

PROP ID: 16590

Principal Investigator:

Julia Roman-Duval

PI Institution:

Space Telescope Science Institute

Investigators

Title:

ULLYSES Monitoring Observations of the T Tauri Star GM
Aur: Second Epoch

Cycle:

29

Allocation:

12 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16591

Principal Investigator:

Julia Roman-Duval

PI Institution:

Space Telescope Science Institute

Investigators

Title:

ULLYSES Monitoring Observations of the T Tauri Star TW
Hya: Second Epoch

Cycle:

29

Allocation:

12 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16592

Principal Investigator:

Julia Roman-Duval

PI Institution:

Space Telescope Science Institute

Investigators

Title:

ULLYSES Monitoring Observations of the T Tauri Star RU
Lup: Second Epoch

Cycle:

29

Allocation:

12 orbits
Proprietary Period:
0 months
Program Status:

Program Coordinator:
Tricia Royle
Visit Status Information
None

PROP ID: 16593
Principal Investigator:
Julia Roman-Duval
PI Institution:
Space Telescope Science Institute
Investigators

Title:
ULLYSES T Tauri Survey Star RX J0438.6+1546 in Taurus
Cycle:
29
Allocation:
5 orbits
Proprietary Period:
0 months
Program Status:

Program Coordinator:
Tricia Royle
Visit Status Information

None

PROP ID: 16594

Principal Investigator:

Julia Roman-Duval

PI Institution:

Space Telescope Science Institute

Investigators

Title:

ULLYSES T Tauri Survey Star V505 Ori in Sigma Ori

Cycle:

29

Allocation:

4 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16595

Principal Investigator:

Julia Roman-Duval

PI Institution:

Space Telescope Science Institute
Investigators

Title:

ULLYSES Mid M-type T Tauri Survey Stars in Eta Cha
Cycle:

29

Allocation:

6 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16596

Principal Investigator:

Julia Roman-Duval

PI Institution:

Space Telescope Science Institute
Investigators

Title:

ULLYSES Late K- and Mid M-Type T Tauri Survey Stars in
Cha I and Eta Cha

Cycle:

29

Allocation:

21 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16597

Principal Investigator:

Julia Roman-Duval

PI Institution:

Space Telescope Science Institute

Investigators

Title:

ULLYSES Late K- and Early M-type T Tauri Survey Stars
in Cha I

Cycle:

29

Allocation:

30 orbits
Proprietary Period:
0 months
Program Status:

Program Coordinator:
Tricia Royle
Visit Status Information
None

PROP ID: 16598
Principal Investigator:
Julia Roman-Duval
PI Institution:
Space Telescope Science Institute
Investigators

Title:
ULLYSES Mid M-type T Tauri Survey Stars in Cha I
Cycle:
29
Allocation:
16 orbits
Proprietary Period:
0 months
Program Status:

Program Coordinator:
Tricia Royle
Visit Status Information

None

PROP ID: 16599

Principal Investigator:

Julia Roman-Duval

PI Institution:

Space Telescope Science Institute

Investigators

Title:

ULLYSES T Tauri Survey Star HD 104237E in Eps Cha

Cycle:

29

Allocation:

13 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16600

Principal Investigator:

Nahum Arav

PI Institution:

Virginia Polytechnic Institute and State University
Investigators

Title:

A new paradigm for Seyfert outflows and their
connection to AGN feedback

Cycle:

29

Abstract

PROP ID: 16601

Principal Investigator:

Nahum Arav

PI Institution:

Virginia Polytechnic Institute and State University
Investigators

Title:

Measuring the contribution of quasar outflows to AGN
feedback

Cycle:

29

Abstract

PROP ID: 16602

Principal Investigator:

Kat Barger

PI Institution:

Texas Christian University

Investigators

Title:

The LMC's Galactic Wind through the Eyes of ULLYSES

Cycle:

29

Abstract

PROP ID: 16603

Principal Investigator:

Emma Beasor

PI Institution:

NOIRLab - (AZ)

Investigators

Title:

Using supernova progenitors to determine the mass threshold for black hole formation

Cycle:

29

Abstract

PROP ID: 16604

Principal Investigator:

PI Institution:

Investigators

Title:

Resolved Stellar Populations and the Multi-Wavelength Structure of Dwarf Galaxies in the Frontier Fields

Cycle:

29

Abstract

PROP ID: 16605
Principal Investigator:
Timothy Carleton
PI Institution:
Arizona State University
Investigators

Title:
HST: Hot or Cold? Improving Constraints on the Thermal
Foreground of HST
Cycle:
29
Abstract

PROP ID: 16606
Principal Investigator:
Cody Carr
PI Institution:
University of Minnesota - Twin Cities
Investigators

Title:
Modeling the Mg II-Lyman Alpha Relation as a
Calibrator of the Lyman Continuum Escape Fraction
Cycle:
29
Abstract

PROP ID: 16607

Principal Investigator:

Jane Charlton

PI Institution:

The Pennsylvania State University

Investigators

Title:

Is There a Relationship Between the Metallicity of the
Circumgalactic Medium and the Galaxy Orientation?

Cycle:

29

Abstract

PROP ID: 16608

Principal Investigator:

Eugene Chiang

PI Institution:

University of California - Berkeley

Investigators

Title:

Dwarf Planet Destruction in Debris Disks

Cycle:

29

Abstract

PROP ID: 16609

Principal Investigator:

Nikko Cleri

PI Institution:

University of Connecticut

Investigators

Title:

Peering Through The Dust: Paschen-beta Indicators of
Star Formation and Dust Attenuation

Cycle:

29

Abstract

PROP ID: 16610
Principal Investigator:
Aaron Dotter
PI Institution:
Dartmouth College
Investigators

Title:
Stellar Evolution Models for Multiple Stellar
Populations in Globular Clusters
Cycle:
29
Abstract

PROP ID: 16611
Principal Investigator:
Meredith Durbin
PI Institution:
University of Washington
Investigators

Title:
Modeling Spatiotemporal Systematics in Multiwavelength
Stellar Photometry Catalogs
Cycle:
29
Abstract

PROP ID: 16612

Principal Investigator:

Samuel Factor

PI Institution:

University of Texas at Austin

Investigators

Title:

Discovery of Young Planetary Systems with Kernel-Phase Interferometry

Cycle:

29

Abstract

PROP ID: 16613

Principal Investigator:

Andrew Fullard

PI Institution:

Michigan State University

Investigators

Title:

Solving the Type Ia supernova progenitor mystery with
late-time light curve modeling of HST photometry

Cycle:

29

Abstract

PROP ID: 16614

Principal Investigator:

Oleg Gnedin

PI Institution:

University of Michigan

Investigators

Title:

Measuring sizes of young star clusters in nearby
galaxies

Cycle:

29

Abstract

PROP ID: 16615

Principal Investigator:

Shoubaneh Hemmati

PI Institution:

California Institute of Technology

Investigators

Title:

Generating HST-like Galaxy Images with Deep Neural Networks

Cycle:

29

Abstract

PROP ID: 16616

Principal Investigator:

Jay Howk

PI Institution:

University of Notre Dame

Investigators

Title:

Interstellar tomography of highly ionized gas in the Milky Way thick disk with ULLYSES

Cycle:

29

Abstract

PROP ID: 16617
Principal Investigator:
James Jackman
PI Institution:
Arizona State University
Investigators

Title:
Probing The Evolution Of White-Light And FUV Flares
From Low-Mass Stars With HST And TESS
Cycle:
29
Abstract

PROP ID: 16618
Principal Investigator:
David Jewitt
PI Institution:
University of California - Los Angeles

Investigators

Title:

Active Asteroid 331P/Gibbs (P/2012 F5)

Cycle:

29

Abstract

PROP ID: 16619

Principal Investigator:

Eric Jimenez-Andrade

PI Institution:

Associated Universities, Inc.

