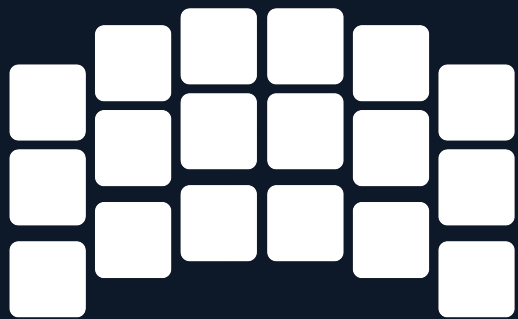




NANCY GRACE R.ÖMAN



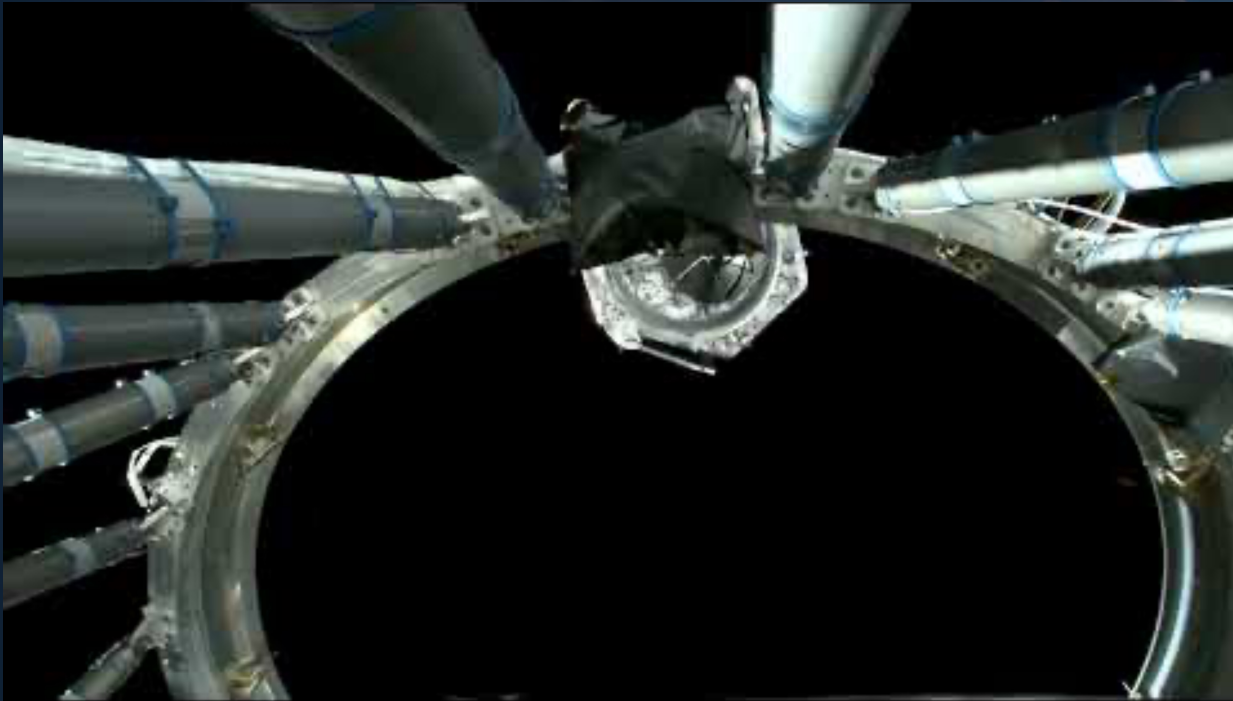
SPACE TELESCOPE

Expanding Our View



Roman On Its Way

Launch from Kennedy Space Center on August 30, 2026



Roman's Scientific Scope

The questions driving Roman



**How did the universe form
into what we see today?**



**What are dark energy and
dark matter?**

*How do they influence the
universe's evolution?*

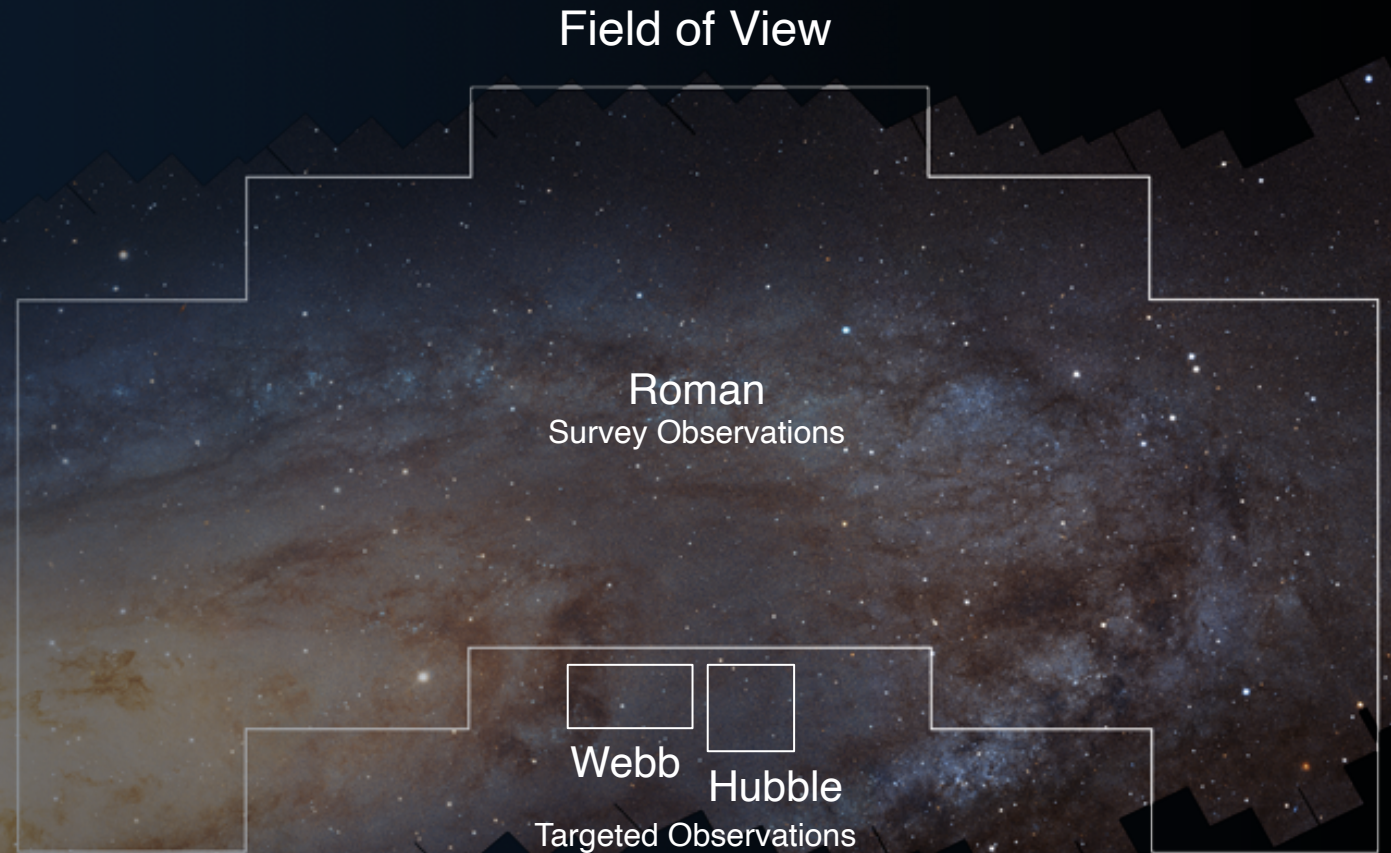
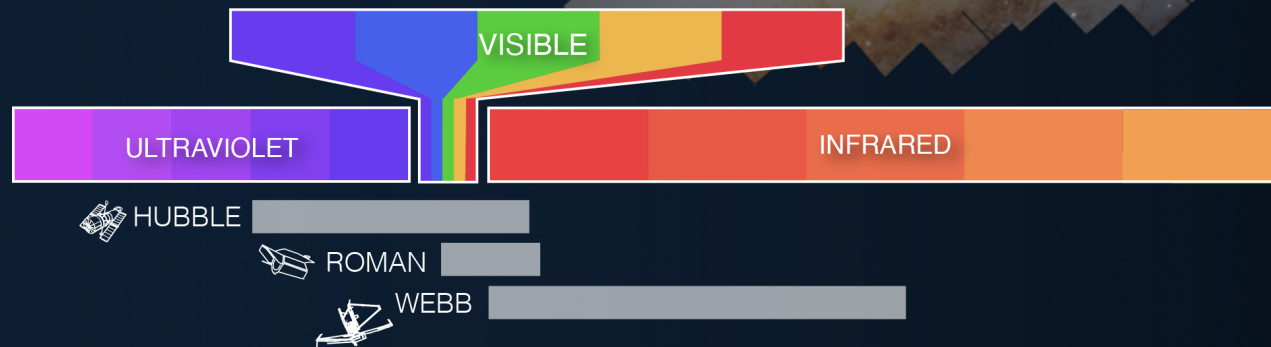


