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EXPANDING THE FRONTIERS OF SPACE ASTRONOMY

Space Telescope Users Committee (STUC) Meeting

Office of Public Outreach

November 30, 2023

Hubble News Summary

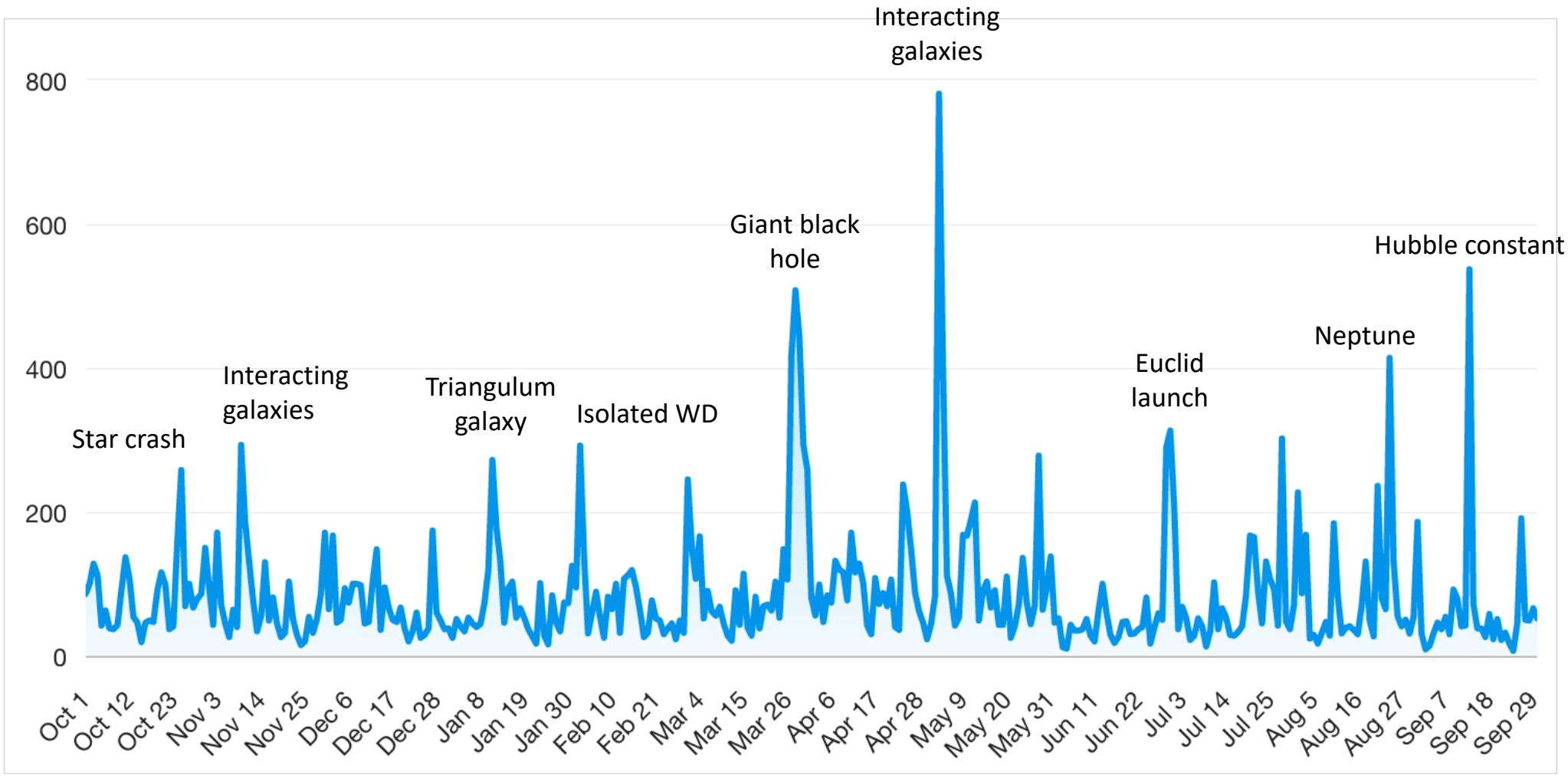
Total Hubble Science Releases from Oct. 2022 – Sept. 2023: 24