Investigators

Title:

Linking star formation and black hole accretion to galaxy structural properties with the HST and VLA

Cycle:

29

Abstract

PROP ID: 16620

Principal Investigator:

Oleg Kargaltsev

PI Institution:

George Washington University

Investigators

Title:

Galactic Archeology: Mining Globular Clusters for
Massive Star Remains with Machine Learning

Cycle:

29

Abstract

PROP ID: 16621

Principal Investigator:

PI Institution:

Investigators

Title:

SUPERCAL: Unified Reprocessing of the Large HST
Cosmology Survey Fields - New Science, Archival
Legacy, and Pathfinder for JWST

Cycle:
29
Abstract

PROP ID: 16622
Principal Investigator:
Marie Wingyee Lau
PI Institution:
University of California - Riverside
Investigators

Title:
Probing Feeding and Feedback in the Circumgalactic
Medium of Quasars via Direct Detection of Inflows
Cycle:
29
Abstract

PROP ID: 16623
Principal Investigator:

PI Institution:

Investigators

Title:

Feasting on the Riches of Odysseus' Voyage

Cycle:

29

Abstract

PROP ID: 16624

Principal Investigator:

PI Institution:

Investigators

Title:

Simulating clustered star formation in a cosmological
galactic context

Cycle:

29

Abstract

PROP ID: 16625

Principal Investigator:

Kevin McKinnon

PI Institution:

University of California - Santa Cruz

Investigators

Title:

Combining HST and Gaia to Measure Proper Motions of
Distant Halo Stars: Resolving Kinematic Inhomogeneity
in the Milky Way

Cycle:

29

Abstract

PROP ID: 16626

Principal Investigator:

Desika Narayanan

PI Institution:

University of Florida

Investigators

Title:

SED Fitting in the Modern Era: Fast and Accurate
Machine-Learning Assisted Software

Cycle:

29

Abstract

PROP ID: 16627

Principal Investigator:

Kayla Owens

PI Institution:

University of Chicago

Investigators

Title:

Understanding Systematic Errors in the Cepheid
Distance Scale

Cycle:

29

Abstract

PROP ID: 16628

Principal Investigator:

Ekta Patel

PI Institution:

University of California - Berkeley

Investigators

Title:

Establishing a New Framework for Quantifying Quenching
in Low-Mass Satellite Galaxies using Gaia and HST

Cycle:

29

Abstract

PROP ID: 16629

Principal Investigator:

Imants Platais

PI Institution:

The Johns Hopkins University

Investigators

Title:

Probing for astrometric accelerations in the globular
cluster NGC 5139

Cycle:

29

Abstract

PROP ID: 16630
Principal Investigator:
Ian Roederer
PI Institution:
University of Michigan
Investigators

Title:
A New Empirical Test of Magnesium, Silicon, and
Calcium NLTE Calculations Using UV Spectroscopy of
Metal-Poor Stars
Cycle:
29
Abstract

PROP ID: 16631
Principal Investigator:
David Rubin
PI Institution:
University of Hawaii
Investigators

Title:

A Blinded Photometric Reanalysis of the Cepheid
Observations

Cycle:

29

Abstract

PROP ID: 16632

Principal Investigator:

PI Institution:

Investigators

Title:

The Local Group legacy database of HST photometry

Cycle:

29

Abstract

PROP ID: 16633
Principal Investigator:
Evan Schneider
PI Institution:
University of Pittsburgh
Investigators

Title:
Unlocking the Potential of Galactic Outflow
Observations
Cycle:
29
Abstract

PROP ID: 16634
Principal Investigator:

PI Institution:

Investigators

Title:
Sculpting Hubble's Exoplanet Legacy: A Comprehensive
Uniform Dataset of Exoplanet Transmission Spectra
Cycle:
29
Abstract

PROP ID: 16635
Principal Investigator:
Kirill Tchernyshyov
PI Institution:
University of Washington
Investigators

Title:
The First Direct Measurement of CO/H2 in Sub-Solar
Metallicity Environments Using ULYSSES Data
Cycle:
29
Abstract

PROP ID: 16636
Principal Investigator:
David Thilker
PI Institution:
The Johns Hopkins University
Investigators

Title:

How do local environmental conditions influence the stellar cluster mass-radius relation?

Cycle:

29

Abstract

PROP ID: 16637

Principal Investigator:

David Thilker

PI Institution:

The Johns Hopkins University

Investigators

Title:

Quantifying the relation between exquisitely detailed dust extinction features and molecular gas using HST and ALMA

Cycle:

29

Abstract

PROP ID: 16638

Principal Investigator:

Dean Townsley

PI Institution:

University of Alabama

Investigators

Title:

A Full Framework for Seismology of Accreting White
Dwarf Stars

Cycle:

29

Abstract

PROP ID: 16639

Principal Investigator:

Matthew Walker

PI Institution:

Carnegie Mellon University

Investigators

Title:

Wide Binary Stars in Nearby Dwarf Galaxies: A Novel
Probe of Dark Matter on Subgalactic Scales

Cycle:

29

Abstract

PROP ID: 16640
Principal Investigator:
Yong Zheng
PI Institution:
University of California - Berkeley
Investigators

Title:
Braving the Storm: Quantifying the Effects of Ram
Pressure and Stellar Feedback in the Large Magellanic
Cloud
Cycle:
29
Abstract

PROP ID: 16641
Principal Investigator:
Eiichi Egami
PI Institution:

University of Arizona
Investigators

Title:

HST/WFC3-IR Imaging of Exceptionally Luminous Himiko/
CR7-Like Galaxies at $z > 6$

Cycle:

29

Allocation:

14 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Amber Armstrong

Visit Status Information

None

PROP ID: 16642

Principal Investigator:

Boris Gaensicke

PI Institution:

The University of Warwick

Investigators

Title:

A legacy survey for evolved planetary systems within
100pc

Cycle:

29

Allocation:

150 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Amber Armstrong

Visit Status Information

None

PROP ID: 16643

Principal Investigator:

Simon Gazagnes

PI Institution:

University of Texas at Austin

Investigators

Title:

Mapping the escape of ionizing photons across the full ionizing continuum using high-resolution Lyman alpha and C IV observations.