**What are planets beyond
our solar system like?**

Are we alone?

Understanding the Big, Detailed Picture

Scanning more of the sky faster at high resolution



The Roman Spacecraft

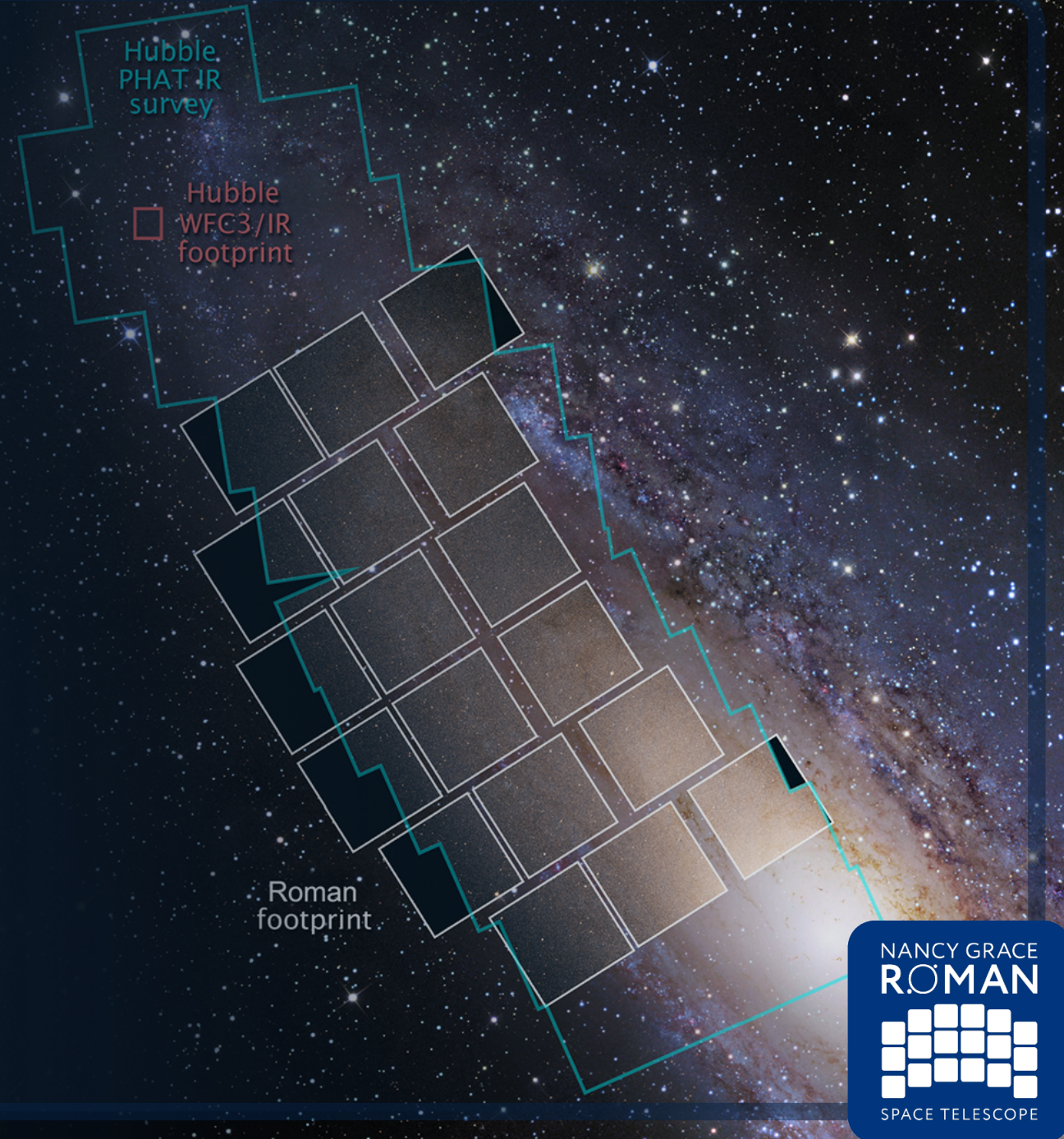
Innovative tools for success



INNOVATIVE TOOLS FOR SUCCESS

The Wide Field Instrument (WFI)

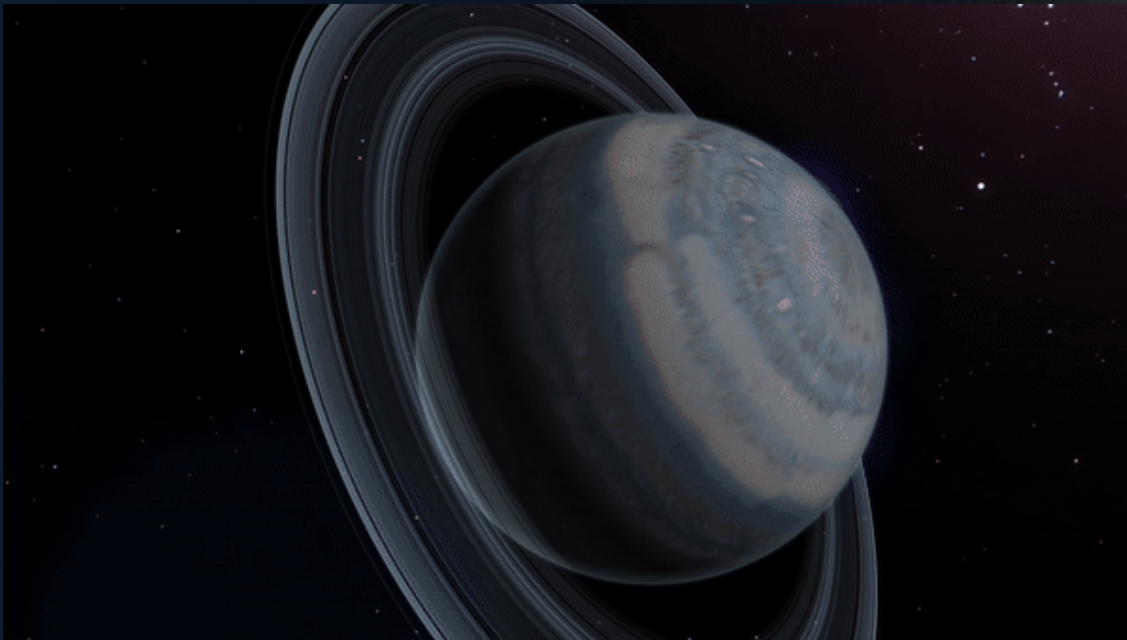
Roman's eyes to the near-infrared universe



