

Cycle 20 Approved Programs

<u>Phase II</u>	<u>First Name</u>	<u>Last Name</u>	<u>Institution</u>	<u>Country</u>	<u>Sci Cat</u>	<u>Type</u>	<u>Title</u>
12944	Katelyn	Allers	Bucknell University	USA	CS	GO	A High-Resolution Survey of the Very Youngest Brown Dwarfs
12868	Rodolfo	Angeloni	Pontificia Universidad Catolica de Chile	Chile	ISM	GO	Unveiling the giant jet from Sanduleak's star in the Large Magellanic Cloud
12814	Philip	Armitage	University of Colorado at Boulder	USA	SF	AR	Signatures of turbulence in directly imaged protoplanetary disks
13007	Lee	Armus	California Institute of Technology	USA	USP	SNAP	UV Imaging of Luminous Infrared Galaxies in the GOALS Sample
13035	Sarah	Badman	Institute of Space & Astronautical Science	Japan	SS	GO	A unique opportunity to discover how energy is transported through Jupiter's magnetosphere
12837	Jeremy	Bailin	University of Michigan	USA	RSP	AR	The Age-Metallicity Relation of Galaxies in a LambdaCDM Universe
13021	Jacob	Bean	University of Chicago	USA	EXO	GO	Revealing the Diversity of Super-Earth Atmospheres
12963	Tracy	Beck	Space Telescope Science Institute	USA	SF	GO	Spatially Resolving the Disk Mass Accretion Process In Young Star Binaries
12911	Luigi	Bedin	Osservatorio Astronomico di Padova	Italy	RSP	GO	A search for binaries with massive companions in the core of the closest globular cluster M4
12845	Andrea	Bellini	Space Telescope Science Institute	USA	RSP	AR	Hunting for Intermediate-Mass Black Holes: Archival Proper-Motion Analysis of Globular Clusters
12887	Susan	Benecchi	Carnegie Institution of Washington	USA	SS	GO	Precise Orbit Determination for New Horizons Candidate KBOs
12961	Misty	Bentz	Georgia State University Research Foundation	USA	AGN	GO	A Cepheid Distance to NGC6814
13022	Edo	Berger	Harvard University	USA	USP	GO	Staring into the Beasts' Lair: HST Observations of the Host Galaxies of Pan-STARRS Ultra-luminous Supernovae
12873	Beth	Biller	Max-Planck-Institut fur Astronomie, Heidelberg	Germany	EXO	SNAP	Search for Planetary Mass Companions around the Coolest Brown Dwarfs
12886	Sanchayeeta	Borthakur	The Johns Hopkins University	USA	USP	GO	Direct Detection of Escaping Lyman Continuum Emission from Local Lyman-Break Analog Galaxy
12988	David	Bowen	Princeton University	USA	QAL	GO	Mapping Baryons in the Halo of NGC 1097
12862	Martha	Boyer	Space Telescope Science Institute	USA	CS	GO	Towards Identifying Carbon Stars Beyond the Local Group
12836	Michael	Boylan-Kolchin	University of California - Irvine	USA	USP	AR	Simulating the Local Group in Cosmological Context
12904	Joel	Bregman	University of Michigan	USA	IEG	GO	The Galactic Fountain Meets The Accreting Halo
13010	Fabio	Bresolin	University of Hawaii	USA	RSP	GO	A precise calibration of the zero point of the cosmic distance scale from late-type eclipsing binaries in the LMC

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12930	Carrie	Bridge	California Institute of Technology	USA	COS	GO	WISE Discovered Ly-alpha Blobs at High-z: The missing link?
12954	Thomas	Brown	Space Telescope Science Institute	USA	HS	GO	A New Instability Strip in the HR Diagram of Massive Globular Clusters
12855	Geoffrey	Bryden	Jet Propulsion Laboratory	USA	ISM	AR	Herschel-Resolved Debris Disks: HST Constraints on Dust Albedo
12897	Marc	Buie	Southwest Research Institute	USA	SS	GO	Pluto System Orbits in Support of New Horizons
12846	Jane	Charlton	The Pennsylvania State University	USA	QAL	AR	Mapping the Multiphase High Velocity Clouds in the Milky Way Halo
12829	Sourav	Chatterjee	University of Florida	USA	RSP	AR	Modeling the Blue Stragglers in Globular Clusters
13023	Marco	Chiaberge	Space Telescope Science Institute - ESA	USA	AGN	SNAP	Universe in transition: powerful activity in the Bright Ages
12823	Eugene	Chiang	University of California - Berkeley	USA	EXO	AR	Colliding Planetary and Stellar Winds: Charge Exchange and Metal Absorption in Hot Jupiter Exospheres
12918	Kristin	Chiboucas	Gemini Observatory, Northern Operations	USA	USP	GO	Origin of UCDs in the Coma Cluster
12875	You-Hua	Chu	University of Illinois at Urbana - Champaign	USA	ISM	GO	Resolving the Thermal Conduction Front in the Bubble S308
13047	John	Clarke	Boston University	USA	SS	GO	The D/H Ratio and Escape of Water from Venus
12925	Andrew	Cole	University of Tasmania	Australia	RSP	GO	Splendid Isolation: Using DDO 210 to Benchmark Dwarf Galaxy Evolution
13045	Asantha	Cooray	University of California - Irvine	USA	COS	GO	The Nature and Environment of a Luminous Starburst Galaxy During the Era of Reionization
12970	Michael	Cushing	University of Toledo	USA	CS	GO	Completing the Census of Ultracool Brown Dwarfs in the Solar Neighborhood using HST/WFC3
12872	Nicola	Da Rio	European Space Agency - ESTEC	The Netherlands	RSP	GO	Characterizing the mass accretion rates in young low-mass stars at low metallicity
12977	Ivana	Damjanov	Harvard University	USA	USP	GO	Local Turbulent Disks: analogs of high-redshift vigorously star-forming disks and laboratories for galaxy assembly?
