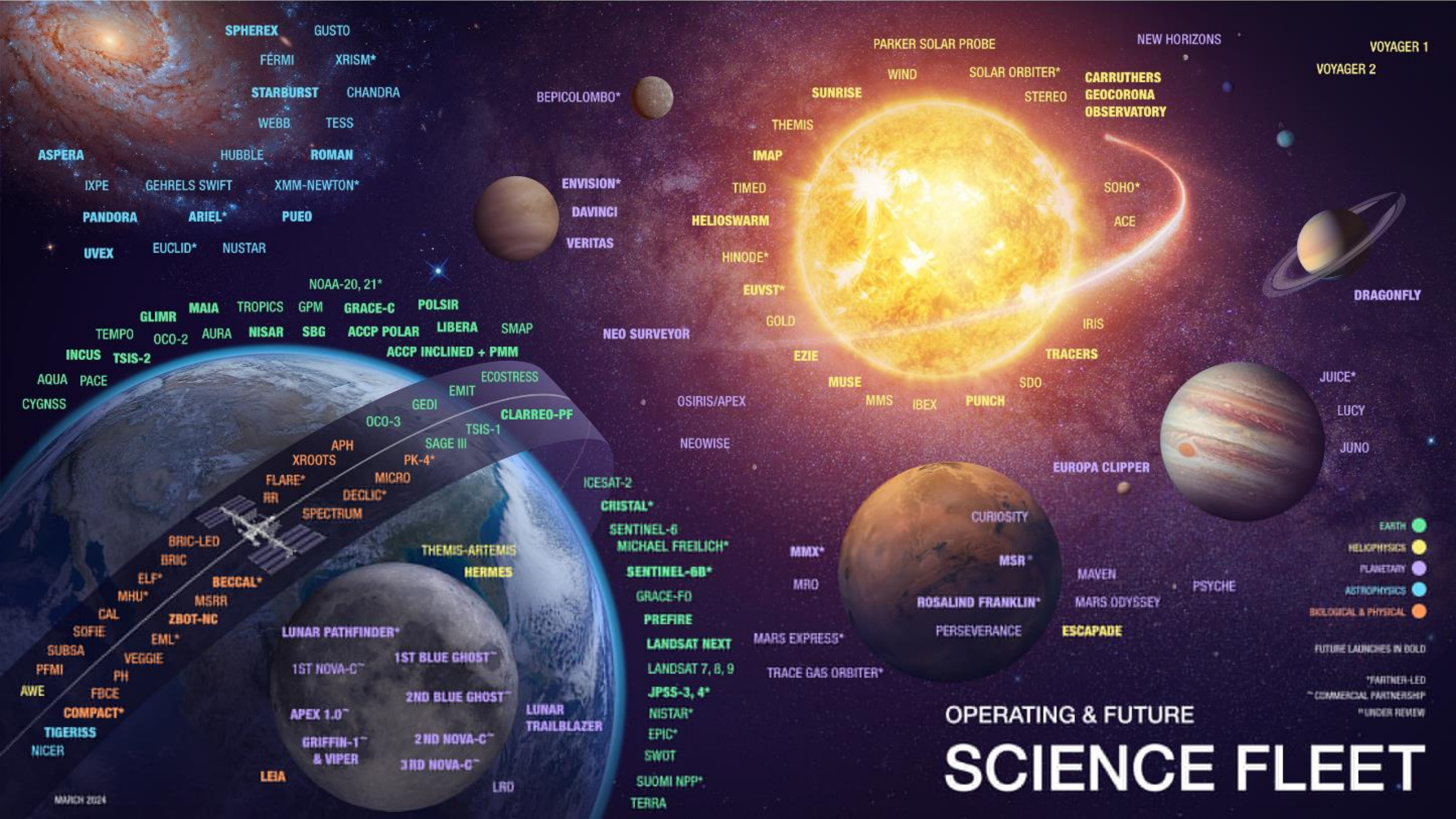


2024 NASA SCIENCE

**Science Mission
Directorate Update**
*SmallSat Conference
NASA Town Hall*

Peg Luce
SMD Deputy Associate
Administrator for Programs (Acting)
August 5, 2024





SPHEREX GUSTO

FÉRMÍ XRISM*

STARBURST CHANDRA

WEBB TESS

ASPERA HUBBLE ROMAN

IXPE GEHRELS SWIFT XMM-NEWTON*

PANDORA ARIEL* PUEO

UVEX EUCLID* NUSTAR

NOAA-20, 21*

GLIMR MAIA TROPICS GPM GRACE-C POLSIR

TEMPO OCO-2 AURA NISAR SBG ACCP POLAR LIBERA SMAP

INCUS TSIS-2 ACCP INCLINED + PMM

AQUA PACE ECOSTRESS

CYGNSS GEDI EMIT CLARREO-PF

OCO-3 TSIS-1