INNOVATIVE TOOLS FOR SUCCESS

The Coronagraph

A planet-imaging tool that will help shape future space-based technology



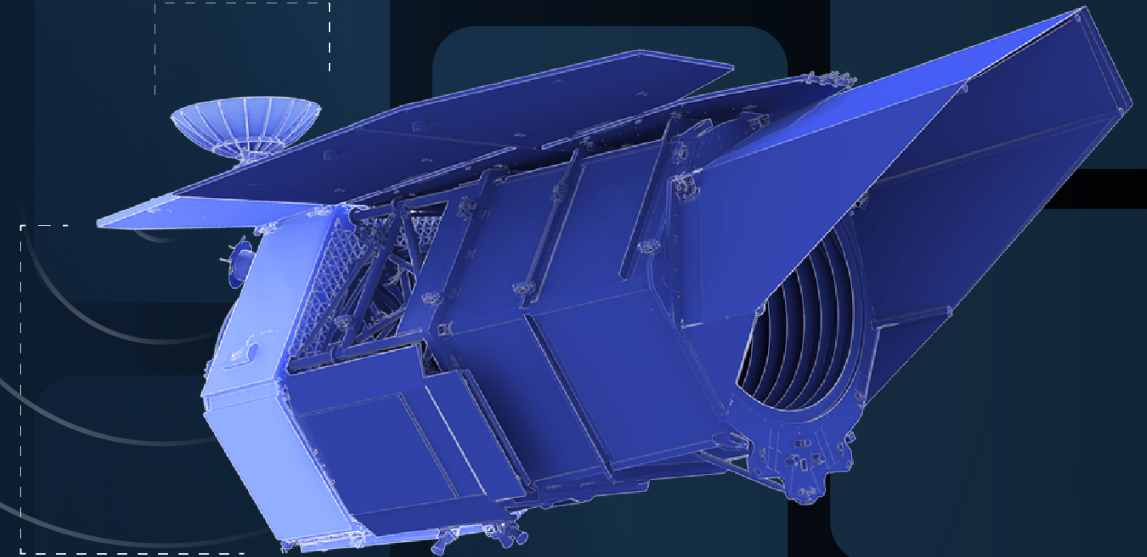
INNOVATIVE TOOLS FOR SUCCESS

High-Gain Antenna & Observatory Support Systems

The foundation that allows Roman to collect and send data to Earth

HIGH-GAIN ANTENNA

OBSERVATORY
SUPPORT SYSTEMS



Broad Scientific Surveys

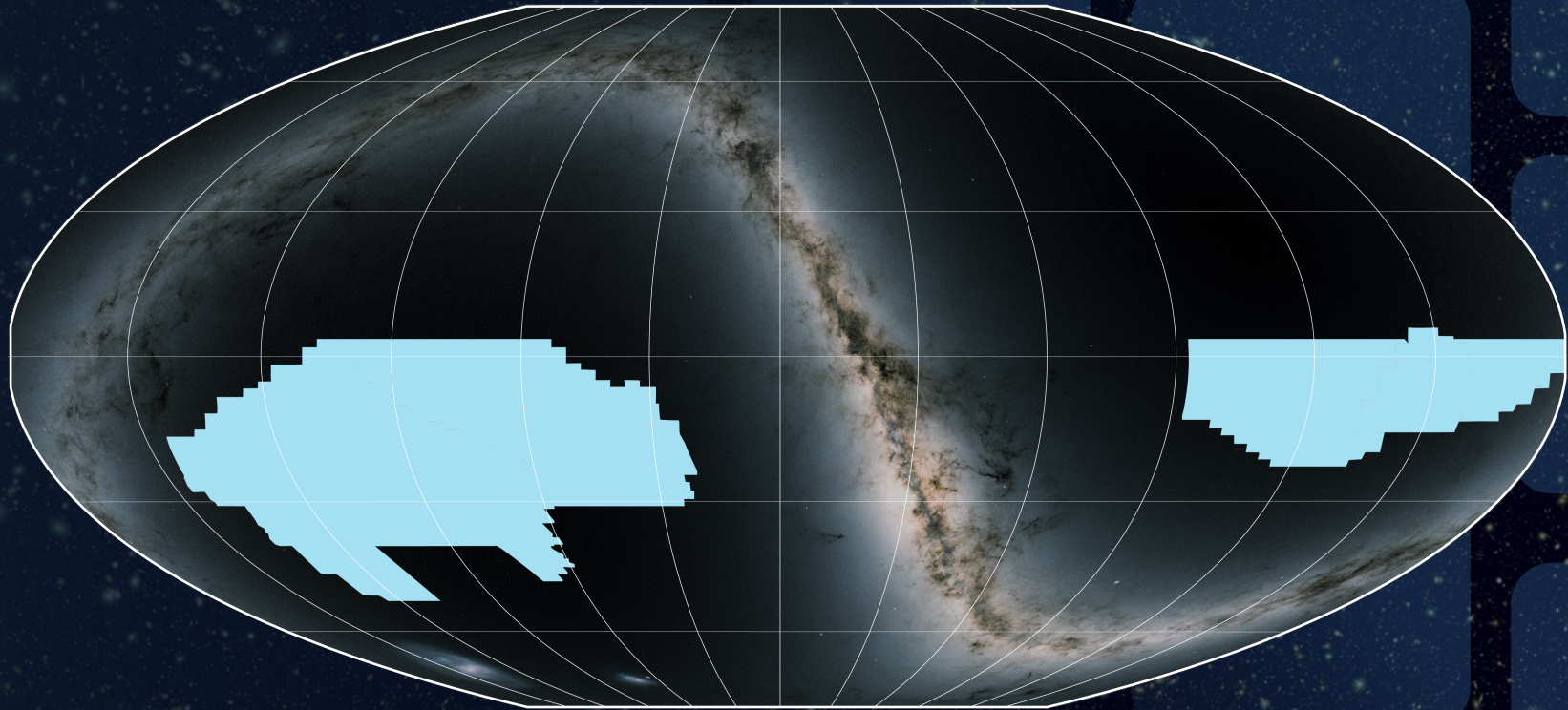
Planets by the thousands, stars by
the billions, galaxies by the millions