Cycle:

29

Allocation:

34 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Amber Armstrong

Visit Status Information

None

PROP ID: 16644

Principal Investigator:

Matthew Hayes

PI Institution:

Stockholm University

Investigators

Title:

The ionizing output of galaxies undergoing the most extreme feedback

Cycle:

29

Allocation:

14 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Amber Armstrong

Visit Status Information

None

PROP ID: 16645
Principal Investigator:
Jay Howk
PI Institution:
University of Notre Dame
Investigators

Title:
Spectral Imaging of O VI and Ly-alpha from a Giant
Intragroup Filament
Cycle:
29
Allocation:
24 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Amber Armstrong
Visit Status Information
None

PROP ID: 16646
Principal Investigator:
Sarah Peacock
PI Institution:
NASA Goddard Space Flight Center
Investigators

Title:
Exposing the Lyman-alpha Profiles of Low-Mass Stars
Cycle:
29
Allocation:
22 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Amber Armstrong
Visit Status Information
None

PROP ID: 16647
Principal Investigator:
Varsha Ramachandran
PI Institution:
Universitat Potsdam
Investigators

Title:

The HST probes the winds and feedback of metal poor OB stars in the tidally stripped Magellanic Bridge

Cycle:

29

Allocation:

8 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Amber Armstrong

Visit Status Information

None

PROP ID: 16648

Principal Investigator:

PI Institution:

Investigators

Title:

Atmospheric Evolution and Loss of a Recently Discovered Low-Density Ultra-Short Period Super-Earth

Cycle:

29

Allocation:

9 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Amber Armstrong

Visit Status Information

None

PROP ID: 16649

Principal Investigator:

Nathan Smith

PI Institution:

University of Arizona

Investigators

Title:

The final word on SN 2009ip: is it dead?

Cycle:

29

Allocation:

5 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Amber Armstrong

Visit Status Information

None

PROP ID: 16650

Principal Investigator:

Jessica Werk

PI Institution:

University of Washington

Investigators

Title:

Connecting Galaxy Black Hole Mass with the State of
the Circumgalactic Medium

Cycle:

29

Allocation:

55 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Amber Armstrong

Visit Status Information

None

PROP ID: 16651

Principal Investigator:

Yifan Zhou

PI Institution:

University of Texas at Austin

Investigators

Title:

A Search for Accreting Protoplanets within Transition
Disk Gaps

Cycle:

29

Allocation:

30 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Amber Armstrong

Visit Status Information

None

PROP ID: 16652

Principal Investigator:

Tracy Becker

PI Institution:

Southwest Research Institute

Investigators

Title:

Detecting Water on Metallic M-Type Asteroids in the Far-UV

Cycle:

29

Allocation:

5 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Weston Eck

Visit Status Information

None

PROP ID: 16653

Principal Investigator:

Luigi Bedin

PI Institution:

Osservatorio Astronomico di Padova

Investigators

Title:

Astrometric signature of a Second Planet in Proxima

Cycle:

29

Allocation:

2 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Weston Eck

Visit Status Information

None

PROP ID: 16654

Principal Investigator:

Luciana Bianchi

PI Institution:

The Johns Hopkins University

Investigators

Title:

A wide, red-giant plus non-interacting black hole
binary, or triple stellar system?

Cycle:

29

Allocation:

3 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Weston Eck
Visit Status Information
None

PROP ID: 16655
Principal Investigator:

PI Institution:

Investigators

Title:
Betelgeuse: An Iconic and Surprising Red Supergiant
Cycle:

29

Allocation:

20 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Weston Eck

Visit Status Information
None

PROP ID: 16656

Principal Investigator:

Alex Filippenko

PI Institution:

University of California - Berkeley
Investigators

Title:

Early-Time UV Spectroscopy of Stripped-Envelope
Supernovae: A New Window, Cycle 29

Cycle:

29

Allocation:

17 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Weston Eck

Visit Status Information

None

PROP ID: 16657

Principal Investigator:

Christoffer Fremling

PI Institution:

California Institute of Technology
Investigators

Title:

Late-time NUV Snapshots of the Lost Envelopes of
Stripped Supernovae

Cycle:

29

Allocation:

163 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Weston Eck

Visit Status Information

None

PROP ID: 16658

Principal Investigator:

Jessica Lu

PI Institution:

University of California - Berkeley

Investigators

Title:

Hunting for Black Holes with Astrometric Microlensing

Cycle:

29

Allocation:

20 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Weston Eck

Visit Status Information

None

PROP ID: 16659

Principal Investigator:

PI Institution:

Investigators

Title:

Accreting white dwarfs as probes of compact binary evolution

Cycle:

29

Allocation:

118 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:
Weston Eck
Visit Status Information
None

PROP ID: 16660
Principal Investigator:
Samuel Quinn
PI Institution:
Smithsonian Astrophysical Observatory
Investigators

Title:
Inside out: detecting a rock vapor atmosphere on the
lava world TOI-2431 b
Cycle:
29
Allocation:
11 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Weston Eck
Visit Status Information
None

PROP ID: 16661

Principal Investigator:

Amy Reines

PI Institution:

Montana State University - Bozeman

Investigators

Title:

Dwarf Galaxies with Radio-Selected Massive Black Holes

Cycle:

29

Allocation:

6 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Weston Eck

Visit Status Information

None

PROP ID: 16662

Principal Investigator:

PI Institution:

Investigators

Title:

Lyman-alpha Observations of a $z=8.45$ Powerful Radio Galaxy

Cycle:

29

Allocation:

4 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Weston Eck

Visit Status Information

None

PROP ID: 16663

Principal Investigator:

Lawrence Sromovsky

PI Institution:

University of Wisconsin - Madison
Investigators

Title:

Spectroscopic diagnosis of changing back yard giant exoplanets.

Cycle:

29

Allocation:

4 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Weston Eck

Visit Status Information

None

PROP ID: 16664

Principal Investigator:

Shriharsh Tendulkar

PI Institution:

Tata Institute of Fundamental Research, Bombay
Investigators

Title:

A repeating fast radio burst in a globular cluster at
3.6 Mpc

Cycle:

29

Allocation:

2 orbits

Proprietary Period:

6 months
Program Status:

Program Coordinator:
Weston Eck
Visit Status Information
None

PROP ID: 16665
Principal Investigator:
Feige Wang
PI Institution:
University of Arizona
Investigators

Title:
The HST/JWST Quasar Legacy Survey: Probing the
Primordial Environment of Quasars and the Topology of
Cosmic Reionization
Cycle:
29
Allocation:
66 orbits
Proprietary Period:
0 months
Program Status:

Program Coordinator:
Weston Eck
Visit Status Information

None

PROP ID: 16666

Principal Investigator:

Schuyler Wolff

PI Institution:

University of Arizona

Investigators

Title:

A deep and complete characterization of the Vega
debris disk in scattered light

Cycle:

29

Allocation:

32 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Weston Eck

Visit Status Information

None

PROP ID: 16667

Principal Investigator:

Marusa Bradac

PI Institution:

University of California - Davis

Investigators

Title:

The Final Frontier: HST and JWST Exploration of
Galaxies Across Cosmic Epochs

Cycle:

29

Allocation:

56 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

William Januszewski

Visit Status Information

None

PROP ID: 16668

Principal Investigator:

Dan Coe

PI Institution:

Space Telescope Science Institute - ESA - JWST

Investigators

Title:

Monitoring Earendel, the Lensed $z \sim 6$ Star

Cycle:

29

Allocation:

4 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

William Januszewski

Visit Status Information

None

PROP ID: 16669

Principal Investigator:

Imke de Pater

PI Institution:

University of California - Berkeley

Investigators

Title:

Giant impacts on giant planets

Cycle:

29

Allocation:

2 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
William Januszewski
Visit Status Information
None

PROP ID: 16670
Principal Investigator:
Harald Ebeling
PI Institution:
University of Hawaii
Investigators

Title:
They almost got away: a SNAPshot survey of extreme
galaxy clusters at $z=0.2-0.5$
Cycle:
29
Allocation:
206 orbits
Proprietary Period:
0 months
Program Status:

Program Coordinator:
William Januszewski

Visit Status Information
None

PROP ID: 16671
Principal Investigator:
Nancy Elias-Rosa
PI Institution:
Osservatorio Astronomico di Padova
Investigators

Title:
Unveiling the nature of interacting supernovae or
supernova impostors
Cycle:
29
Allocation:
8 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
William Januszewski
Visit Status Information
None

PROP ID: 16672

Principal Investigator:

Yuri Izotov

PI Institution:

Ukrainian National Academy of Sciences, BITP
Investigators

Title:

Ly-alpha emission from the low-z most metal-deficient
star-forming galaxies

Cycle:

29

Allocation:

34 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

William Januszewski

Visit Status Information

None

PROP ID: 16673

Principal Investigator:

PI Institution:

Investigators

Title:

Delivering on the promise of multi-messenger astronomy

Cycle:

29

Allocation:

22 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

William Januszewski

Visit Status Information

None

PROP ID: 16674

Principal Investigator:

Jian-Yang Li

PI Institution:

Planetary Science Institute

Investigators

Title:

Characterization and Temporal Evolution of the Ejecta
Created by the DART Impact on Dimorphos

Cycle:

29

Allocation:

19 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

William Januszewski

Visit Status Information

None

PROP ID: 16675

Principal Investigator:

Jonathan Nichols

PI Institution:

University of Leicester

Investigators

Title:

Observing Jupiter's FUV auroras during the Juno
Extended Mission

Cycle:

29

Allocation:

18 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:
William Januszewski
Visit Status Information
None

PROP ID: 16676
Principal Investigator:

PI Institution:

Investigators

Title:
A 1% Calibration of the Distance Ladder from Cepheids
Using High Precision Cluster Parallaxes to Reveal the
Origin of the Hubble Tension

Cycle:

29

Allocation:

10 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:
William Januszewski
Visit Status Information
None

PROP ID: 16677
Principal Investigator:
Daniel Stark
PI Institution:
University of Arizona
Investigators

Title:
Massive Stellar Populations at Reionization
Metallicities: Anchoring Stellar Population Models for
the JWST Era
Cycle:
29
Allocation:
54 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
William Januszewski
Visit Status Information
None

PROP ID: 16678
Principal Investigator:
Pieter van Dokkum
PI Institution:
Yale University
Investigators

Title:
Far-UV spectroscopy of 22 early-type galaxies: testing
for IMF variation and a legacy dataset
Cycle:
29
Allocation:
44 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
William Januszewski
Visit Status Information
None

PROP ID: 16679
Principal Investigator:
Jessica Werk
PI Institution:
University of Washington
Investigators

Title:

Mainly on the Plane: Solving the Milky Way CGM Anomaly
with Low-Galactic-Latitude QSOs

Cycle:

29

Allocation:

71 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

William Januszewski

Visit Status Information

None

PROP ID: 16680

Principal Investigator:

David Bowen

PI Institution:

Princeton University

Investigators

Title:

The Circumgalactic Medium of a Gas-Rich Ultra Diffuse
Galaxy

Cycle:

29

Allocation:

7 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Shelly Meyett

Visit Status Information

None

PROP ID: 16681

Principal Investigator:

Tuan Do

PI Institution:

University of California - Los Angeles

Investigators

Title:

Advancing a decades long experiment at the Galactic
center

Cycle:

29

Allocation:

6 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Shelly Meyett
Visit Status Information
None

PROP ID: 16682
Principal Investigator:
Andrew Fruchter
PI Institution:
Space Telescope Science Institute
Investigators

Title:
UV Spectroscopy of Astronomical Transients through
Rolling Snapshots
Cycle:
29
Allocation:
100 orbits
Proprietary Period:
0 months
Program Status:

Program Coordinator:
Shelly Meyett
Visit Status Information
None

PROP ID: 16683

Principal Investigator:

Saurabh Jha

PI Institution:

Rutgers the State University of New Jersey
Investigators

Title:

Radioactive Stars: Bound Remnants from White Dwarf
Supernovae

Cycle:

29

Allocation:

9 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Shelly Meyett

Visit Status Information

None

PROP ID: 16684

Principal Investigator:

PI Institution:

Investigators

Title:

Peak Efficiency: Mass Assembly in a Forming
Supercluster at the Peak of Cosmic Star Formation
Activity

Cycle:

29

Allocation:

50 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Shelly Meyett

Visit Status Information

None

PROP ID: 16685

Principal Investigator:

Raghvendra Sahai

PI Institution:

Jet Propulsion Laboratory

Investigators

Title:

Low Mass Evaporating Planets: A Search for the Star-Planet Interaction in Kepler-535

Cycle:

29

Allocation:

5 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Shelly Meyett

Visit Status Information

None

PROP ID: 16686

Principal Investigator:

PI Institution:

Investigators

Title:

The Metallicity Distribution Functions of Faint M31 Satellites

Cycle:

29

Allocation:

30 orbits

Proprietary Period:

6 months
Program Status:

Program Coordinator:
Shelly Meyett
Visit Status Information
None

PROP ID: 16687
Principal Investigator:
Jessica Agarwal
PI Institution:
Technische Universitaet Braunschweig
Investigators

Title:
Interconnection between outgassing, fast rotation and
mutual orbit in binary main-belt comet 288P
Cycle:
29
Allocation:
2 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Elizabeth Nance
Visit Status Information
None

PROP ID: 16688

Principal Investigator:

Richard Anderson

PI Institution:

Ecole Polytechnique Federale de Lausanne
Investigators

Title:

Towards a 1% local determination of the Hubble
constant: quantifying stellar association bias in the
distance scale anchor galaxy NGC4258

Cycle:

29

Allocation:

4 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16689

Principal Investigator:

Kevin Burdge

PI Institution:

California Institute of Technology

Investigators

Title:

Using STIS ultraviolet spectroscopy to understand the physical properties, evolution, and structure of white dwarfs in sixteen newly discovered ultracompact binaries.

Cycle:

29

Allocation:

55 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16690

Principal Investigator:

Ryan Foley

PI Institution:

University of California - Santa Cruz
Investigators

Title:

Measuring the Effect of Progenitor Metallicity on Type
Ia Supernova Distance Estimates

Cycle:

29

Allocation:

12 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16691

Principal Investigator:

Ryan Foley

PI Institution:

University of California - Santa Cruz
Investigators

Title:

Snapshot Observations of Nearby, Recent Transients and
Their Environments

Cycle:

29

Allocation:

75 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16692

Principal Investigator:

Bethan James

PI Institution:

Space Telescope Science Institute - ESA - JWST
Investigators

Title:

[CII], a High-z Diagnostic Diamond in the Rough

Cycle:

29

Allocation:

12 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16693

Principal Investigator:

Roderik Overzier

PI Institution:

Observatorio Nacional

Investigators

Title:

The host galaxy and environment of a radio galaxy near
the epoch of reionization

Cycle:

29

Allocation:

18 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16694
Principal Investigator:
Liliana Rivera Sandoval
PI Institution:
University of Alberta
Investigators

Title:
Confirming the first outbursting AM CVn in a globular
cluster
Cycle:
29
Allocation:
8 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Elizabeth Nance
Visit Status Information
None

PROP ID: 16695

Principal Investigator:

Zafar Rustamkulov

PI Institution:

The Johns Hopkins University

Investigators

Title:

Cloudy mornings and clear afternoons: mapping
atmospheric dynamics at the limbs of an exceptional hot
Saturn