12912	Andrea	De Luca	INAF, Istituto di Astrofisica Spaziale e Fisica, Milano	Italy	HS	GO	Imaging the Crab nebula when it is flaring in gamma-rays
13009	Guido	De Marchi	European Space Agency - ESTEC	The Netherlands	RSP	GO	Studying pre-main sequence stars across the metallicity ladder
12882	Imke	de Pater	University of California - Berkeley	USA	SS	GO	Giant impacts on giant planets
12909	John	Debes	Space Telescope Science Institute	USA	HS	GO	WFC3 Micro-arcsecond astrometry of the possible SNIa progenitor BPM 71214

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12844	Drake	Deming	University of Maryland	USA	EXO	AR	Exoplanetary Spectroscopy with NICMOS Revisited
12955	Pieter	Deroo	Jet Propulsion Laboratory	USA	EXO	GO	Comparing Planet Formation Signatures in two Systems
12938	Sergio	Dieterich	Georgia State University Research Foundation	USA	CS	GO	Probing Fundamental Stellar Parameters with HST/STIS Spectroscopy of M Dwarf Binaries
12914	Tuan	Do	University of California - Irvine	USA	RSP	GO	Measuring the Milky Way Mass with the Proper Motion of Leo T
13042	Paul	Dobbie	University of Tasmania	Australia	HS	GO	Confirming the theoretical link between ultra-massive white dwarfs and heavy-weight intermediate mass stars.
12917	Martin	Durant	University of Florida	USA	HS	GO	The FUV bow-shock nebula of PSR J0437-4715
12884	Harald	Ebeling	University of Hawaii	USA	COS	SNAP	A Snapshot Survey of The Most Massive Clusters of Galaxies
12965	David	Ehrenreich	Universite de Grenoble I	France	EXO	GO	Properties and dynamics of the upper atmosphere of the hot-Neptune GJ 436b
12860	Xiaohui	Fan	University of Arizona	USA	QAL	GO	Detecting Sources of Early IGM Enrichment
12861	Xiaohui	Fan	University of Arizona	USA	USP	GO	Morphologies of the Most UV luminous Lyman Break Galaxies at $z \sim 3$
12864	Taotao	Fang	University of California - Irvine	USA	QAL	GO	UV Spectroscopy of the H 2356-309 Sightline: Confirming the X-ray WHIM Absorber and Testing the Structure Formation Theory
13018	Annette	Ferguson	University of Edinburgh, Institute for Astronomy	UK	RSP	GO	Deciphering the Assembly History of Galactic Disks: The Resolved Record in the Outer Disk of M31
12932	Francesco	Ferraro	Universita di Bologna	Italy	HS	GO	COSMIC-LAB: Hunting for optical companions to binary MSPs in Globular Clusters
12933	Francesco	Ferraro	Universita di Bologna	Italy	RSP	GO	COSMIC-LAB: unveiling the true nature of Terzan 5, a pristine fragment of the Galactic bulge
13029	Alex	Filippenko	University of California - Berkeley	USA	USP	SNAP	A Snapshot Survey of the Sites of Recent, Nearby Supernovae
13030	Alex	Filippenko	University of California - Berkeley	USA	HS	GO	Early Time UV Spectroscopy of a Stripped-Envelope Supernova: A New Window
12819	Steven	Finkelstein	University of Texas at Austin	USA	COS	AR	Probing the Formation of Dust in the Early Universe
12874	David	Floyd	Monash University	Australia	AGN	GO	Quasar accretion disks: is the standard model valid?
12999	Ryan	Foley	Smithsonian Institution Astrophysical Observatory	USA	HS	GO	Are the Progenitors of SN 2002cx-like Objects Massive Stars or White Dwarfs?