Estimated Total Reach: 33 billion

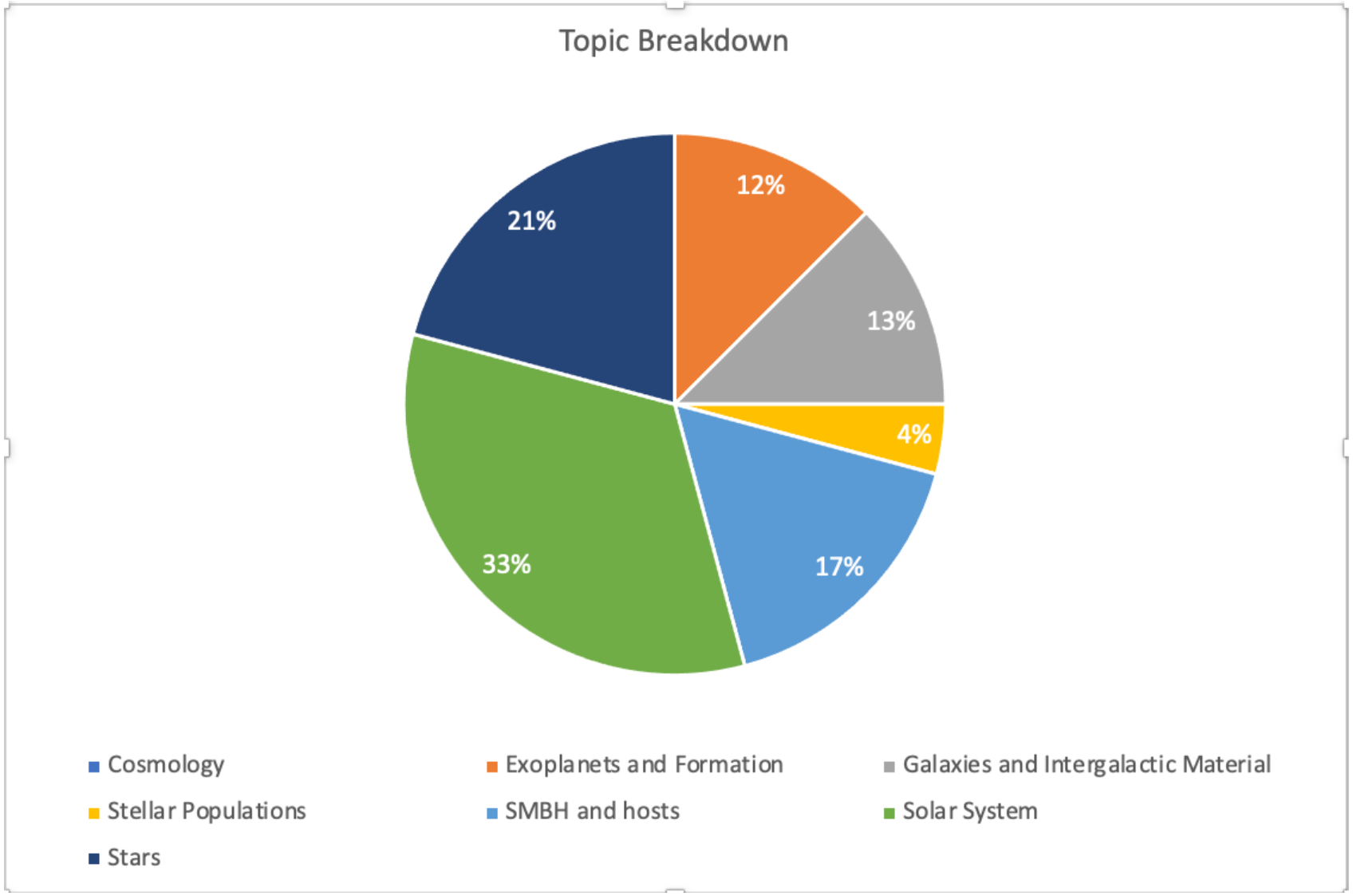
Total Articles: 7,117

Hubble News Coverage

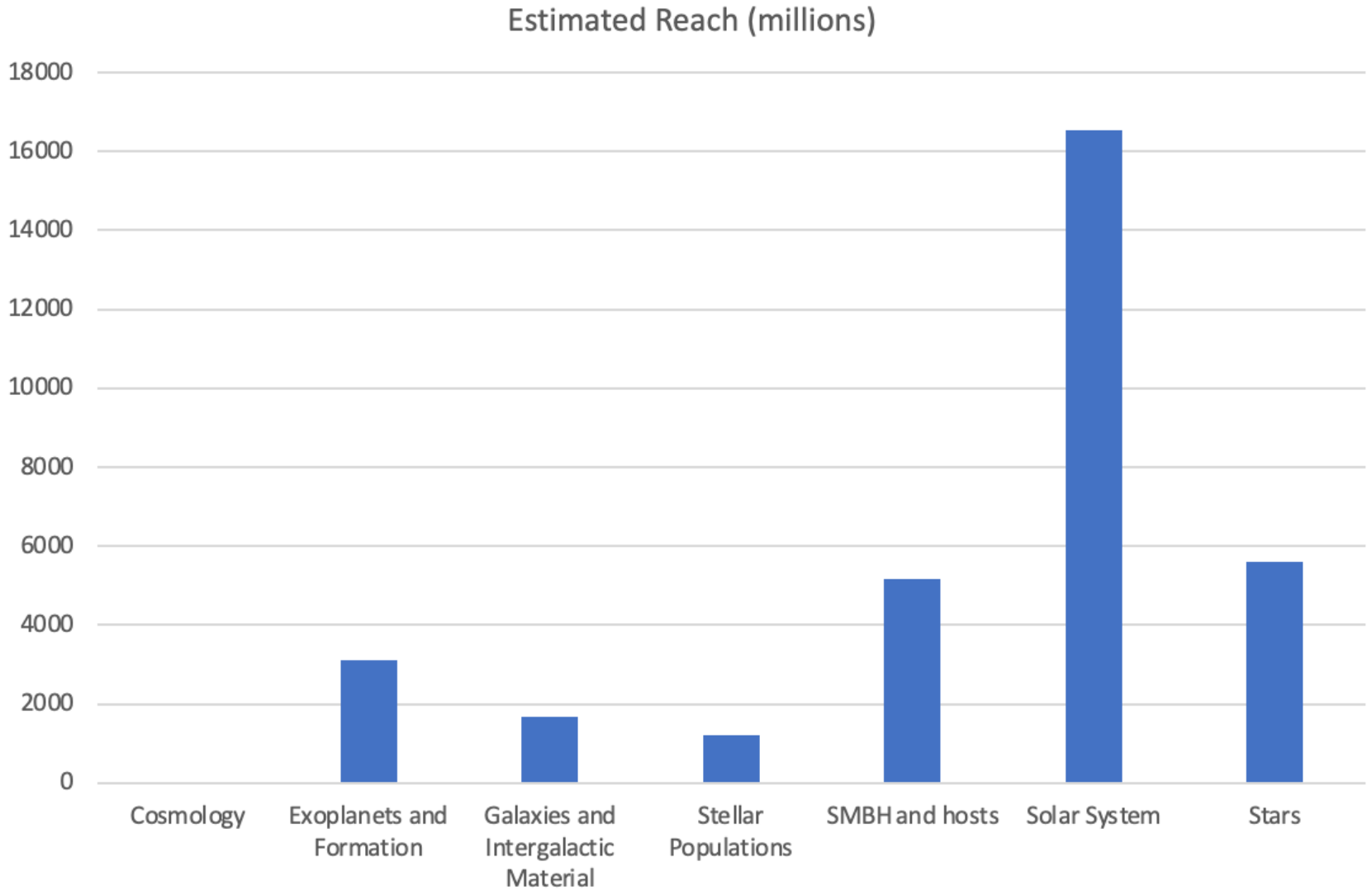