Cycle:

29

Allocation:

23 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16696

Principal Investigator:

PI Institution:

Investigators

Title:

A dormant black hole or a stripped Helium star in a massive binary system

Cycle:

29

Allocation:

8 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16697

Principal Investigator:

Ryan Sanders

PI Institution:

University of California - Davis

Investigators

Title:

Establishing the C/O gas-phase abundance scale: a critical need for galaxy evolution studies from $z=0$ into the epoch of reionization

Cycle:

29

Allocation:

18 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16698

Principal Investigator:

Sylvain Veilleux

PI Institution:

University of Maryland

Investigators

Title:

The Impact of Radio-Mode Feedback on the
Circumgalactic Medium of Centaurus A

Cycle:

29

Allocation:

25 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16699

Principal Investigator:

Marianne Vestergaard

PI Institution:

University of Copenhagen, Niels Bohr Institute
Investigators

Title:

Constraining the emergent EUV ionizing emission in the
reawakening monster in Mrk 590

Cycle:

29

Allocation:

4 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16700

Principal Investigator:

Allison Youngblood

PI Institution:

University of Colorado at Boulder
Investigators

Title:

Transit Spectroscopy in the Lyman alpha Line Core with
a High Velocity Star: A New Window into Atmospheric
Escape

Cycle:

29

Allocation:

5 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16701

Principal Investigator:

Allison Youngblood

PI Institution:

University of Colorado at Boulder

Investigators

Title:

Essential Ultraviolet Stellar Characterization for
Cycle 1 JWST Transiting Planet Targets

Cycle:

29

Allocation:

110 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16702

Principal Investigator:

Philip Appleton

PI Institution:

California Institute of Technology

Investigators

Title:

Cross-calibration of HST, Euclid and Roman grism/prism through WFC3-IR faint spectrophotometric white dwarf standards near the North and South Ecliptic Poles

Cycle:

29

Allocation:

11 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Blair Porterfield

Visit Status Information

None

PROP ID: 16703

Principal Investigator:

Joseph Burchett

PI Institution:

New Mexico State University

Investigators

Title:

Unveiling Multiphase Accretion Flows in a Sample of Truly Edge-on Galaxies

Cycle:

29

Allocation:

54 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Blair Porterfield

Visit Status Information

None

PROP ID: 16704

Principal Investigator:

Richard Cartwright

PI Institution:

SETI Institute

Investigators

Title:

Are the surfaces of the large moons of Uranus modified
by charged particle bombardment?

Cycle:

29

Allocation:

16 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Blair Porterfield
Visit Status Information
None

PROP ID: 16705
Principal Investigator:
Doron Chelouche
PI Institution:
University of Haifa
Investigators

Title:
Shedding light on light echoes: mapping the accretion
disk and broad line region in Mrk 279
Cycle:
29
Allocation:
50 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Blair Porterfield
Visit Status Information
None

PROP ID: 16706

Principal Investigator:

Suvi Gezari

PI Institution:

University of Maryland
Investigators

Title:

This is NUTS! A Narrow-field Ultraviolet Transient
Survey

Cycle:

29

Allocation:

34 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Blair Porterfield

Visit Status Information

None

PROP ID: 16707

Principal Investigator:

Paul Kalas

PI Institution:

University of California - Berkeley
Investigators

Title:

Precision astrometry with STIS to confirm the orbital
motion of HD 106906b

Cycle:

29

Allocation:

2 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Blair Porterfield

Visit Status Information

None

PROP ID: 16708

Principal Investigator:

Chris Kochanek

PI Institution:

The Ohio State University
Investigators

Title:

Testing the Existence of a 3 Solar Mass Dark Companion
to V723 Mon

Cycle:

29

Allocation:

2 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Blair Porterfield

Visit Status Information

None

PROP ID: 16709

Principal Investigator:

Ragnhild Lunnan

PI Institution:

Stockholm University

Investigators

Title:

Probing Massive Shell Eruptions of Superluminous
Supernovae in the UV

Cycle:

29

Allocation:

18 orbits

Proprietary Period:

6 months
Program Status:

Program Coordinator:
Blair Porterfield
Visit Status Information
None

PROP ID: 16710
Principal Investigator:
Ramesh Mainali
PI Institution:
NASA Goddard Space Flight Center
Investigators

Title:
Measuring ionizing photon escape from an exceptionally
bright gravitationally lensed arc at $z=1.43$
Cycle:
29
Allocation:
10 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Blair Porterfield
Visit Status Information
None

PROP ID: 16711

Principal Investigator:

Francine Marleau

PI Institution:

Universitat Innsbruck, Institut fur Astronomie
Investigators

Title:

Globular cluster systems of ultra-diffuse galaxies in
low density environments

Cycle:

29

Allocation:

70 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Blair Porterfield

Visit Status Information

None

PROP ID: 16712

Principal Investigator:

Keith Noll

PI Institution:

NASA Goddard Space Flight Center
Investigators

Title:

Constraining the Orbit of Eurybates' Satellite, Queta
Cycle:

29

Allocation:

2 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Blair Porterfield

Visit Status Information

None

PROP ID: 16713

Principal Investigator:

Kristina Nyland

PI Institution:

Naval Research Laboratory
Investigators

Title:

The Hosts of Quasars with Newborn Jets Discovered in
the Very Large Array Sky Survey

Cycle:

29

Allocation:

4 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Blair Porterfield

Visit Status Information

None

PROP ID: 16714

Principal Investigator:

Daniel Perley

PI Institution:

Liverpool John Moores University

Investigators

Title:

HST Spectroscopy of a Fast-Rising Luminous Ultraviolet
Transient

Cycle:

29

Allocation:

6 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Blair Porterfield
Visit Status Information
None

PROP ID: 16715
Principal Investigator:
Bin Ren
PI Institution:
California Institute of Technology
Investigators

Title:
Coronagraphic Imaging of the Iconic Quasar 3C 273
Cycle:
29
Allocation:
8 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Blair Porterfield
Visit Status Information

None

PROP ID: 16716

Principal Investigator:

Kailash Sahu

PI Institution:

Space Telescope Science Institute

Investigators

Title:

Snapshot Survey of Historical Microlensing Events

Cycle:

29

Allocation:

70 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Blair Porterfield

Visit Status Information

None

PROP ID: 16717

Principal Investigator:

Peter Senchyna

PI Institution:

Carnegie Institution of Washington
Investigators

Title:

UV spectroscopy of a serendipitously-detected He star
in Leo A: an unprecedented glimpse of binary mass
transfer at extremely low metallicity

Cycle:

29

Allocation:

8 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Blair Porterfield

Visit Status Information

None

PROP ID: 16718

Principal Investigator:

PI Institution:

Investigators

Title:

Atmospheric Structure and Spin Axis Alignment of an Overlooked Planetary-Mass Companion

Cycle:

29

Allocation:

6 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Blair Porterfield

Visit Status Information

None

PROP ID: 16719

Principal Investigator:

Nikolay Walters

PI Institution:

University College London

Investigators

Title:

Characterization of Unforeseen Chromospheres in Isolated White Dwarfs

Cycle:

29

Allocation:

12 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Blair Porterfield

Visit Status Information

None

PROP ID: 16720

Principal Investigator:

David Trilling

PI Institution:

Northern Arizona University

Investigators

Title:

A combined HST and JWST study of the composition of the faintest trans-Neptunian objects: Testing hypotheses for the formation of the Solar System

Cycle:

29

Allocation:

99 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Tony Roman

Visit Status Information

None

PROP ID: 16721

Principal Investigator:

Brendan Bowler

PI Institution:

University of Texas at Austin

Investigators

Title:

The Angular Momentum Architecture of Long-Period Giant
Planets and Brown Dwarf Companions

Cycle:

29

Allocation:

18 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16722

Principal Investigator:

Hannah Diamond-Lowe

PI Institution:

Technical University of Denmark-DTU Space
Investigators

Title:

An HST exclusive look at two rising stars: high-energy
spectra of the two closest M dwarfs to host transiting
terrestrial exoplanets

Cycle:

29

Allocation:

16 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16723

Principal Investigator:

Leonardo Dos Santos

PI Institution:

University of Geneva-Department of Astronomy
Investigators

Title:

Resolving the dichotomy of atmospheric escape in the
young planet DS Tuc A b

Cycle:

29

Allocation:

10 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16724

Principal Investigator:

Leonardo Dos Santos

PI Institution:

University of Geneva-Department of Astronomy
Investigators

Title:

Hydrodynamic atmospheric escape in a benchmark ultra-hot Jupiter

Cycle:

29

Allocation:

10 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16725

Principal Investigator:

Trent Dupuy

PI Institution:

University of Edinburgh, Institute for Astronomy
Investigators

Title:

Dynamical Masses of the Coldest Brown Dwarfs

Cycle:

29

Allocation:

4 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Tricia Royle
Visit Status Information
None

PROP ID: 16726
Principal Investigator:

PI Institution:

Investigators

Title:
A comparative study of atmospheric escape in the
brightest system of super-earths straddling the
evaporation valley

Cycle:

29

Allocation:

35 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Tricia Royle
Visit Status Information
None

PROP ID: 16727
Principal Investigator:
Peter Garnavich
PI Institution:
University of Notre Dame
Investigators

Title:
A Propeller Driven by Spin-Down Energy in the
Intermediate Polar FO Aquarii
Cycle:
29
Allocation:
5 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Tricia Royle
Visit Status Information
None

PROP ID: 16728

Principal Investigator:

Sean Johnson

PI Institution:

University of Michigan
Investigators

Title:

Physical diagnostics of AGN feedback from the first
spatially resolved UV spectra of a jet-driven AGN
outflow

Cycle:

29

Allocation:

4 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16729

Principal Investigator:

Patrick Kelly
PI Institution:
University of Minnesota - Twin Cities
Investigators

Title:
SNAP Survey for Extremely Magnified Individual Stars
Cycle:
29
Allocation:
180 orbits
Proprietary Period:
0 months
Program Status:

Program Coordinator:
Tricia Royle
Visit Status Information
None

PROP ID: 16730
Principal Investigator:
Nicolas Lehner
PI Institution:
University of Notre Dame
Investigators

Title:

Connecting the Smoke to the Fire: Mapping Andromeda's
Inner Circumgalactic Medium

Cycle:

29

Allocation:

137 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16731

Principal Investigator:

PI Institution:

Investigators

Title:

Leveraging High Radial Velocities to Get to the Core
of Planetary Lyman-alpha Transits

Cycle:

29

Allocation:

12 orbits

Proprietary Period:

6 months
Program Status:

Program Coordinator:
Tricia Royle
Visit Status Information
None

PROP ID: 16732
Principal Investigator:
Adam Miller
PI Institution:
Northwestern University
Investigators

Title:
Caught in the Act: UV spectroscopy of the ejecta-
companion collision from a type Ia supernova
Cycle:
29
Allocation:
2 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Tricia Royle
Visit Status Information
None

PROP ID: 16733

Principal Investigator:

Jane Rigby

PI Institution:

NASA Goddard Space Flight Center

Investigators

Title:

Mapping the escape of Ly alpha and ionizing photons
from an extreme emission-line lensed galaxy

Cycle:

29

Allocation:

10 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16734

Principal Investigator:

Claudia Scarlata

PI Institution:

University of Minnesota - Twin Cities

Investigators

Title:

Calibrating local estimators for the escape fraction
of ionizing radiation 2.7Gyrs after the Big Bang

Cycle:

29

Allocation:

46 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16735

Principal Investigator:

Adam Schneider

PI Institution:

United States Naval Observatory Flagstaff Station

Investigators

Title:

Characterizing Cold Discoveries in the Sun's Backyard

Cycle:

29

Allocation:

12 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16736

Principal Investigator:

David Sing

PI Institution:

The Johns Hopkins University

Investigators

Title:

A Comparative Study of Planetary Atmospheres in Low-Metallicity Environments

Cycle:

29

Allocation:

27 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Tricia Royle
Visit Status Information
None

PROP ID: 16737
Principal Investigator:
Sangmo Sohn
PI Institution:
Space Telescope Science Institute
Investigators

Title:
Internal Proper Motion Kinematics of Dwarf Spheroidal
Galaxies: Constraining the Density and Properties of
Dark Matter
Cycle:
29
Allocation:
20 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:

Tricia Royle
Visit Status Information
None

PROP ID: 16738
Principal Investigator:
Nial Tanvir
PI Institution:
University of Leicester
Investigators

Title:
Identifying gamma-ray bursts at very high redshifts
Cycle:
29
Allocation:
6 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Tricia Royle
Visit Status Information
None

PROP ID: 16739

Principal Investigator:

PI Institution:

Investigators

Title:

First measurement of the super-massive black hole mass
using strong gravitational lensing

Cycle:

29

Allocation:

4 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Wilson Joy Skipper

Visit Status Information

None

PROP ID: 16740

Principal Investigator:

Emanuele Farina

PI Institution:

Max Planck Institute for Astrophysics
Investigators

Title:

The host galaxies of the first QSOs

Cycle:

29

Allocation:

9 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Wilson Joy Skipper

Visit Status Information

None

PROP ID: 16741

Principal Investigator:

Lluís Galbany

PI Institution:

Universidad de Granada

Investigators

Title:

A public UV snapshot survey of type Ia supernova hosts
in IFS data

Cycle:

29

Allocation:

218 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Wilson Joy Skipper

Visit Status Information

None

PROP ID: 16742

Principal Investigator:

Stephanie Ho

PI Institution:

Texas A & M University

Investigators

Title:

Resolving the 3D Orientation of Galactic Disks: New
Constraints on Circumgalactic Gas Flow

Cycle:

29

Allocation:

17 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:
Wilson Joy Skipper
Visit Status Information
None

PROP ID: 16743
Principal Investigator:
Taylor Hoyt
PI Institution:
University of Chicago
Investigators

Title:
A High-accuracy, Geometric Calibration of the Tip of
the Red Giant Branch in the Halo of NGC 4258
Cycle:
29
Allocation:
16 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Wilson Joy Skipper
Visit Status Information
None

PROP ID: 16744

Principal Investigator:

Caroline Huang

PI Institution:

Smithsonian Astrophysical Observatory

Investigators

Title:

A Mira Distance to M101: Towards a Sub-3% Hubble
Constant with Miras and a NIR Candle for JWST and Roman
Cycle:

29

Allocation:

5 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Wilson Joy Skipper

Visit Status Information

None

PROP ID: 16745

Principal Investigator:

Luca Izzo

PI Institution:

University of Copenhagen, Niels Bohr Institute
Investigators

Title:

Classical Novae: Galactic lithium factories?