APH SAGE III

XROOTS PK-4*

FLARE* MICRO

RR DECLIC*

SPECTRUM

BRIC-LED

BRIC

ELF*

MHU*

CAL

SOFIE

SUBSA

PFMI

AWE

VEGGIE

PH

FDCE

COMPACT*

TIGERSS

NICER

LUNAR PATHFINDER*

1ST NOVA-C™

APEX 1.0™

GRIFFIN-1™ & VIPER

LEIA

THEMIS-ARTEMIS

HERMES

1ST BLUE GHOST™

2ND BLUE GHOST™

2ND NOVA-C™

3RD NOVA-C™

LUNAR TRAILBLAZER



BEPICOLOMBO*

ENVISION*

DAVINCI

VERITAS

NEO SURVEYOR

OSIRIS/APEX

NEOWISE

ICESAT-2

CRISTAL*

SENTINEL-6

MICHAEL FREILICH*

SENTINEL-6B*

GRACE-FD

PREFIRE

LANDSAT NEXT

LANDSAT 7, 8, 9

JPSS-3, 4*

NISTAR*

EPIC*

SWOT

SUOMI NPP*

TERRA

PARKER SOLAR PROBE

SUNRISE

THEMIS

IMAP

TIMED

HELIOSWARM

HINODE*

EUVST*

GOLD

EZIE

MUSE

MMS

IBEX

PUNCH

SDO

CRISTAL*

SENTINEL-6

MICHAEL FREILICH*

SENTINEL-6B*

GRACE-FD

PREFIRE

LANDSAT NEXT

LANDSAT 7, 8, 9

JPSS-3, 4*

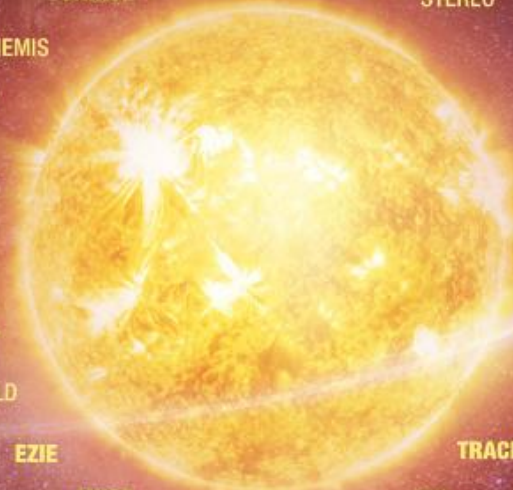
NISTAR*

EPIC*

SWOT

SUOMI NPP*

TERRA



WIND

SOLAR ORBITER*

STEREO

CARRUTHERS
GEOCORONA
OBSERVATORY

SOHO*

ACE

IRIS

TRACERS

MMX*

MRO

MARS EXPRESS*

TRACE GAS ORBITER*

CURIOSITY

MSR*

ROSALIND FRANKLIN*

PERSEVERANCE

MAVEN

MARS ODYSSEY

ESCAPADE

NEW HORIZONS

VOYAGER 1

VOYAGER 2