Oct. 2022 – Sept. 2023



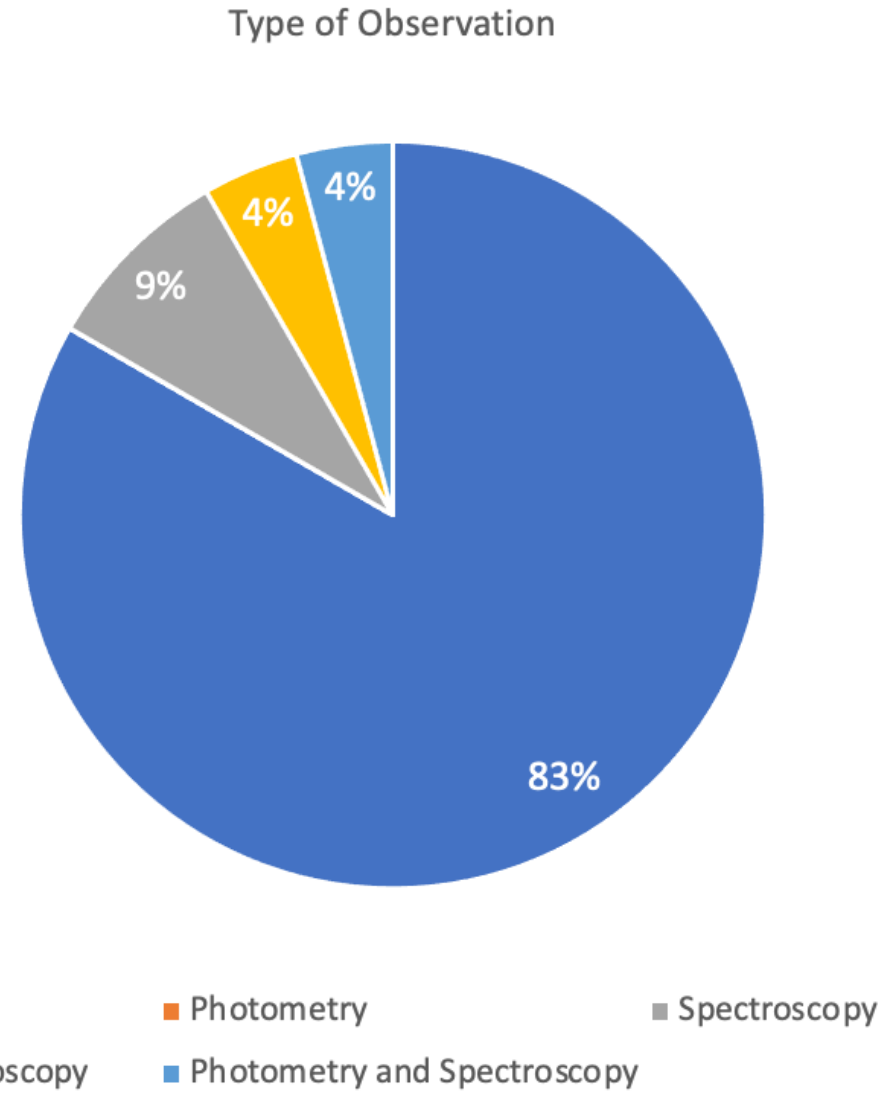
Topic Breakdown



Estimated Reach by Topic



Type of Observation Breakdown



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Visit STScI.edu News Center to submit:
https://www.stsci.edu/news/scientist-resources