Cycle:

29

Allocation:

20 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Wilson Joy Skipper

Visit Status Information

None

PROP ID: 16746

Principal Investigator:

PI Institution:

Investigators

Title:

Reconstructing Andromeda's accretion history with
remote globular clusters: a pilot proper motion study

Cycle:

29

Allocation:

16 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Wilson Joy Skipper

Visit Status Information

None

PROP ID: 16747

Principal Investigator:

Karl Misselt

PI Institution:

University of Arizona

Investigators

Title:

FUV-Optical Spectroscopic Mapping of the PDRs in
NGC7023 and The Horsehead

Cycle:

29

Allocation:

47 orbits

Proprietary Period:

0 months
Program Status:

Program Coordinator:
Wilson Joy Skipper
Visit Status Information
None

PROP ID: 16748
Principal Investigator:
Florian Niederhofer
PI Institution:
Leibniz-Institut für Astrophysik Potsdam (AIP)
Investigators

Title:
Proper motions of the star cluster system of the Large
Magellanic Cloud
Cycle:
29
Allocation:
19 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Wilson Joy Skipper
Visit Status Information
None

PROP ID: 16749

Principal Investigator:

Nikki Nielsen

PI Institution:

Swinburne University of Technology
Investigators

Title:

Direct imaging of CGM substructure with 50 parsec
resolution

Cycle:

29

Allocation:

5 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Wilson Joy Skipper

Visit Status Information

None

PROP ID: 16750

Principal Investigator:

Tanita Ramburuth-Hurt

PI Institution:

University of Geneva-Department of Astronomy
Investigators

Title:

Inhomogeneities and pristine gas infall in the ISM

Cycle:

29

Allocation:

15 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Wilson Joy Skipper

Visit Status Information

None

PROP ID: 16751

Principal Investigator:

Adam Ritchey

PI Institution:

Eureka Scientific Inc.
Investigators

Title:

Spatial and Temporal Variations in the Physical
Conditions of Clouds Shocked by the Vela Supernova
Remnant

Cycle:

29

Allocation:

12 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Wilson Joy Skipper

Visit Status Information

None

PROP ID: 16752

Principal Investigator:

Laura Rogers

PI Institution:

University of Cambridge

Investigators

Title:

The composition of exoplanetary bodies - as probed in
accreting white dwarfs with gaseous emission

Cycle:

29

Allocation:

7 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Wilson Joy Skipper

Visit Status Information

None

PROP ID: 16753

Principal Investigator:

Ilaria Caiazzo

PI Institution:

California Institute of Technology

Investigators

Title:

The radius and magnetic field structure of the
smallest white dwarf

Cycle:

29

Allocation:

10 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Christian Soto
Visit Status Information
None

PROP ID: 16754
Principal Investigator:
Sarah Casewell
PI Institution:
University of Leicester
Investigators

Title:
Decoding the clouds on an irradiated inflated brown
dwarf
Cycle:
29
Allocation:
6 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Christian Soto
Visit Status Information
None

PROP ID: 16755
Principal Investigator:
Maria Drout
PI Institution:
University of Toronto
Investigators

Title:
From Supernova Progenitors to Ionizing Radiation -
HST/COS Spectroscopy of Stripped Helium Stars
Cycle:
29
Allocation:
17 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Christian Soto
Visit Status Information
None

PROP ID: 16756
Principal Investigator:
Anna-Christina Eilers

PI Institution:
Massachusetts Institute of Technology
Investigators

Title:
Quasars with small proximity zones: gravitationally
lensed or exceptionally young?

Cycle:

29

Allocation:

11 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Christian Soto

Visit Status Information

None

PROP ID: 16757

Principal Investigator:

Anthony Gonzalez

PI Institution:

University of Florida

Investigators

Title:

Intracluster Light in the Frontier Fields

Cycle:

29

Allocation:

20 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Christian Soto

Visit Status Information

None

PROP ID: 16758

Principal Investigator:

Michael Jones

PI Institution:

University of Arizona

Investigators

Title:

Completing the picture: The globular cluster systems
of field ultra-diffuse galaxies

Cycle:

29

Allocation:

20 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:
Christian Soto
Visit Status Information
None

PROP ID: 16759
Principal Investigator:
Henry Kobulnicky
PI Institution:
University of Wyoming
Investigators

Title:
Obtaining the UV Reddening Curve of Extreme-Rv Highly
Polarizing Dust Irradiated by Zeta Ophiuchi
Cycle:
29
Allocation:
5 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Christian Soto
Visit Status Information
None

PROP ID: 16760

Principal Investigator:

Casey Lam

PI Institution:

University of California - Berkeley
Investigators

Title:

First detection of an isolated stellar mass black hole
with astrometric microlensing

Cycle:

29

Allocation:

4 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Christian Soto

Visit Status Information

None

PROP ID: 16761

Principal Investigator:

PI Institution:

Investigators

Title:

A Tale of Two Catalogs: Revealing the cause of GAIA/
VLBI quasar position offsets

Cycle:

29

Allocation:

75 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Christian Soto

Visit Status Information

None

PROP ID: 16762

Principal Investigator:

Chris Mihos

PI Institution:

Case Western Reserve University

Investigators

Title:

Probing the Origins of BST1047+1156, the Most Diffuse
Star Forming Galaxy

Cycle:

29

Allocation:

15 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Christian Soto

Visit Status Information

None

PROP ID: 16763

Principal Investigator:

Matilde Mingozzi

PI Institution:

Space Telescope Science Institute

Investigators

Title:

Tracking down the origin of UV photons in local high-z
analogues with FUV emission line imaging

Cycle:

29

Allocation:

32 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Christian Soto

Visit Status Information

None

PROP ID: 16764

Principal Investigator:

Gautham Narayan

PI Institution:

University of Illinois at Urbana - Champaign

Investigators

Title:

The Stars Like Dust: Inferring a Probabilistic
Extinction Law from STIS UV Spectroscopy of the Cosmic
Flux Standards

Cycle:

29

Allocation:

34 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Christian Soto

Visit Status Information
None

PROP ID: 16765
Principal Investigator:
 Jessie Runnoe
PI Institution:
 Vanderbilt University
Investigators

Title:
 Is the supermassive black hole binary candidate
 J0950+5128 actually a single perturbed accretion disk?
Cycle:
 29
Allocation:
 5 orbits
Proprietary Period:
 6 months
Program Status:

Program Coordinator:
 Christian Soto
Visit Status Information
None

PROP ID: 16766
Principal Investigator:
Steve Schulze
PI Institution:
Stockholm University
Investigators

Title:
What powers the longest-rising superluminous supernova
2020abjc?
Cycle:
29
Allocation:
4 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Christian Soto
Visit Status Information
None

PROP ID: 16767

Principal Investigator:
Grace Telford

PI Institution:

Rutgers the State University of New Jersey
Investigators

Title:

A Family Portrait of the O Stars in the Extremely
Metal-Poor Galaxy Sextans A

Cycle:

29

Allocation:

32 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Christian Soto

Visit Status Information

None

PROP ID: 16768

Principal Investigator:

Samaporn Tinyanont

PI Institution:

University of California - Santa Cruz
Investigators

Title:

Supernova 2020wnt: a pair-instability explosion in our backyard?