DRAGONFLY



JUICE*

LUCY

JUNO

EUROPA CLIPPER

EARTH ●

HELIOPHYSICS ●

PLANETARY ●

ASTROPHYSICS ●

BIOLOGICAL & PHYSICAL ●

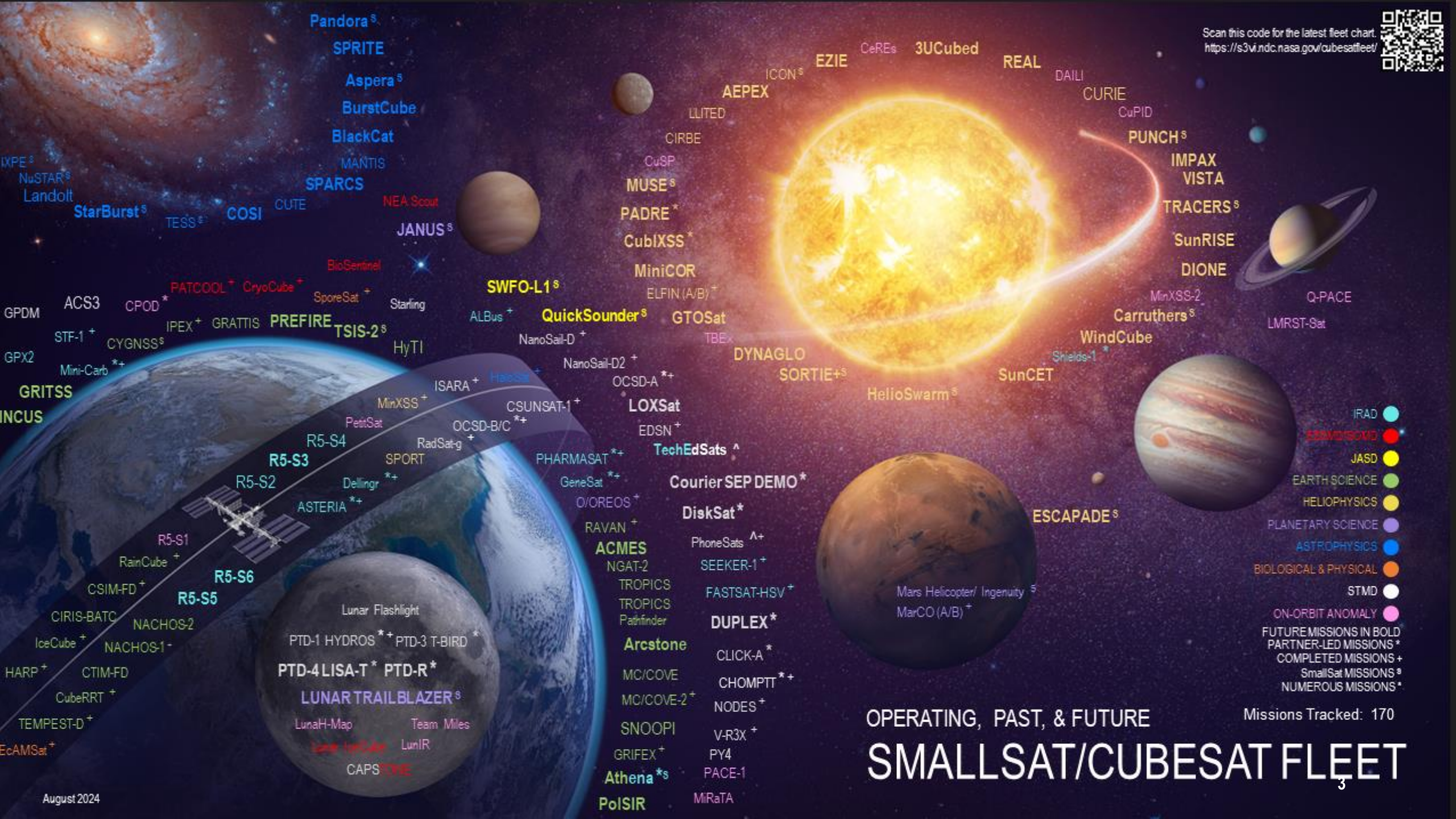
FUTURE LAUNCHES IN BOLD

*PARTNER-LED

™ COMMERCIAL PARTNERSHIP

† UNDER REVIEW

OPERATING & FUTURE SCIENCE FLEET

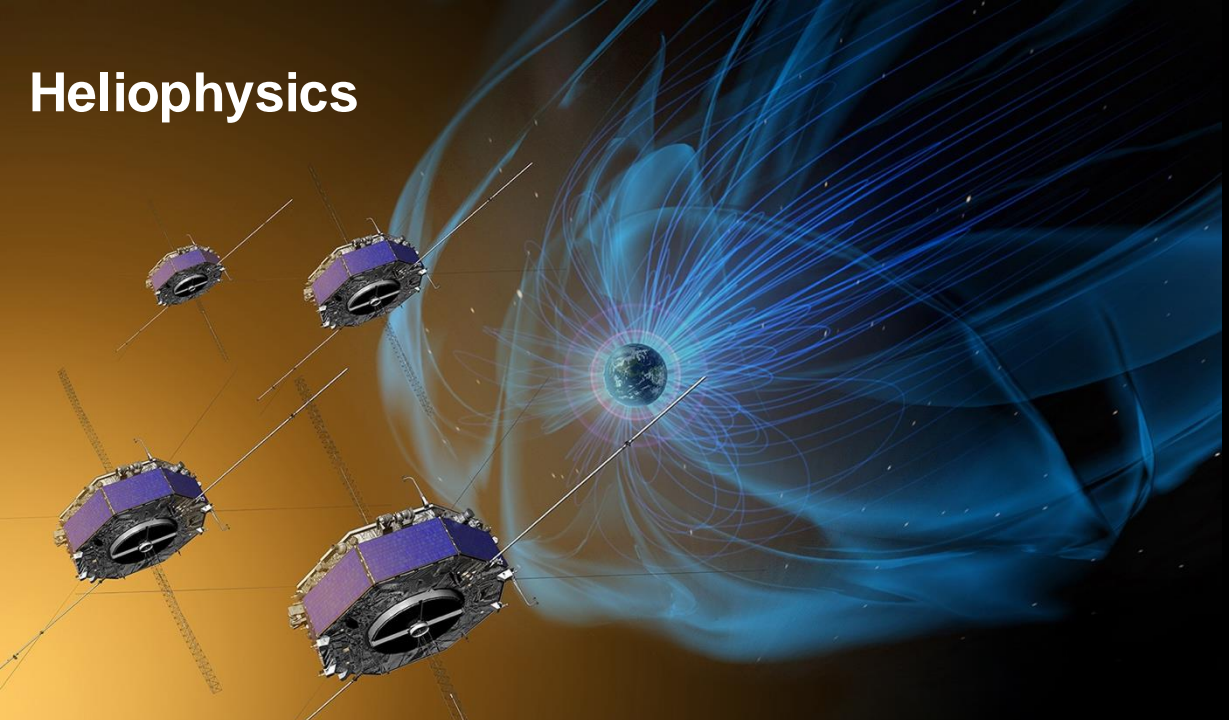


- IRAD
- ESM&ISOM
- JASD
- EARTH SCIENCE
- HELIOPHYSICS
- PLANETARY SCIENCE
- ASTROPHYSICS
- BIOLOGICAL & PHYSICAL
- STMD
- ON-ORBIT ANOMALY
- FUTURE MISSIONS IN BOLD
- PARTNER-LED MISSIONS *
- COMPLETED MISSIONS +
- SmallSat MISSIONS §
- NUMEROUS MISSIONS §