12876	Kevin	France	University of Colorado at Boulder	USA	ISM	GO	Project WHIPS (Warm H ₂ In Protoplanetary Systems): Direct Measurement of Molecular Abundances in Circumstellar Disks

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12832	Adam	Frank	University of Rochester	USA	SF	AR	Climbing the Ladder of Star Formation Feedback A pure parallel survey of the colors of small trans-
12910	Cesar	Fuentes	Northern Arizona University	USA	SS	GO	Neptunian objects to constrain the collisional history of the Outer Solar System
12863	Amy	Furniss	University of California Santa Cruz	USA	COS	GO	Determining the Redshift of the Blazar 3C 66A for Studies of the Extragalactic Background Light
12869	Boris	Gaensicke	The University of Warwick	UK	EXO	GO	The chemical diversity of extra-solar planetary systems
12870	Boris	Gaensicke	The University of Warwick	UK	HS	GO	The mass and temperature distribution of accreting white dwarfs
12839	Rajib	Ganguly	University of Michigan	USA	AGN	AR	The Geometry of Quasar Outflows
12969	Peter	Garnavich	University of Notre Dame	USA	HS	SNAP	Global Properties Are Not Enough: Probing the Local Environments of Type Ia Supernovae
12923	Andras	Gaspar	University of Arizona	USA	ISM	GO	Pointing the Finger: Calibrating the Hidden Features of STIS and Enabling New Coronagraphy at Separations of 0.15"
12972	Christopher	Gelino	California Institute of Technology	USA	CS	GO	In Search of the Coldest Atmospheres: Identifying Companions to the Latest WISE Brown Dwarfs
12893	Ronald	Gilliland	The Pennsylvania State University	USA	EXO	SNAP	Study of Small and Cool Kepler Planet Candidates with High Resolution Imaging
13003	Michael	Gladders	University of Chicago	USA	USP	GO	Resolving the Star Formation in Distant Galaxies
12942	Eilat	Glikman	Yale University	USA	AGN	GO	Testing the Merger Hypothesis for Black Hole/Galaxy Co-Evolution at $z \sim 2$
12994	Anthony	Gonzalez	University of Florida	USA	COS	GO	A Lensing Study of IDCS J1426.5+3508: A Massive Galaxy Cluster at $z=1.75$
12908	Paul	Goudfrooij	Space Telescope Science Institute	USA	RSP	GO	What Causes Extended Main Sequence Turn-offs in Intermediate-Age Star Clusters?
13032	Carol	Grady	Eureka Scientific Inc.	USA	ISM	GO	Crossing the Snow Line: Mapping Ice Photodesorption products in the Disks of Herbig Ae-Fe stars
12843	Michael	Gregg	University of California - Davis	USA	USP	AR	Under Construction: the Next Generation Spectral Library
12883	Denis	Grodent	Universite de Liege	Belgium	SS	GO	Unraveling electron acceleration mechanisms in Ganymede's space environment through N-S conjugate imagery of Jupiter's aurora
13031	William	Grundy	Lowell Observatory	USA	SS	SNAP	Testing Collisional Grinding in the Kuiper Belt
12935	Martin	Guerrero	Instituto de Astrofisica de Andalucia (IAA)	Spain	ISM	GO	Witnessing the Expansion of Hydrogen-Poor Ejecta in Born-Again Planetary Nebulae

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13019	Edward	Guinan	Villanova University	USA	CS	GO	Probing the Complicated Atmospheres of Cepheids with HST-COS: Plasma Dynamics, Shock Energetics and Heating Mechanisms
13020	Edward	Guinan	Villanova University	USA	CS	GO	A Comprehensive COS Study of the Magnetic Dynamos, Rotations, UV Irradiances and Habitability of dM Stars with a Broad Span of Ages
12865	Ulrich	Heber	Universitat Erlangen-Nurnberg	Germany	HS	GO	HD 188112 - a candidate Supernova Ia progenitor
13017	Timothy	Heckman	The Johns Hopkins University	USA	IEG	GO	UV Spectroscopy of Lyman Break Galaxy Analogs: A Local Window on the Early Universe
12950	Craig	Heinke	University of Alberta	Canada	HS	GO	A Deep, Near-UV Probe of the Faint Cataclysmic Variable Population of 47 Tucanae
12928	Alaina	Henry	University of California - Santa Barbara	USA	IEG	GO	Gaseous outflows from low mass galaxies: Understanding local laboratories for high redshift star formation
12818	Luis	Ho	Carnegie Institution of Washington	USA	AGN	AR	The Origin of the Intrinsic Scatter in the Correlation Between Black Hole Mass and Bulge Luminosity in Active Galaxies
12903	Luis	Ho	Carnegie Institution of Washington	USA	AGN	SNAP	The Evolutionary Link Between Type 2 and Type 1 Quasars
13000	Sungryong	Hong	National Optical Astronomy Observatory, AURA	USA	COS	GO	Impact of Environments on Lyman alpha Emitting Galaxies at High Redshift ($z \sim 2.7$)
12956	Catherine	Huitson	University of Exeter	UK	EXO	GO	The First Transmission Spectrum of an Eccentric Cool Jupiter
13041	Bethan	James	Space Telescope Science Institute	USA	IEG	GO	Diagnosing Ionization Mechanisms in Blue Compact Dwarfs, the Local Analogues to Primordial Galaxies
12936	Edward	Jenkins	Princeton University	USA	ISM	GO	The Physical and Dynamical Properties of Gas that Molds the Fermi Bubbles
13005	David	Jewitt	University of California - Los Angeles	USA	SS	GO	Hubble Imaging of a Newly Discovered Main Belt Comet
12913	Saurabh	Jha	Rutgers the State University of New Jersey	USA	HS	GO	The Peculiar Type Ia Supernova 2012Z: A Massive Star Progenitor?