BROAD SCIENTIFIC SURVEYS / HIGH-LATITUDE WIDE-AREA SURVEY

High-Latitude Wide-Area Survey

Mapping the universe in 3D



BROAD SCIENTIFIC SURVEYS / HIGH-LATITUDE WIDE-AREA SURVEY

Understanding Dark Matter with Imaging

Revealing the hidden universe

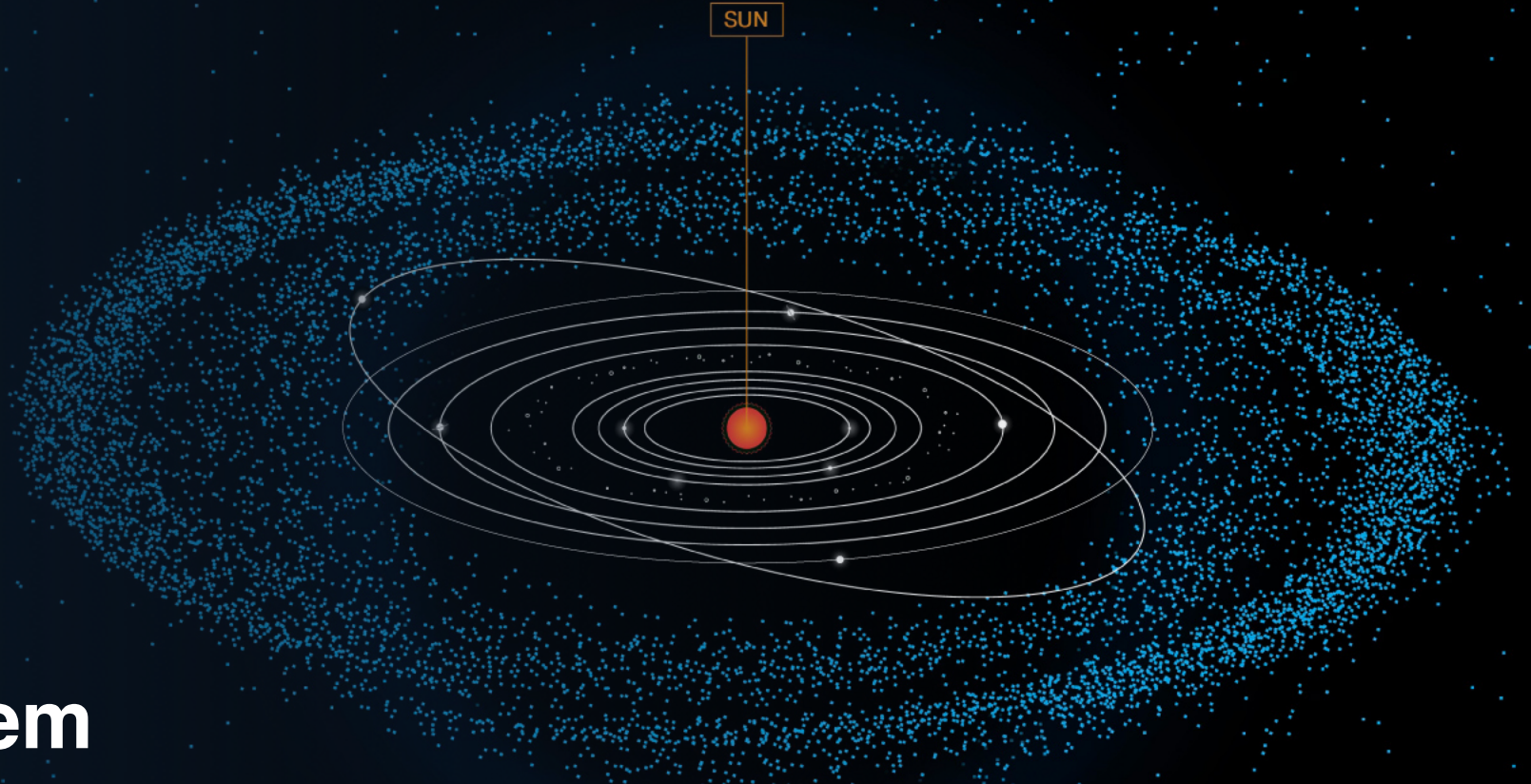
BROAD SCIENTIFIC SURVEYS / HIGH-LATITUDE WIDE-AREA SURVEY

Understanding Dark Energy with Imaging and Spectroscopy

Accelerating our knowledge
of the universe's expansion



BROAD SCIENTIFIC SURVEYS / HIGH-LATITUDE WIDE-AREA SURVEY



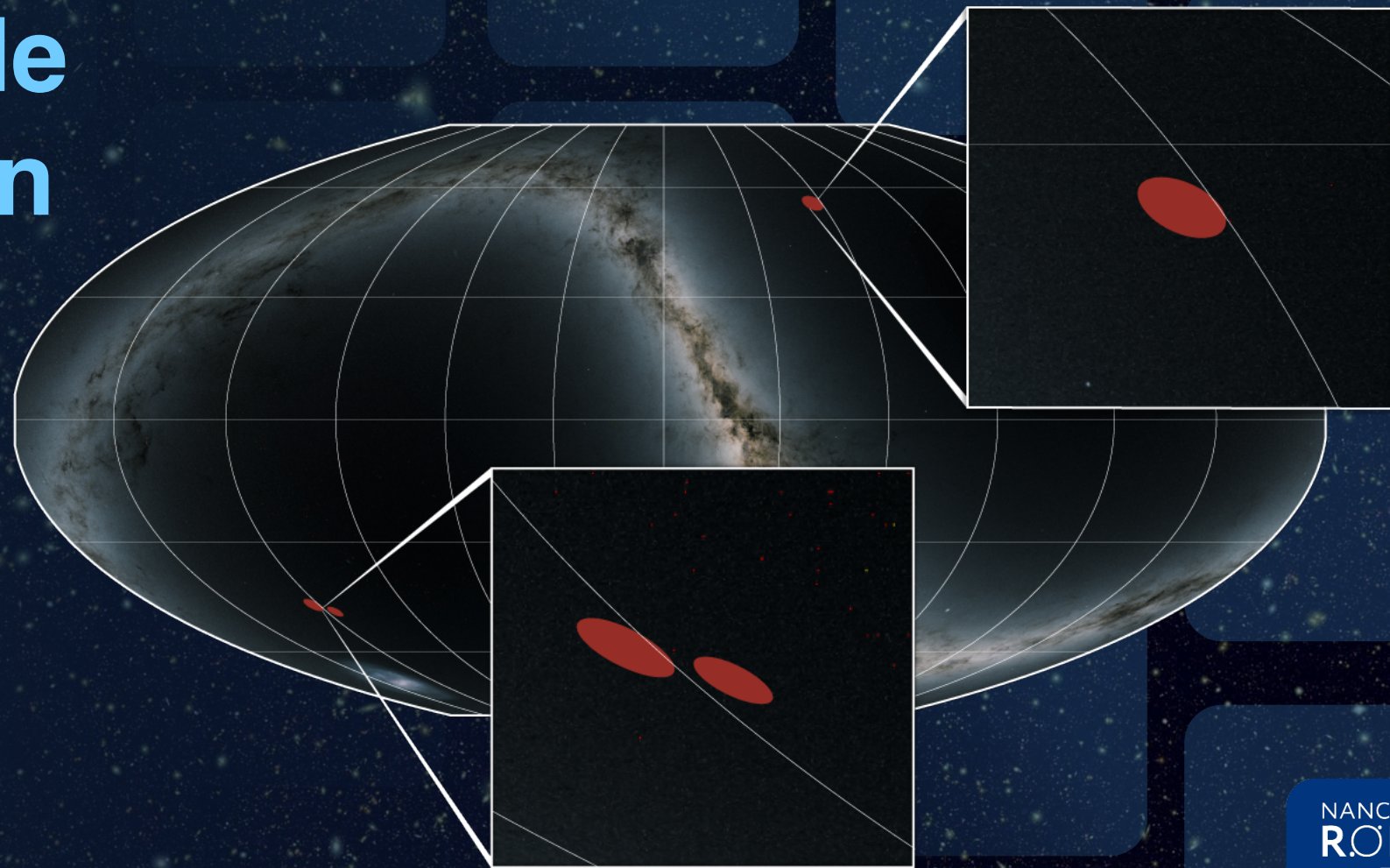
Our Solar System

Conducting science while looking through our planetary system

BROAD SCIENTIFIC SURVEYS / HIGH-LATITUDE TIME-DOMAIN SURVEY