Cycle:

29

Allocation:

2 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Christian Soto

Visit Status Information

None

PROP ID: 16769

Principal Investigator:

Breanna Binder

PI Institution:

Cal Poly Pomona Foundation, Inc.

Investigators

Title:

The Missing Piece of the IC 10 X-1 Puzzle: What is the Mass of the Black Hole?

Cycle:

29

Allocation:

10 orbits

Proprietary Period:

6 months
Program Status:

Program Coordinator:
Alison Vick
Visit Status Information
None

PROP ID: 16770
Principal Investigator:
Dennis Bodewits
PI Institution:
Auburn University
Investigators

Title:
The return of Rosetta's comet 67P/Churyumov-
Gerasimenko
Cycle:
29
Allocation:
4 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Alison Vick
Visit Status Information
None

PROP ID: 16771

Principal Investigator:

Scott Davis

PI Institution:

University of California - Davis

Investigators

Title:

Early Ultraviolet Spectroscopy of a Nearby Supernova

Cycle:

29

Allocation:

13 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Alison Vick

Visit Status Information

None

PROP ID: 16772

Principal Investigator:

Michael Eracleous

PI Institution:

The Pennsylvania State University

Investigators

Title:

They Pack a Punch: Mechanical Feedback by the Lowest-Luminosity AGNs

Cycle:

29

Allocation:

34 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Alison Vick

Visit Status Information

None

PROP ID: 16773

Principal Investigator:

Karl Glazebrook

PI Institution:

Swinburne University of Technology

Investigators

Title:

A SNAPshot Legacy Survey of Bright Gravitational
Lenses

Cycle:

29

Allocation:

150 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Alison Vick

Visit Status Information

None

PROP ID: 16774

Principal Investigator:

Robert Hynes

PI Institution:

Louisiana State University and A & M College
Investigators

Title:

Disk, wind, and jet coupling in a black hole X-ray
transient in outburst with HST and JWST

Cycle:

29

Allocation:

3 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Alison Vick
Visit Status Information
None

PROP ID: 16775
Principal Investigator:
Walter Maksym
PI Institution:
Smithsonian Institution Astrophysical Observatory
Investigators

Title:
The Last Gasp of the TDE Wind
Cycle:
29
Allocation:
20 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Alison Vick
Visit Status Information

None

PROP ID: 16776

Principal Investigator:

Lee Patrick

PI Institution:

Universidad de Alicante, Dpto de Fisica
Investigators

Title:

Cool stars with hot companions in the Small Magellanic
Cloud

Cycle:

29

Allocation:

28 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Alison Vick

Visit Status Information

None

PROP ID: 16777

Principal Investigator:

Anil Seth

PI Institution:

University of Utah

Investigators

Title:

Deciphering the Formation History of Omega Cen with a
Comprehensive Stellar Kinematic and Population Dataset
Cycle:

29

Allocation:

18 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Alison Vick

Visit Status Information

None

PROP ID: 16778

Principal Investigator:

PI Institution:

Investigators

Title:

The Panchromatic Hubble Andromeda Southern Treasury
(PHAST)

Cycle:

29

Allocation:

195 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Alison Vick

Visit Status Information

None

PROP ID: 16779

Principal Investigator:

Michael Zhang

PI Institution:

California Institute of Technology

Investigators

Title:

Lyman alpha absorption from the only mini Neptune with
measured helium outflow

Cycle:

29

Allocation:

15 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Alison Vick

Visit Status Information

None

PROP ID: 16780

Principal Investigator:

John Wisniewski

PI Institution:

University of Oklahoma Norman Campus

Investigators

Title:

Time Domain Coronagraphy: Diagnosing the Stripping of
AU Mic's Debris Disk

Cycle:

29

Allocation:

7 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:
William Januszewski
Visit Status Information
None

PROP ID: 16781
Principal Investigator:
Jessica Agarwal
PI Institution:
Technische Universitaet Braunschweig
Investigators

Title:
Re-activation of binary main-belt comet 288P
Cycle:
29
Allocation:
4 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
William Januszewski
Visit Status Information
None

PROP ID: 16782

Principal Investigator:

Kailash Sahu

PI Institution:

Space Telescope Science Institute
Investigators

Title:

Discovering Isolated Stellar-Mass Black Holes Using
Astrometric Microlensing

Cycle:

29

Allocation:

2 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

William Januszewski

Visit Status Information

None

PROP ID: 16783

Principal Investigator:

PI Institution:

Investigators

Title:

Improved Masses for Critical Cepheid Binaries

Cycle:

29

Allocation:

4 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Michael Leveille

Visit Status Information

None

PROP ID: 16784

Principal Investigator:

Peter Brown

PI Institution:

Texas A & M University

Investigators

Title:

Red or Reddened Supernovae? Understanding the
Ultraviolet Differences of Normal Standard Candles

Cycle:

29

Allocation:

14 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Crystal Mannfolk

Visit Status Information

None

PROP ID: 16785

Principal Investigator:

John Debes

PI Institution:

Space Telescope Science Institute - ESA - JWST

Investigators

Title:

A Multi-Cycle Monitoring Program of the Hydra's Shadow

Cycle:

29

Allocation:

4 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:
Shelly Meyett
Visit Status Information
None

PROP ID: 16786
Principal Investigator:
Claire Murray
PI Institution:
The Johns Hopkins University
Investigators

Title:
Scylla: a pure-parallel, multi-headed attack on dust
evolution and star formation in ULLYSES galaxies
Cycle:
29
Allocation:
10 orbits
Proprietary Period:
0 months
Program Status:

Program Coordinator:
Shelly Meyett
Visit Status Information
None

PROP ID: 16787

Principal Investigator:

Thomas Ayres

PI Institution:

University of Colorado at Boulder
Investigators

Title:

Cycles and the Seven Dwarfs

Cycle:

29

Allocation:

4 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Elizabeth Nance

Visit Status Information

None

PROP ID: 16788

Principal Investigator:

Kevin Wagner

PI Institution:
University of Arizona
Investigators

Title:
Imaging Planet-Disk Interactions in the Beta Pictoris
Disk
Cycle:
29
Allocation:
3 orbits
Proprietary Period:
6 months
Program Status:

Program Coordinator:
Elizabeth Nance
Visit Status Information
None

PROP ID: 16789
Principal Investigator:
Josefin Larsson
PI Institution:
Royal Institute of Technology
Investigators

Title:
The ever-changing face of SN 1987A

Cycle:

29

Allocation:

9 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Tony Roman

Visit Status Information

None

PROP ID: 16790

Principal Investigator:

Amy Simon

PI Institution:

NASA Goddard Space Flight Center

Investigators

Title:

Hubble 2020: Outer Planet Atmospheres Legacy (OPAL)
Program

Cycle:

29

Allocation:

41 orbits

Proprietary Period:

0 months

Program Status:

Program Coordinator:

Tony Roman

Visit Status Information

None

PROP ID: 16791

Principal Investigator:

Ana Bonaca

PI Institution:

Harvard University

Investigators

Title:

Cold Dark Matter and the GD-1 Stellar Stream

Cycle:

29

Allocation:

24 orbits

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information

None

PROP ID: 16792

Principal Investigator:

Thomas Brown

PI Institution:

Space Telescope Science Institute
Investigators

Title:

Completing the HST Parallax Legacy: M4

Cycle:

29

Allocation:

1 orbit

Proprietary Period:

6 months

Program Status:

Program Coordinator:

Tricia Royle

Visit Status Information