Contact me: cpulliam@stsci.edu, 410-338-4366

Submit Your Newsworthy Idea

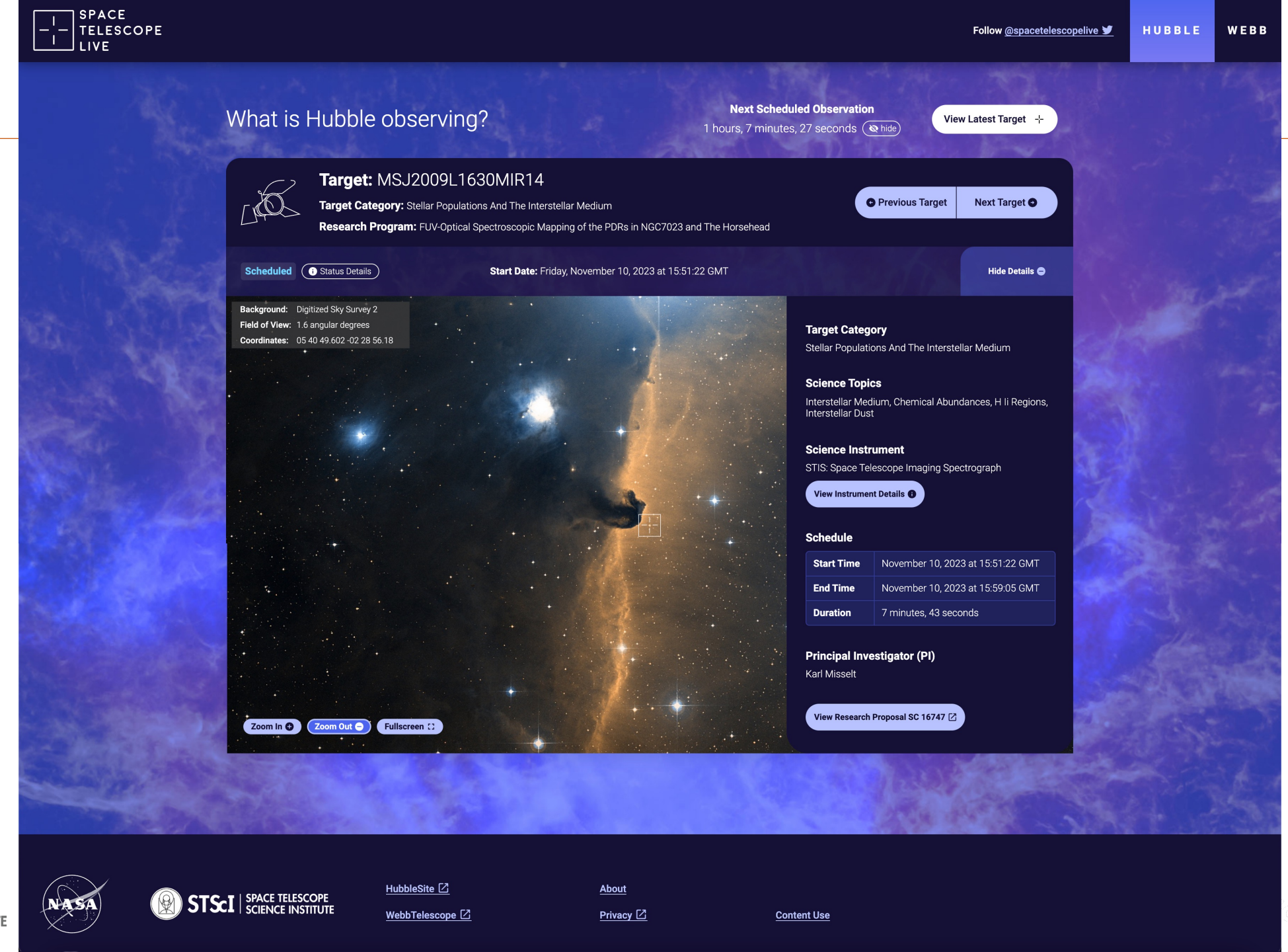
The STScI news team acts as an advocate for science teams by bringing new results to NASA's attention. If you have a result that you believe will be interesting to the public, please submit your idea using this pre-populated email or by copying the list below and emailing us: scientistnews@stsci.edu