12995	Christopher	Johns-Krull	Rice University	USA	SF	SNAP	Testing Disk Locking in the Orion Nebula Cluster
12996	Christopher	Johns-Krull	Rice University	USA	SF	GO	Exploring the Role of Stellar Magnetic Fields in Accretion and Outflows from Young Stars using the Hot Emission Lines of Herbig Ae/Be Stars
13037	Paul	Kalas	University of California - Berkeley	USA	EXO	GO	Determining the orbit of Fomalhaut b and discovering structure in the debris belt
12877	Igor	Karachentsev	Russian Academy of Sciences, Special Astrophysical Obs.	Russia	RSP	GO	Exposing the Maffei Group

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12878	Igor	Karachentsev	Russian Academy of Sciences, Special Astrophysical Obs.	Russia	RSP	GO	The Near Edge of Infall into the Virgo Cluster
13043	Oleg	Kargaltsev	University of Florida	USA	HS	GO	Multiwavelength spectra of the fine structure of the Crab
12827	Erich	Karkoschka	University of Arizona	USA	SS	AR	Comprehensive Analysis of the Atmosphere of Uranus Using ~1000 HST Images
12828	Susan	Kassin	NASA Goddard Space Flight Center	USA	USP	AR	Evolution of Early-Type Field Galaxies Since $z \sim 1$: Insight into Physical Processes at Work
12850	Patrick	Kelly	Stanford University	USA	HS	AR	Young Stellar Populations Near the Sites of Stripped-Envelope Supernovae
12842	Tae-Sun	Kim	Dept. Astronomy, University of Wisconsin-Madison	USA	QAL	AR	The evolution of intergalactic neutral hydrogen (HI) over cosmic time
12871	Lindsay	King	University of Texas at Dallas	USA	COS	GO	When Giants Collide: Mapping the Mass in the Cluster Merger Abell 2146
13046	Robert	Kirshner	Harvard University	USA	COS	GO	RAISIN: Tracers of cosmic expansion with SN IA in the IR
12898	Leon	Koopmans	Kapteyn Astronomical Institute	The Netherlands	COS	GO	Discovering the Dark Side of CDM Substructure
12840	Ralf	Kotulla	University of Wisconsin - Milwaukee	USA	USP	AR	The next generation of galaxy evolution models: A symbiosis of stellar populations and chemical abundances
12847	Mariska	Kriek	University of California - Berkeley	USA	USP	AR	Reconstructing the Lives of Massive Galaxies: From Large Clumpy Star-Forming to Compact Quiescent Galaxies?
12916	Gerard	Kriss	Space Telescope Science Institute	USA	AGN	GO	Continuing a Successful Multiwavelength Campaign: Watching the AGN Outflow from Mrk 509 with COS
12957	Andreas	Kuepper	Universitat Bonn, Argelander Institute for Astronomy	Germany	RSP	GO	The Proper Motion of Palomar 5 and its Tidal Tails
13012	Laurent	Lamy	Observatoire de Paris - Section de Meudon	France	SS	GO	Near-equinox spectro-imaging of Uranus aurorae sampling two planetary rotations
12867	Thierry	Lanz	Observatoire de la Cote d'Azur	France	HS	GO	The Wind of Massive Stars in Low-Metallicity Galaxies
12854	Nicolas	Lehner	University of Notre Dame	USA	QAL	AR	A COS Legacy Study of Circumgalactic Baryons
12981	Nicolas	Lehner	University of Notre Dame	USA	ISM	GO	Our Interstellar Backyard: Determining the Boundary Conditions for the Heliosphere
12982	Nicolas	Lehner	University of Notre Dame	USA	ISM	GO	Are the Milky Way's High Velocity Clouds Fuel for Star Formation or for the Galactic Corona?