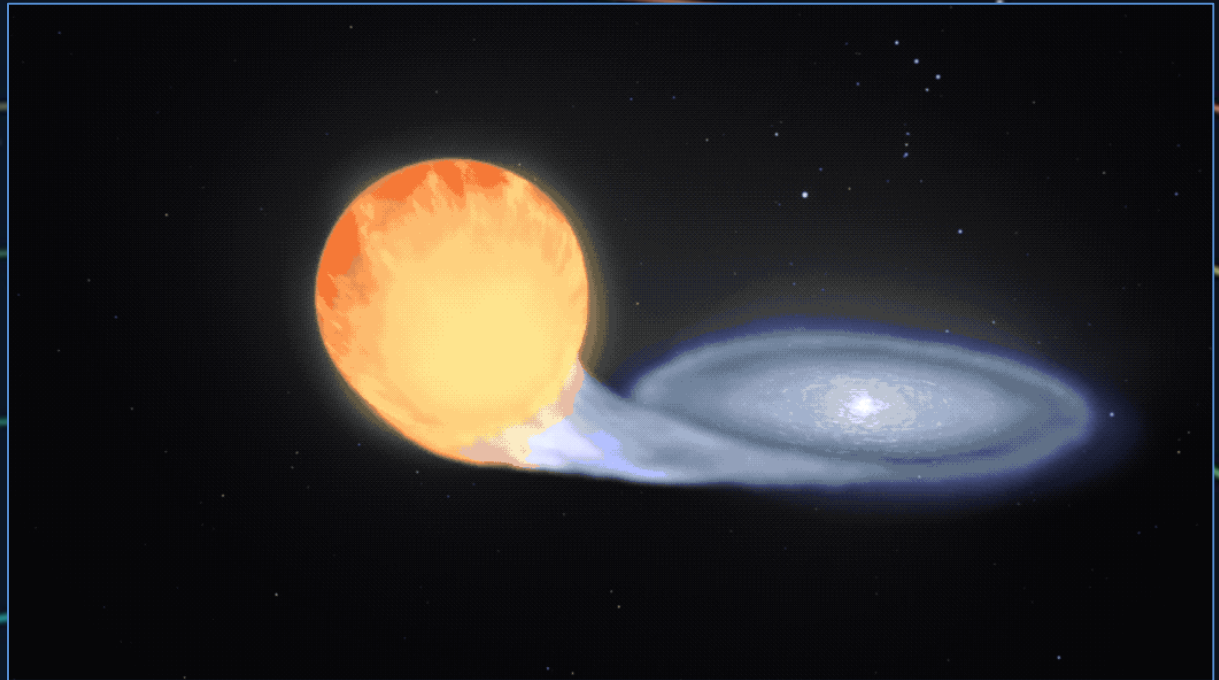
High-Latitude Time-Domain Survey

A front row seat to our
changing universe



Hunting for Exploding Stars

Tracking supernovae to understand
the universe's expansion



BROAD SCIENTIFIC SURVEYS / HIGH-LATITUDE TIME-DOMAIN SURVEY

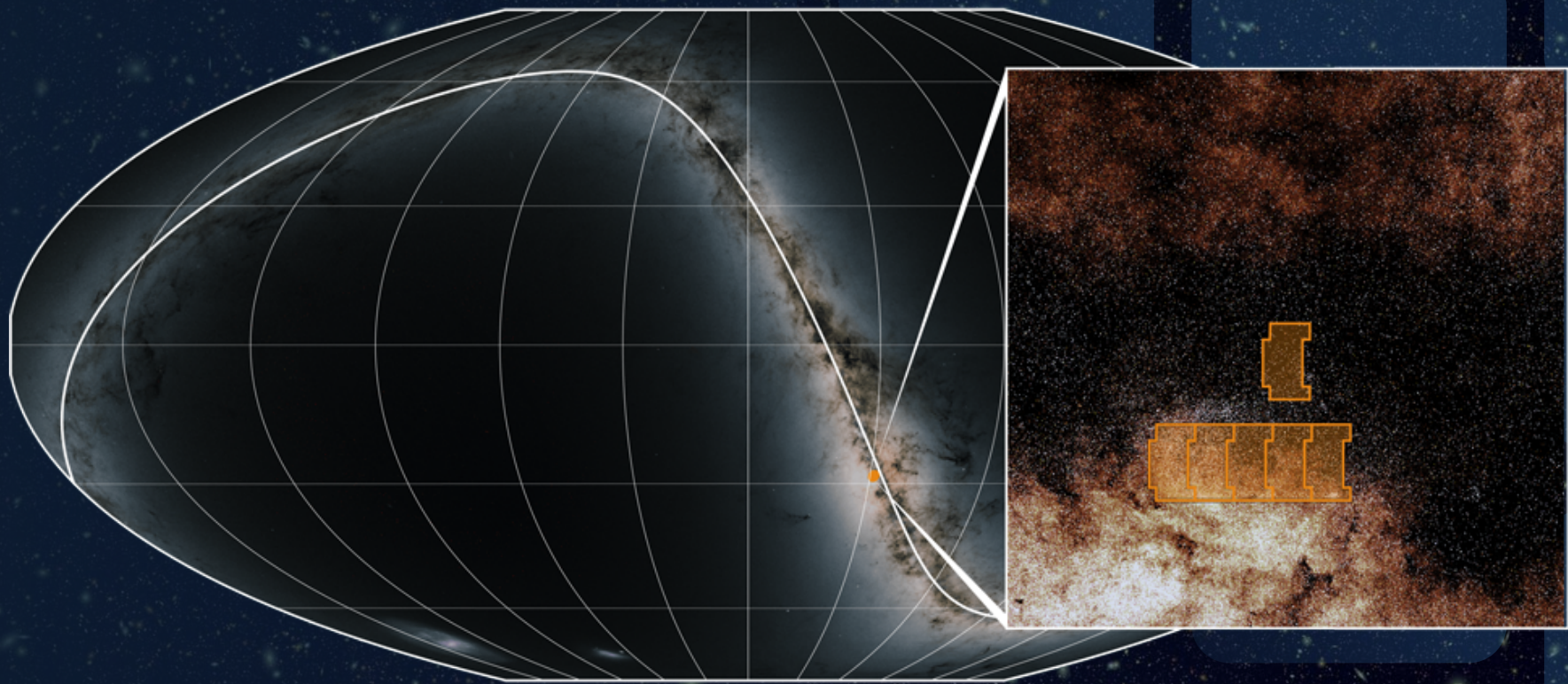
Time-Domain and Transient Events

Seeing change in real time

BROAD SCIENTIFIC SURVEYS / GALACTIC BULGE TIME-DOMAIN SURVEY

Galactic Bulge Time-Domain Survey

Finding scientific gems within our galaxy's heart



Exoplanets

Expanding the exoplanet census within our galaxy

BROAD SCIENTIFIC SURVEYS / GALACTIC BULGE TIME-DOMAIN SURVEY

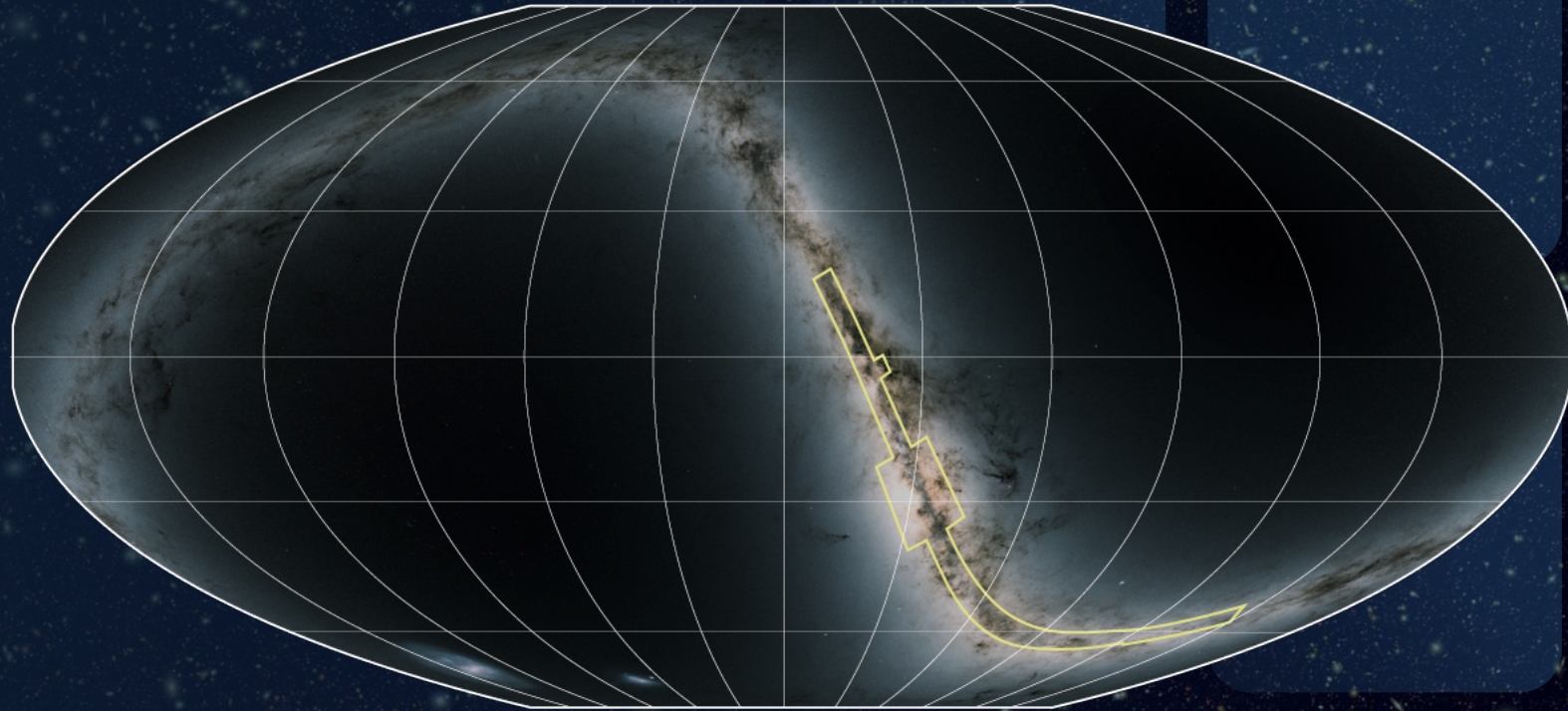