**The asterisks denote required information.*

1. Specify a mission* (HST, JWST, and/or Other)
2. Principal Investigator's Name* (first and last)
3. Email address*
4. Subject*
5. Brief description of result*
6. Please provide a link to your paper or attach a copy of your paper to the email.
7. Journal Submission History*
8. HST or JWST Go Proposal ID(s)

Space Telescope Live

- Space Telescope Live provides up-to-date observation schedule information for the Hubble and Webb Space Telescopes.
- Observation data includes information about an observations status, scheduled or executed timeline, target location, target categories and keywords, instruments, and additional program information.
- Space Telescope Live features an interactive map, Aladin-based sky map highlighting each target location, as well as links out to addition resources including the primary science outreach websites and program information.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WEBB
What is Hubble observing?
Next Scheduled Observation
1 hours, 7 minutes, 27 seconds
hide
View Latest Target
Target: MSJ2009L1630MIR14
Target Category: Stellar Populations And The Interstellar Medium
Research Program: FUV-Optical Spectroscopic Mapping of the PDRs in NGC7023 and The Horsehead
Previous Target
Next Target
Scheduled
Status Details
Start Date: Friday, November 10, 2023 at 15:51:22 GMT
Hide Details
Background: Digitized Sky Survey 2
Field of View: 1.6 angular degrees
Coordinates: 05 40 49.602 -02 28 56.18
Zoom In
Zoom Out
Fullscreen
Target Category
Stellar Populations And The Interstellar Medium
Science Topics
Interstellar Medium, Chemical Abundances, H II Regions, Interstellar Dust
Science Instrument
STIS: Space Telescope Imaging Spectrograph
View Instrument Details
Schedule
Start Time
November 10, 2023 at 15:51:22 GMT
End Time
November 10, 2023 at 15:59:05 GMT
Duration
7 minutes, 43 seconds
Principal Investigator (PI)
Karl Misselt
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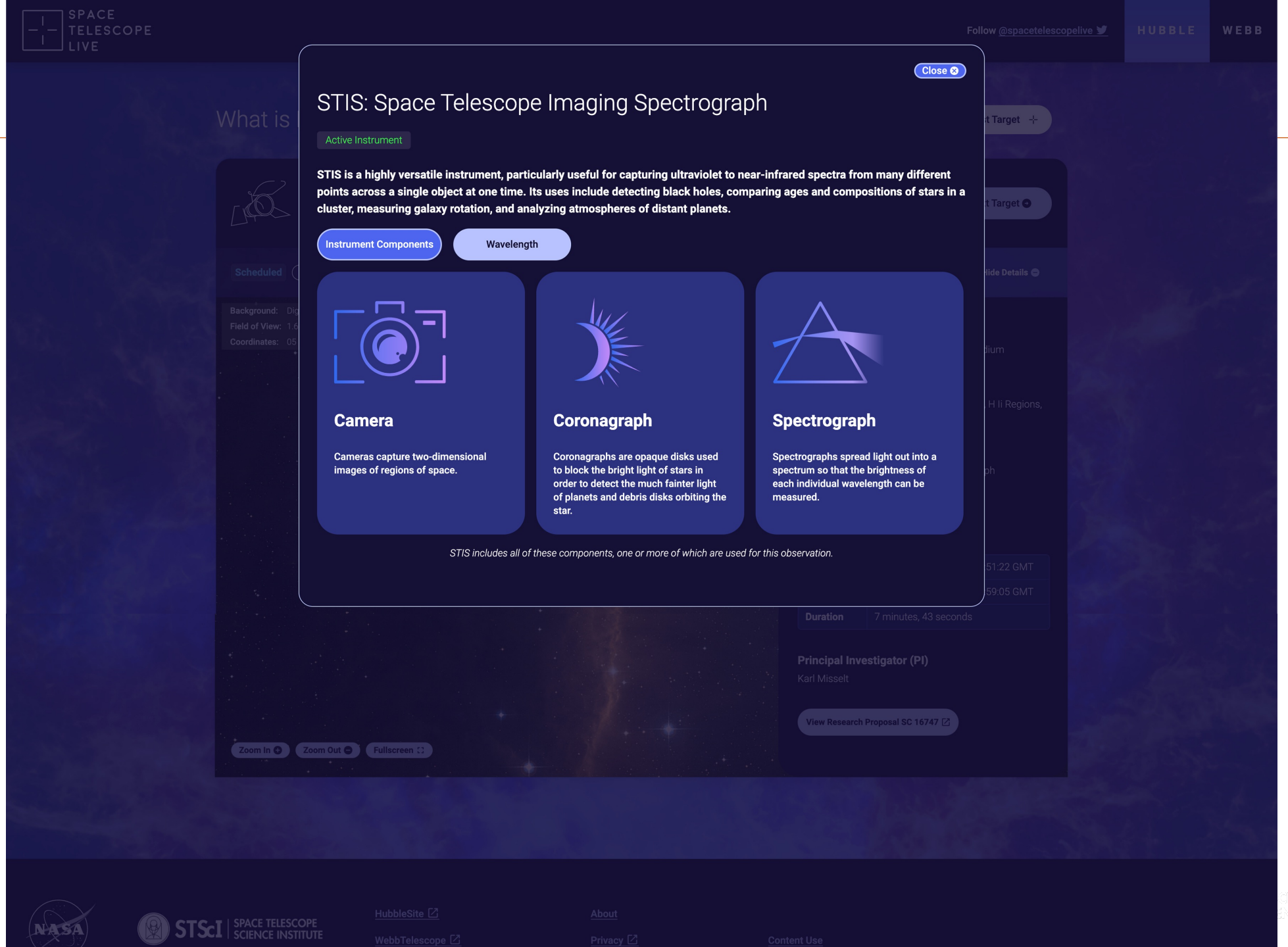
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STIS: Space Telescope Imaging Spectrograph
Active Instrument
STIS is a highly versatile instrument, particularly useful for capturing ultraviolet to near-infrared spectra from many different points across a single object at one time. Its uses include detecting black holes, comparing ages and compositions of stars in a cluster, measuring galaxy rotation, and analyzing atmospheres of distant planets.
Instrument Components
Wavelength