13015	Karen	Leighly	University of Oklahoma Norman Campus	USA	AGN	GO	WPVS 007: Acceleration or Evolution in a Broad Absorption Line Outflow
13016	Karen	Leighly	University of Oklahoma Norman Campus	USA	AGN	GO	The Nature of Partial Covering in Broad Absorption Line Quasars

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12824	Claus	Leitherer	Space Telescope Science Institute	USA	USP	AR	Comprehensive Radiation-Hydrodynamic Models for Wolf-Rayet Galaxy Spectra
12915	Daniel	Lennon	Space Telescope Science Institute - ESA	USA	HS	GO	PROPER MOTIONS OF ISOLATED MASSIVE STARS NEAR THE GALACTIC CENTER
13025	Andrew	Levan	The University of Warwick	UK	HS	GO	Unveiling the progenitors of the most luminous supernovae
12975	Simon	Lilly	Eidgenossische Technische Hochschule (ETH)	Switzerland	QAL	GO	Do winds transport magnetic fields out of high redshift galaxies?
12856	Jennifer	Lotz	Space Telescope Science Institute	USA	USP	AR	An Astrostatistical Approach to Distant Galaxy Morphology
13044	Jessica	Lu	University of Hawaii	USA	SF	GO	The IMF and Internal Kinematics of the Massive Young Star Cluster, Westerlund 1
12815	Kevin	Luhman	The Pennsylvania State University	USA	CS	GO	Photometry of the Coldest Benchmark Brown Dwarf
12858	Barry	Madore	Carnegie Institution of Washington	USA	RSP	GO	A Geometric Distance to the Small Magellanic Cloud using the Expanding Supernova Remnant 1E 0102-7219
12902	Matthew	Malkan	University of California - Los Angeles	USA	COS	GO	WFC3 Infrared Spectroscopic Parallel Survey WISP: A Survey of Star Formation Across Cosmic Time
12857	Rachel	Mandelbaum	Carnegie Mellon University	USA	COS	AR	A homogeneous ACS dataset for realistic galaxy simulations
12849	Frantz	Martinache	Research Corporation of the University of Hawaii / Subaru Telescope Project	USA	CS	AR	Super-resolution detection of ultracool dwarfs in the HST/NIC1 archive
12940	Philip	Massey	Lowell Observatory	USA	HS	SNAP	The Unevolved Massive Star Content of the Magellanic Clouds
12817	Richard	Massey	University of Durham	UK	COS	GO	Longevity of dark matter substructure in Abell 3827
13034	Jon	Mauerhan	University of Arizona	USA	HS	GO	A Homunculus Around the Star NaSt1 (WR122)?
12968	Justyn	Maund	The Queen's University of Belfast	UK	HS	GO	Stellar Forensics IV: A post-explosion view of the progenitors of core-collapse supernovae
12881	Peter	McCullough	Space Telescope Science Institute	USA	EXO	GO	Spanning the chasms: re-observing the transiting exoplanet HD 189733b
12973	Curtis	McCully	Rutgers the State University of New Jersey	USA	HS	GO	UV Spectroscopy of a Peculiar White Dwarf Supernova
12992	Michael	McDonald	Massachusetts Institute of Technology	USA	SF	GO	Are Young Stars Condensing Out of the Rapidly-Cooling Intracluster Medium?
12895	Brian	McNamara	Smithsonian Institution Astrophysical Observatory	USA	AGN	GO	The Massive Black Hole in the MS0735 Brightest Cluster Galaxy

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12974	Matthew	Mechtley	Arizona State University	USA	AGN	GO	WFC3IR Imaging of UV-Faint z=6 Quasars: Star-Forming Host Galaxies of AGN in the Early Universe
13004	Margaret	Meixner	Space Telescope Science Institute	USA	IEG	GO	The Life Cycle of Dust in the Magellanic Clouds: Crucial Constraints from Zn and Cr depletions
12833	Leonidas	Moustakas	Jet Propulsion Laboratory	USA	COS	AR	The Master Lens Database and The Orphan Lenses Project
12831	John	Mulchaey	Carnegie Institution of Washington	USA	COS	AR	Groups of Galaxies in the CDFS: Tracing the Evolution of Galaxies from z=1.6 to the Present Day
13024	John	Mulchaey	Carnegie Institution of Washington	USA	QAL	SNAP	A Public Snapshot Survey of Galaxies Associated with O VI and Ne VIII Absorbers
13036	Richard	Mushotzky	University of Maryland	USA	AGN	GO	Hubble Observations of Kepler-Monitored AGN - GO orbits
12990	Adam	Muzzin	Leiden Observatory	The Netherlands	USP	GO	Size Growth at the Top: WFC3 Imaging of Ultra-Massive Galaxies at $1.5 < z < 3$
12927	Andrew	Newman	California Institute of Technology	USA	USP	GO	The role of the environment in the growth of compact red galaxies at z~2
12891	Keith	Noll	NASA Goddard Space Flight Center	USA	SS	GO	Search For Binaries Among Ultra-Slow Rotating Trojans, Hildas, and Outer Main Belt Asteroids
13038	Antonella	Nota	Space Telescope Science Institute - ESA	USA	RSP	GO	Westerlund 2, top to bottom: how massive star clusters form.