OPERATING, PAST, & FUTURE
SMALLSAT/CUBESAT FLEET

Missions Tracked: 170

Heliophysics



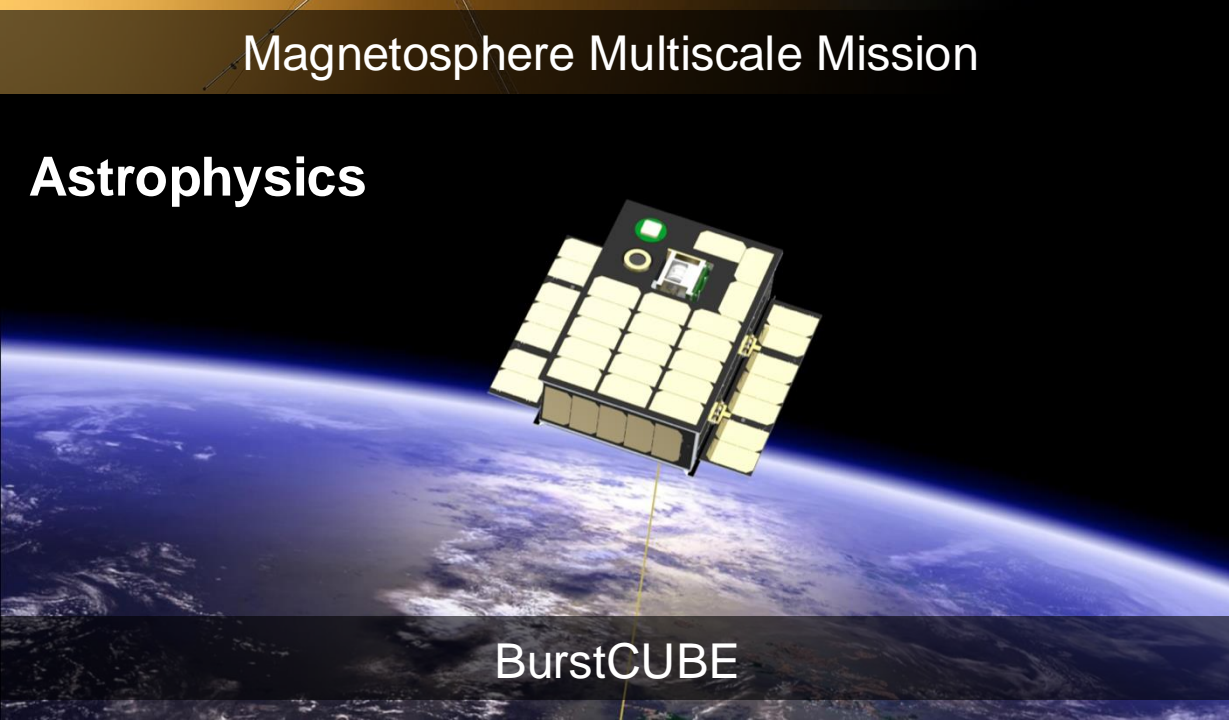
Magnetosphere Multiscale Mission

Earth Science



Polar Radiant Energy in the Far-InfraRed Experiment

Astrophysics



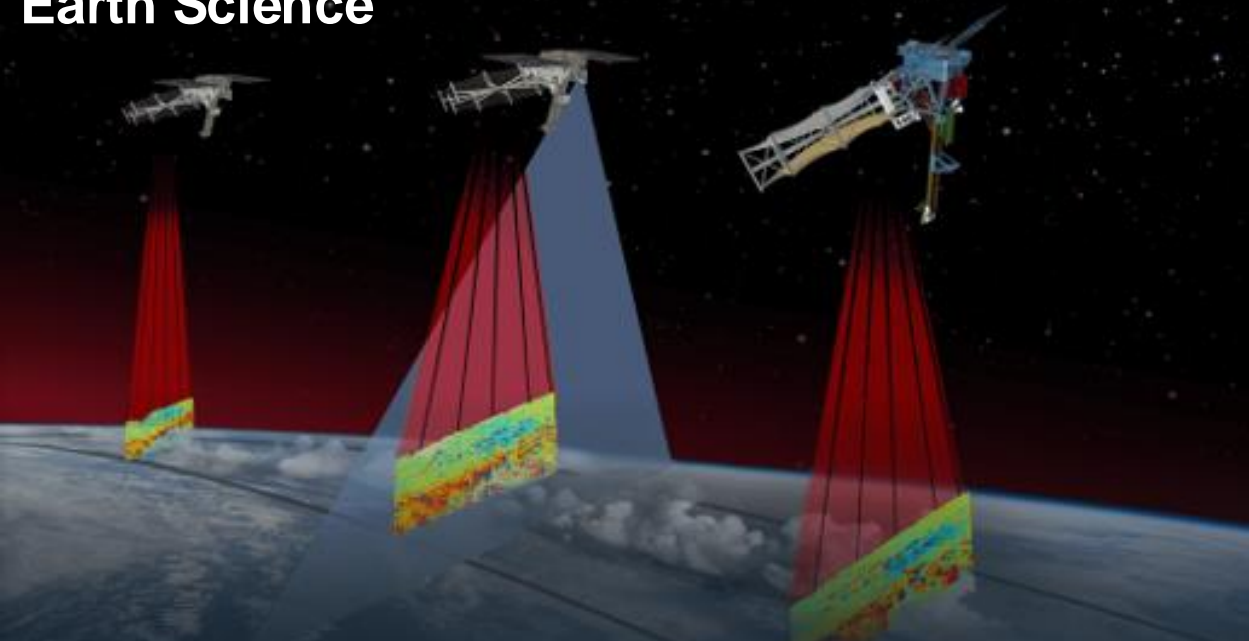
BurstCube



Heliophysics

SunRISE

Earth Science



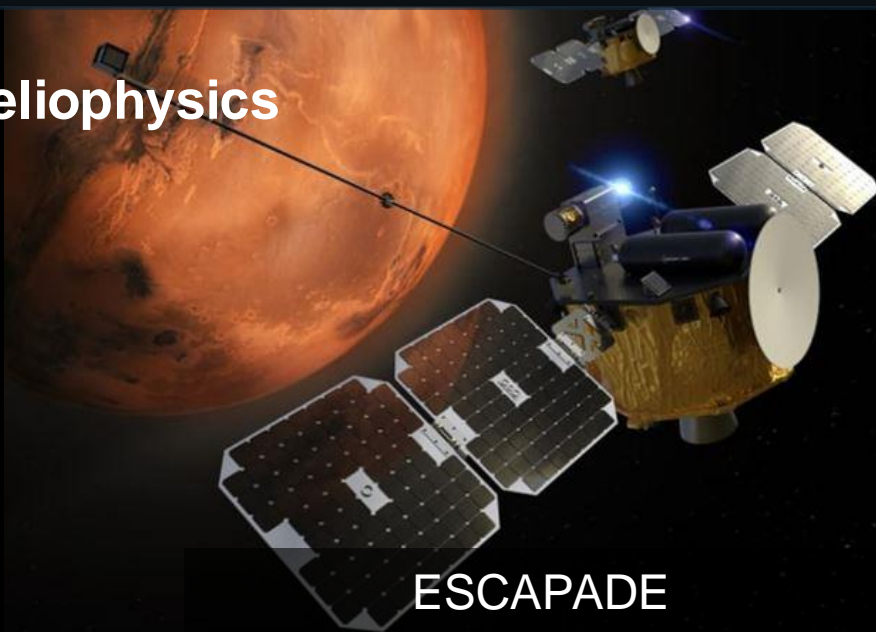
Investigation of Convective Updrafts

Planetary Science