Camera
Cameras capture two-dimensional images of regions of space.
Coronagraph
Coronagraphs are opaque disks used to block the bright light of stars in order to detect the much fainter light of planets and debris disks orbiting the star.
Spectrograph
Spectrographs spread light out into a spectrum so that the brightness of each individual wavelength can be measured.
STIS includes all of these components, one or more of which are used for this observation.
Duration
7 minutes, 43 seconds
Principal Investigator (PI)
Karl Misselt
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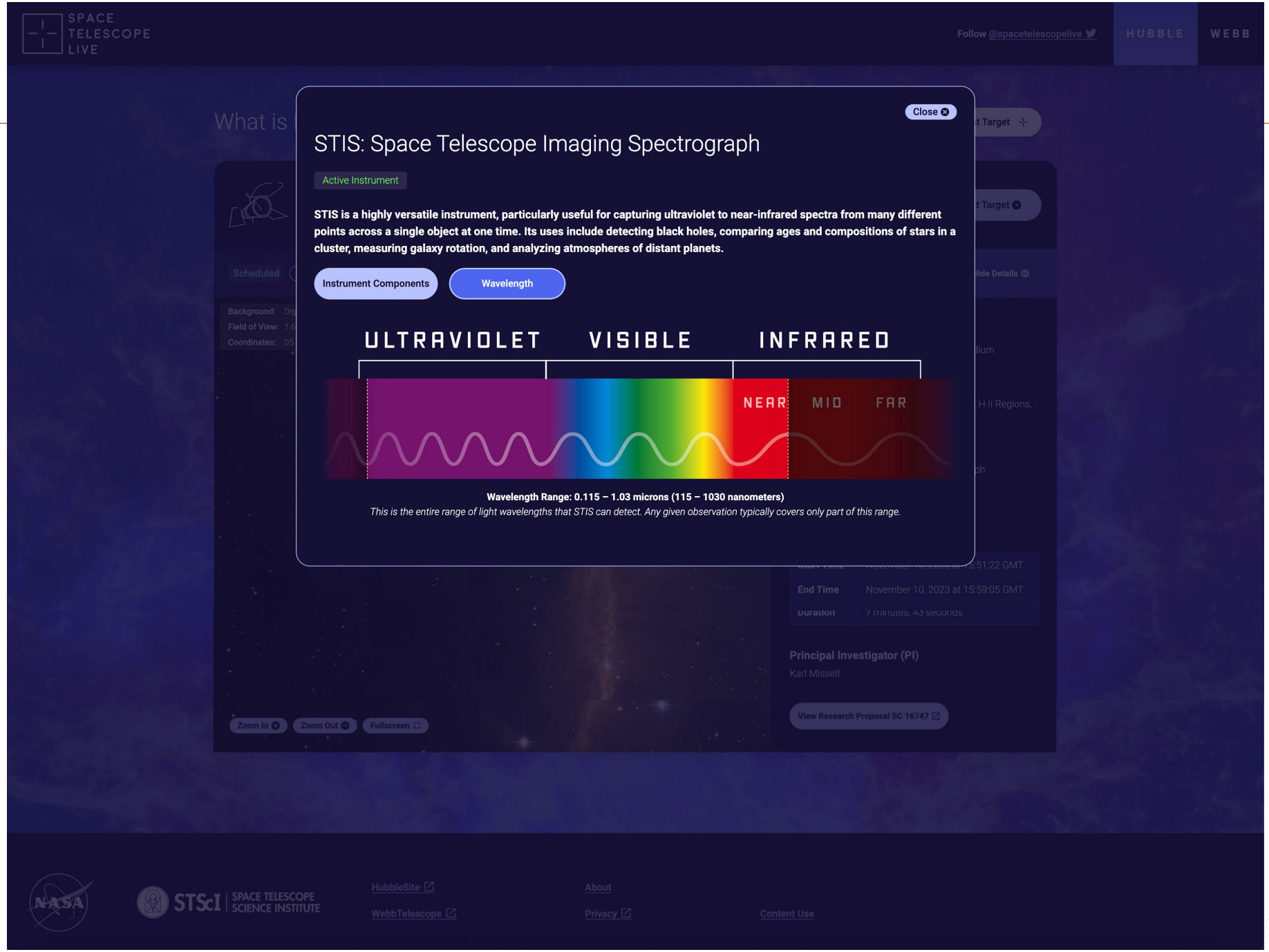
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What is
Close
STIS: Space Telescope Imaging Spectrograph
Active Instrument
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Instrument Components
Wavelength
ULTRAVIOLET
VISIBLE
INFRARED
NEAR
MID
FAR
Wavelength Range: 0.115 – 1.03 microns (115 – 1030 nanometers)
This is the entire range of light wavelengths that STIS can detect. Any given observation typically covers only part of this range.
Scheduled
Background:
Field of View:
Coordinates:
End Time
November 10, 2023 at 15:59:05 GMT
Principal Investigator (PI)
Karl Misselt
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