Witnessing More in Our Dynamic Galaxy

Additional discoveries in the same data

BROAD SCIENTIFIC SURVEYS / GALACTIC PLANE SURVEY

Galactic Plane Survey

Understanding our neighborhood



BROAD SCIENTIFIC SURVEYS / GALACTIC PLANE SURVEY

Our Milky Way Galaxy

Revealing our home in great detail

BIG DATA

Big Data

Information-packed views



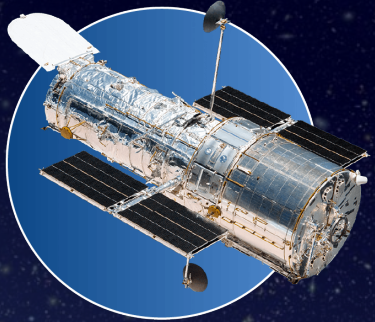
NANCY GRACE
R.OMAN



SPACE TELESCOPE

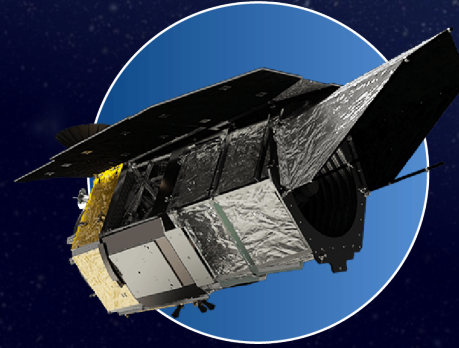
BIG DATA

Data Comparison



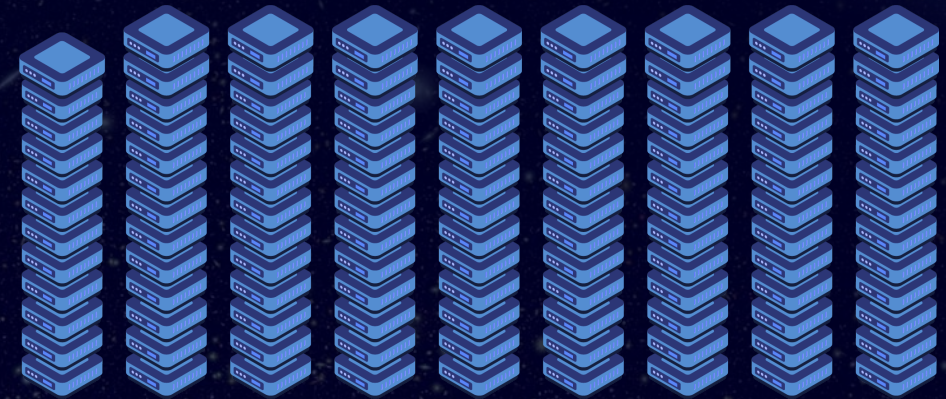
172 
TERABYTES

Hubble's Data Archive, First 30 Years
(1990-2020)



20,000
TERABYTES

Roman's Data Archive
Five-year primary mission (projected)