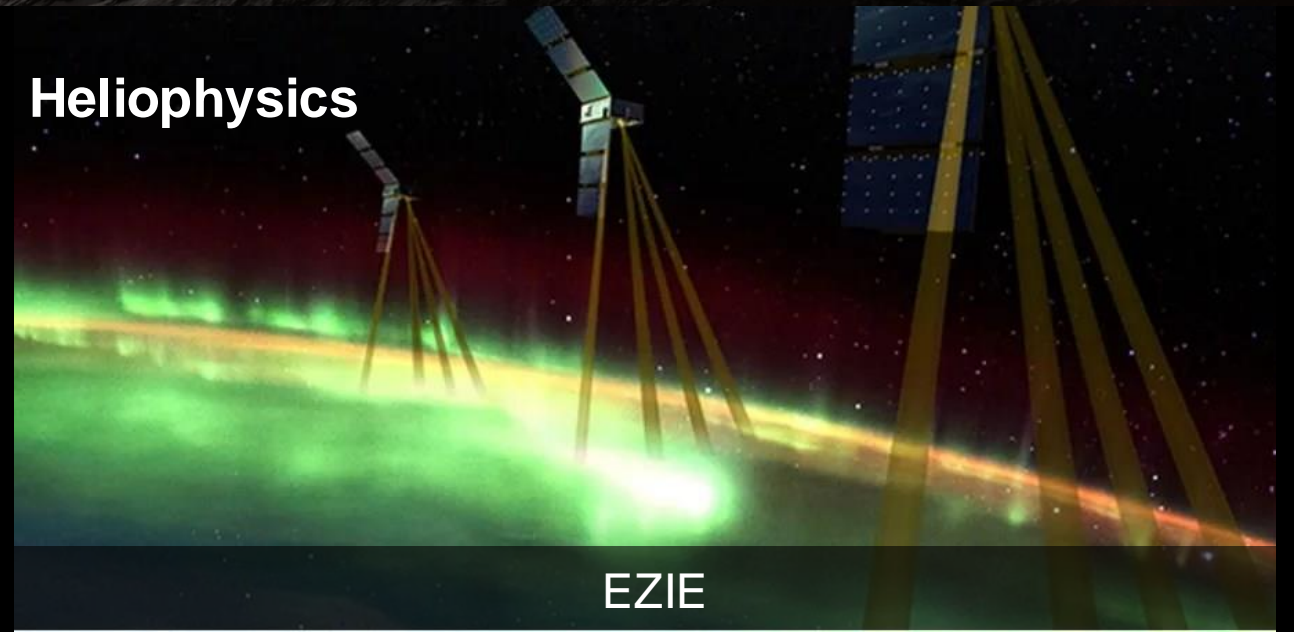
Lunar Trailblazer

Heliophysics

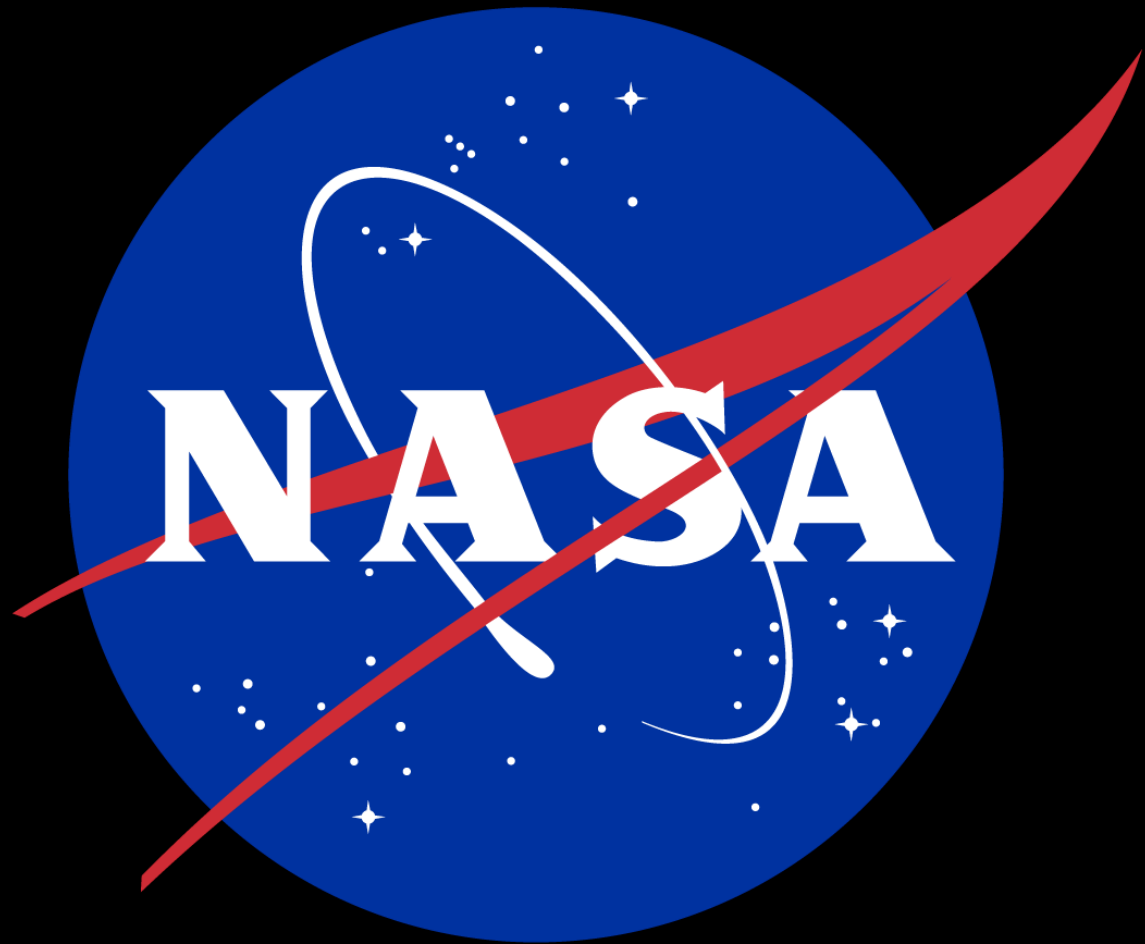


ESCAPE

Heliophysics



EZIE



The background of the entire page is a photograph of the International Space Station (ISS) in orbit above Earth. A bright green laser beam originates from the station and points down towards the planet's surface. The Earth's curvature is visible, showing blue oceans and green landmasses. The sky is a deep black with visible stars.

AWE

Atmospheric Waves Experiment aboard the International Space Station

Utah State University Events

August 28: Day on the Quad at Utah State University

USU students

Sept. 13: Science Unwrapped at Utah State University

Local community, all ages

Oct. 4: Science Unwrapped at Utah State University

Local community, all ages

Nov. 15: Science Unwrapped at Utah State University

Local community, all ages