13027	Goeran	Oestlin	Stockholm University	Sweden	IEG	GO	Escape of Lyman photons from Tololo 1247-232
13001	Eran	Ofek	California Institute of Technology	USA	AGN	GO	SDSS 0921+28: A unique lensed quasar system
12960	Yoshiaki	Ono	University of Tokyo	Japan	COS	GO	The nature of star formation in two spectroscopically confirmed exceptionally-luminous galaxies beyond a redshift 7
12841	Benjamin	Oppenheimer	Universiteit Leiden	The Netherlands	QAL	AR	The Sensitive Side of Galaxy Formation: How sub-L* Galaxies Accrete, Form Stars, and Enrich the IGM
12998	Deborah	Padgett	NASA Goddard Space Flight Center	USA	ISM	GO	STIS Coronagraphy of Bright New Debris Disks from the WISE All-Sky Survey
12949	Daniel	Perley	California Institute of Technology	USA	USP	GO	Unveiling the Dusty Universe with the Host Galaxies of Obscured GRBs
12984	Ignazio	Pillitteri	Smithsonian Institution Astrophysical Observatory	USA	EXO	GO	Probing the evaporation of HD189733b atmosphere
13006	Frederic	Pont	University of Exeter	UK	EXO	GO	Measuring the Albedo of HD189733b at Optical Wavelengths
12993	Jose	Prieto	Princeton University	USA	RSP	GO	The Stellar Environment of SN 2008jb: Resolving the Nature of the Progenitor

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12835	Daniel	Proga	University of Nevada - Las Vegas	USA	AGN	AR	Thermal and Dynamical Models of Broad Line Regions in AGN - Testing Virial Estimators of Black Hole Masses.
12929	Judith	Provencal	University of Delaware	USA	HS	GO	COS Observations of Pulsating DB White Dwarfs
13011	Thomas	Puzia	Pontificia Universidad Catolica de Chile	Chile	RSP	GO	Searching for the H-alpha "Smoking Gun" of Prolonged Star Cluster Formation
12852	David	Radburn-Smith	University of Washington	USA	USP	AR	The HST Milky Way Stellar Photometry Archive
12987	Saul	Rappaport	Massachusetts Institute of Technology	USA	EXO	GO	Possible Disintegrating Short-Period Super-Mercury Orbiting KIC 12557548
12964	Marina	Rejkuba	European Southern Observatory - Germany	Germany	RSP	GO	Probing the outermost halo in a giant galaxy: is it metal-poor and where does it end?
12989	Alvio	Renzini	Osservatorio Astronomico di Padova	Italy	USP	GO	The Ultraviolet View of Globular Clusters in the Giant Elliptical M87
12851	Armin	Rest	Space Telescope Science Institute	USA	IEG	AR	Light Echoes of Supernovae and other Transients in M31
12971	Harvey	Richer	University of British Columbia	Canada	RSP	GO	Completing the Empirical White Dwarf Cooling Sequence: Hot White Dwarfs in 47 Tucanae
12879	Adam	Riess	Space Telescope Science Institute	USA	COS	GO	A 1% Measurement of the Distance Scale with Perpendicular Spatial Scanning
12880	Adam	Riess	Space Telescope Science Institute	USA	COS	GO	The Hubble Constant: Completing HST's Legacy with WFC3
12901	Aki	Roberge	NASA Goddard Space Flight Center	USA	ISM	GO	An Inventory of Gas in a Debris Disk: Far-UV Spectroscopy of 49 Ceti
12976	Ian	Roederer	Carnegie Institution of Washington	USA	CS	GO	The Most Complete Template for r-process Nucleosynthesis beyond the Solar System
12848	Robert	Rubin	NASA Ames Research Center	USA	ISM	AR	Cospatial [O III] emission with Herschel and Hubble to address the nebular abundance discrepancy problem
12945	Gregory	Rudnick	University of Kansas Center for Research, Inc.	USA	USP	GO	Spatially Resolved Observations of Gas Stripping in Intermediate Redshift Clusters and Groups
12939	Elena	Sabbi	Space Telescope Science Institute - ESA	USA	RSP	GO	Hubble Tarantula Treasury Project (HTTP: unraveling Tarantula's web)
12967	Abhijit	Saha	National Optical Astronomy Observatory, AURA	USA	COS	GO	Establishing a Network of DA White Dwarf SED Standards
12985	Kailash	Sahu	Space Telescope Science Institute	USA	CS	GO	Determining the Mass of Proxima Centauri through Astrometric Microlensing
12986	Kailash	Sahu	Space Telescope Science Institute	USA	HS	GO	Detecting Isolated Black Holes through Astrometric Microlensing

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12885	Ravi	Sankrit	Universities Space Research Association	USA	ISM	GO	Kepler's SNR: A Type Ia Supernova from a Single Degenerate System?