B I G D A T A

Roman Research Nexus

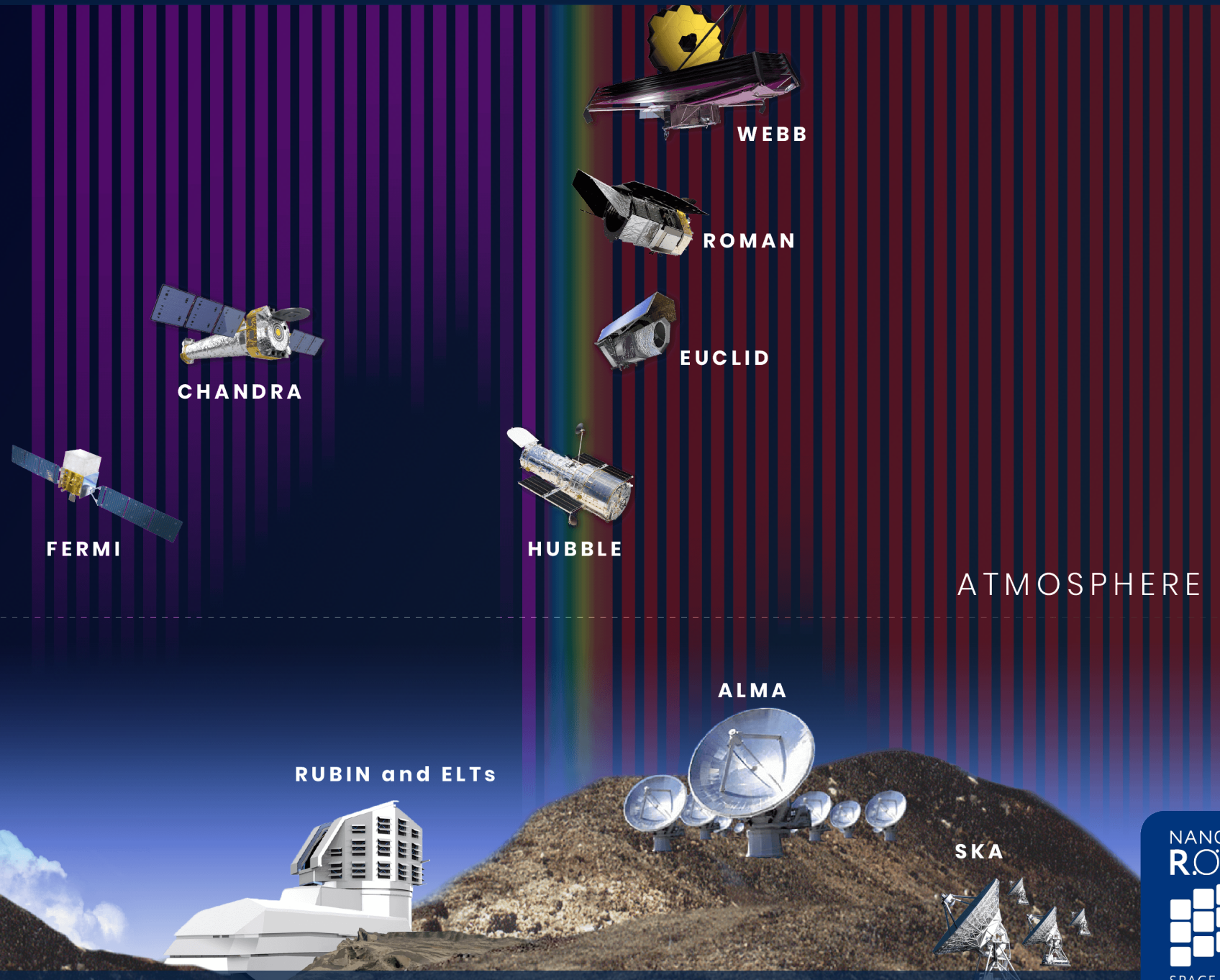
A cloud-based meeting space between
Roman data and researchers



B I G D A T A

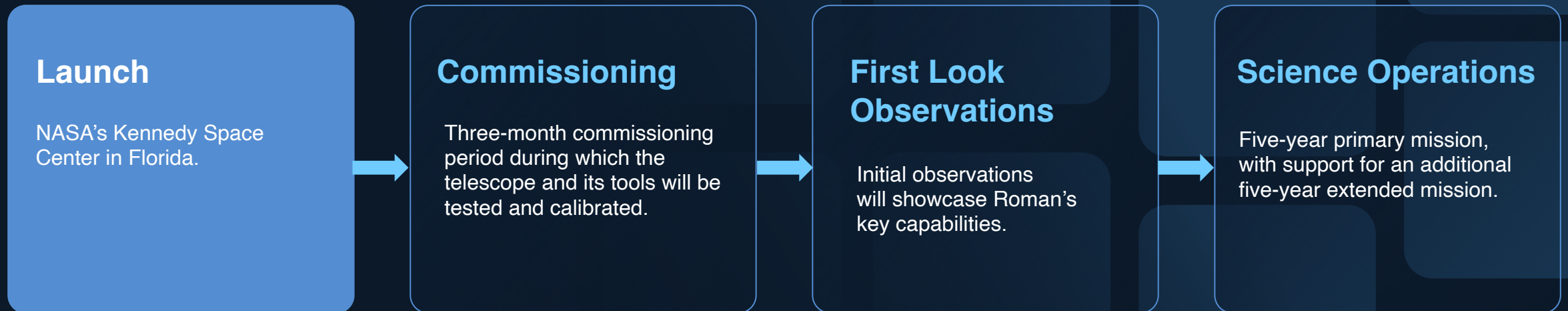
Collaboration

Part of a larger ecosystem



Looking Ahead with Roman

Roman launched on August 30, 2026



How to Get Involved

Be part of the Roman story



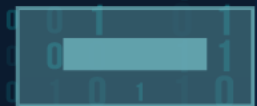
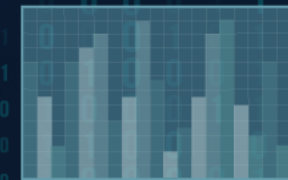
Launch Resources

Share Roman's story and science with your community



Roman Community Events

Get involved and learn about the Roman Space Telescope to host your own Roman-themed event for first images!



NANCY GRACE
ROMAN



SPACE TELESCOPE

Questions?

FAQ

F A Q

Why is it called the Nancy Grace Roman Space Telescope?