13040	Joachim	Saur	Universitat zu Koeln	Germany	SS	GO	Investigation of Emission Anomalies from Europa's Atmosphere: Search for Possible Plumes
12821	Claudia	Scarlata	University of Minnesota - Twin Cities	USA	COS	AR	Probing the Lyman continuum in sub-M* galaxies at z~1
12907	Peter	Schneider	Universitat Hamburg, Hamburger Sternwarte	Germany	SF	GO	Stationary components in the DG Tau jet: A new challenge for jet models?
12859	James	Schombert	University of Oregon	USA	RSP	GO	UV Imaging of LSB Galaxies
12959	Alice	Shapley	University of California - Los Angeles	USA	USP	GO	A Critical Test of the Nature of Lyman Continuum Emission at z~3
12926	Michael	Shara	American Museum of Natural History	USA	RSP	GO	Local Thermonuclear Runaways in Dwarf Novae?
12892	Yue	Shen	Smithsonian Institution Astrophysical Observatory	USA	AGN	GO	Imaging the Host Galaxies of Low-Redshift Quasars with Associated Absorbers
12825	J.	Shull	University of Colorado at Boulder	USA	AGN	AR	An AGN Composite Spectrum in the Far-Ultraviolet and Lyman Continuum
12931	Brian	Siana	University of California - Riverside	USA	COS	GO	Ultra-Faint Galaxies at the Peak Epoch of Star Formation
13039	Chris	Simpson	Liverpool John Moores University	UK	COS	GO	The environment of the z=7.085 QSO ULAS J1120+0641
12890	Edward	Sion	Villanova University	USA	HS	GO	The Unique Recurrent Nova T Pyxidis: The Decline and Transition to Quiescence
13028	Evan	Skillman	University of Minnesota - Twin Cities	USA	RSP	GO	Is the First Epoch of Star Formation in Satellite Galaxies Universal?: M31 vs. Milky Way dSphs
12924	Nathan	Smith	University of Arizona	USA	HS	GO	Measuring the Wind Properties of a Galactic SN1987A analog with COS
12946	Alicia	Soderberg	Harvard University	USA	HS	GO	What Powers Nature's Most Luminous Supernovae?
12962	William	Sparks	Space Telescope Science Institute	USA	ISM	GO	Optical Line Emission Impact Polarization: SN1006
12894	Lawrence	Sromovsky	University of Wisconsin - Madison	USA	SS	GO	Methane migration on a Uranus-class planet: symmetric or seasonal?
12899	Danny	Steehgs	The University of Warwick	UK	HS	GO	Emission line imaging of the bipolar shell in the Helium Nova V445 Puppis
12941	Ian	Stephens	University of Illinois at Urbana - Champaign	USA	SF	GO	Probing Isolated Massive Star Formation in the LMC
13008	John	Stocke	University of Colorado at Boulder	USA	QAL	GO	Probing Weak Intergalactic Absorption with Flaring Blazar Spectra
13048	Jay	Strader	Smithsonian Institution Astrophysical Observatory	USA	RSP	GO	The First Unambiguous Detection of a Distinct Metal-poor Stellar Halo in a Massive Early-type Galaxy

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13014	Michael	Strauss	Princeton University	USA	AGN	GO	The Host Galaxies of High-Luminosity Obscured Quasars at $z \sim 2.5$
12991	Veronica	Strazzullo	CEA/DSM/DAPNIA/Service d'Astrophysique	France	COS	GO	Red galaxies in CL J1449+0856 at $z=2.07$: the red sequence in the most distant galaxy cluster
12889	Sherry	Suyu	University of California - Santa Barbara	USA	COS	GO	Accurate Cosmology from Gravitational Lens Time Delays
12866	Mark	Swinbank	University of Durham	UK	COS	GO	A Morphological Study of ALMA Identified Sub-mm Galaxies with HST/WFC3
12816	David	Syphers	University of Colorado at Boulder	USA	QAL	GO	Probing the Reionization Epoch of IGM Helium: A Detailed Follow-up Study of Three High-Quality He II Quasars
12934	Clive	Tadhunter	University of Sheffield	UK	AGN	GO	The importance warm outflows in the most rapidly evolving galaxies in the local Universe
12958	Nicolas	Tejos	University of Durham	UK	QAL	GO	Large Scale Structure in Absorption up to $z \sim 0.4$
12948	Rollin	Thomas	Lawrence Berkeley National Laboratory	USA	HS	GO	Late Time STIS Spectroscopy of the Extremely Nearby Type Ia SN 2011fe
12896	Kim-Vy	Tran	Texas A & M Research Foundation	USA	USP	GO	At the Turn of the Tide: WFC3/IR Imaging and Spectroscopy of Two Galaxy Clusters at $z \sim 2$
12905	Michele	Trenti	University of Cambridge	UK	COS	GO	Unveiling the structure of the farthest galaxy protocluster: WFC3 imaging of a $z \sim 8$ galaxy overdensity
12822	Jonathan	Trump	University of California - Santa Cruz	USA	AGN	AR	Do Typical Galaxies in Adolescence Already Host Growing Black Holes?
12980	Kohji	Tsumura	Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency	Japan	COS	GO	Absolute Measurement of the Cosmic Near-Infrared Background Using Eclipsed Galilean Satellites as Occulters
13033	Jason	Tumlinson	Space Telescope Science Institute	USA	IEG	GO	COS-Halos: New FUV Measurements of Baryons and Metals in the Inner Circumgalactic Medium
13050	Remco	van den Bosch	Max-Planck-Institut fur Astronomie, Heidelberg	Germany	USP	GO	The Most Massive Black Holes in Small Galaxies
12966	Roeland	van der Marel	Space Telescope Science Institute	USA	RSP	GO	The Nature of Dark Matter: Halo Cusps or Cores from dSph internal proper motion dynamics
12888	Schuyler	Van Dyk	California Institute of Technology	USA	RSP	GO	Stellar Origins of Supernovae
12830	Enrico	Vesperini	Drexel University	USA	RSP	AR	Dynamics of Binary Stars in Multiple Population Globular Clusters
12947	Frederic	Vincent	University of California - Davis	USA	SS	GO	determination of the line-spread function of the E140H grating with the 0.2 x 0.5 slit

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12838	Risa	Wechsler	Stanford University	USA	COS	AR	Galaxy Star Formation Histories as a Function of Halo Mass and Environment across Cosmic Time
12853	Daniel	Weisz	University of Washington	USA	RSP	AR	Measuring the Ancient Star Formation Histories of the Magellanic Clouds
12978	Daniel	Welty	University of Chicago	USA	ISM	GO	Properties of Diffuse Molecular Gas in the Magellanic Clouds
12906	Klaus	Werner	University of Tuebingen	Germany	ISM	GO	Chemical composition of an exo-planetary debris disk
12820	J.	Wheeler	University of Texas at Austin	USA	HS	AR	Multidimensional Simulations of Pair-Instability Supernovae and Circumstellar Interaction
12834	Benjamin	Williams	University of Washington	USA	RSP	AR	The Masses of Supernova Remnant Progenitors
12997	Benjamin	Williams	University of Washington	USA	USP	GO	The Blue Horizontal Branch as a Reliable Tracer of Galaxy Stellar Halos
13002	Rik	Williams	Carnegie Institution of Washington	USA	USP	GO	Monsters at the Dawn of the Thermal Era: Probing the extremes of galactic mass at $z > 2.5$
12951	Aida	Wofford	Space Telescope Science Institute	USA	IEG	GO	Do Lyman-alpha photons escape from star-forming galaxies through dust-holes?
12922	Jong-Hak	Woo	Seoul National University	Korea	AGN	GO	Calibrating black hole mass estimators using the enlarged sample of reverberation-mapped AGNs
13013	Gabor	Worseck	University of California - Santa Cruz	USA	QAL	GO	How Extended was Helium II Reionization? A Statistical Census Probing Deep into the Reionization Era
12943	Yujin	Yang	Max-Planck-Institut fur Astronomie, Heidelberg	Germany	USP	GO	Testing the Cold Stream Accretion Model Using Lyman Alpha Blobs
12921	Yangsen	Yao	Eureka Scientific Inc.	USA	ISM	GO	Multiwavelength Spectroscopy of the Interstellar Medium: O and Ne Abundance ratio
12983	Ofer	Yaron	Weizmann Institute of Science	Israel	HS	GO	The active pair-instability supernova PTF10nmn: late-time photometry, host properties and precise localization.
12900	Eliot	Young	Southwest Research Institute	USA	SS	GO	Mapping the Methane and Aerosol Distributions within Titan's Troposphere: Complementing The Cassini/VIMS T90 Flyby of Titan
12826	Nadia	Zakamska	The Johns Hopkins University	USA	AGN	AR	Feeding active nuclei in gas-poor galaxies
12937	Dennis	Zaritsky	University of Arizona	USA	HS	GO	Direct Confirmation of Intracluster Stars as SN Ia Progenitors