NANCY GRACE
R.OMAN

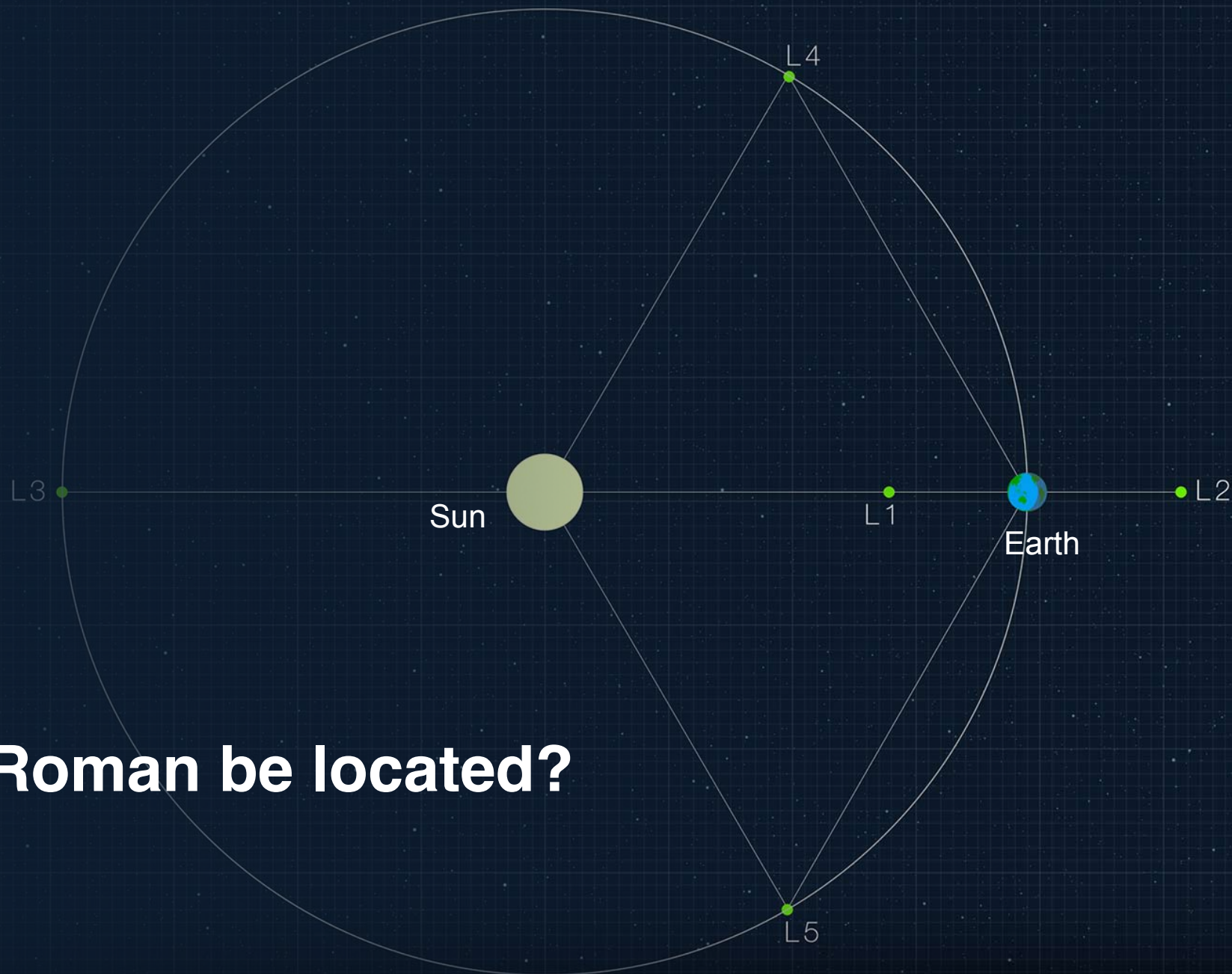


SPACE TELESCOPE

What is a survey telescope?

How is it different from Hubble and Webb?

F A Q



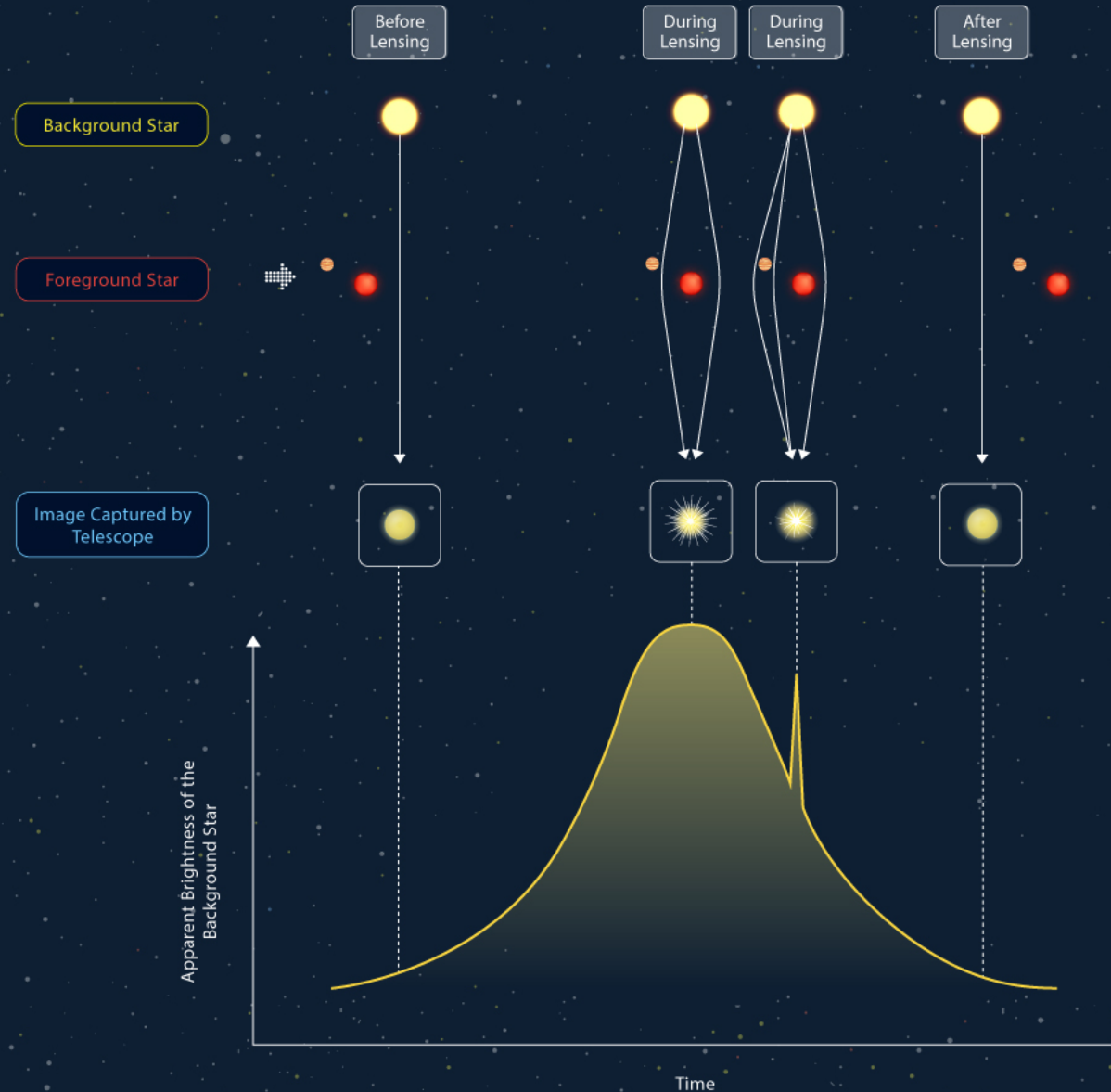
Where will Roman be located?

F A Q

What is dark energy?

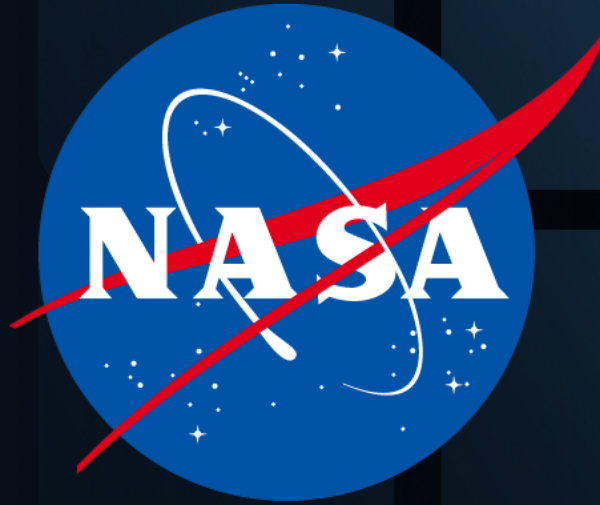
What is dark matter?

What is microlensing?



Optional Video Embed Slide





The Nancy Grace Roman Space Telescope is managed at NASA's Goddard Space Flight Center in Greenbelt, Maryland, with participation by NASA's Jet Propulsion Laboratory in Southern California; Caltech/IPAC in Pasadena, California; the Space Telescope Science Institute in Baltimore; and a science team comprising scientists from various research institutions. The primary industrial partners are BAE Systems Inc. in Boulder, Colorado; L3Harris Technologies in Rochester, New York; and Teledyne Scientific & Imaging in Thousand Oaks, California