

## ***Cycle 19 Approved Programs***

<b>Phase II</b>	<b>Firstname</b>	<b>Lastname</b>	<b>Institution</b>	<b>Country</b>	<b>Sci Cat</b>	<b>Type</b>	<b>Title</b>
12526	Katherine	Alatalo	University of California - Berkeley	USA	AGN	GO	Mapping Recent Star Formation and Dust in NGC 1266, a Local Example of AGN-driven Feedback
12654	Steven	Allen	Stanford University	USA	COS	AR	Dark Interactions: New Constraints on Self Interacting Dark Matter
12656	Jay	Anderson	Space Telescope Science Institute	USA	RSP	AR	THE ULTIMATE CATALOG OF OMEGA CENTAURI: 15-BAND PHOTOMETRY AND PROPER MOTIONS
12550	Daniel	Apai	University of Arizona	USA	CS	SNAP	Physics and Chemistry of Condensate Clouds across the L/T Transition - A SNAP Spectral Mapping Survey
12551	Daniel	Apai	University of Arizona	USA	ISM	GO	Imaging Disk-Planet Interactions in the Beta Pictoris Disk
12653	Nahum	Arav	Virginia Polytechnic Institute and State University	USA	AGN	AR	The contribution of quasar outflows to cosmological structure formation
12566	Thomas	Ayres	University of Colorado at Boulder	USA	CS	GO	Warm Coronal Rain on the young sun EK Draconis?
12567	Thomas	Ayres	University of Colorado at Boulder	USA	HS	GO	Bridging STIS's Neutral Density Desert
12511	Travis	Barman	Lowell Observatory	USA	EXO	GO	Determining the Atmospheric Properties of Directly Imaged Planets
12606	Martin	Barstow	University of Leicester	UK	HS	GO	Verifying the White Dwarf Mass-Radius relation with Sirius B and other resolved Sirius-like systems
12554	Timothy	Beers	Michigan State University	USA	CS	GO	The Origins of Carbon-Enhanced Metal-Poor Stars
12535	Susan	Benecchi	Carnegie Institution of Washington	USA	SS	GO	Orbital Refinement and Characterization of New Horizons KBO candidates
12629	George	Benedict	University of Texas at Austin	USA	RSP	AR	Restoring the POS mode Astrometric Precision of FGS-1r and a Definitive Velocity Dispersion for M35

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12625	Vardha	Bennert	University of California - Santa Barbara	USA	COS	AR	The Co-Evolution of Black Holes and Their Host Galaxies
12541	David	Bennett	University of Notre Dame	USA	EXO	GO	Measuring the Exoplanet Mass Function Beyond the Snow-Line
12539	Nils	Bergvall	Uppsala Astronomical Observatory	Sweden	COS	GO	A novel approach to find Lyman continuum leaking galaxies at $z \sim 0.3$ with COS
12632	Gurtina	Besla	Harvard University	USA	RSP	AR	Modeling the Star Formation Histories and Kinematics of the Magellanic Clouds
12510	Luc	Binette	Universidad Nacional Autonoma de Mexico (UNAM)	Mexico	AGN	GO	Quasar Ton 34 with steepest far-UV break known has entered new bal QSO phase
12513	William	Blair	The Johns Hopkins University	USA	RSP	GO	Stellar Life and Death in M83: A Hubble-Chandra Perspective
12598	Howard	Bond	Space Telescope Science Institute	USA	HS	GO	HST Observations of Astrophysically Important Visual Binaries: Calibrating Sirius and Procyon
12599	Howard	Bond	Space Telescope Science Institute	USA	ISM	GO	The Light Echoes around V838 Monocerotis
12467	Sanchayeeta	Borthakur	The Johns Hopkins University	USA	ISM	GO	Probing ISM in the Stellar Disk of Dwarf Galaxy GQ1042+0747
12522	Nicolas	Bouche	University of California - Santa Barbara	USA	COS	GO	Testing feedback with $z=1$ star-forming galaxies
12486	David	Bowen	Princeton University	USA	QAL	GO	QSO Absorption Line Systems from Dwarf Galaxies
12481	Carrie	Bridge	California Institute of Technology	USA	COS	GO	WISE-Selected Lyman-alpha Blobs: An Extreme Dusty Population at High- $z$
12631	Alyson	Brooks	California Institute of Technology	USA	USP	AR	Interpreting the Escape of Ionizing Radiation from Galaxies: Results from Simulations
12549	Thomas	Brown	Space Telescope Science Institute	USA	RSP	GO	The Formation History of the Ultra-Faint Dwarf Galaxies
12649	Adam	Burgasser	University of California - San Diego	USA	CS	AR	Shy Dimwits: A Search for Cold and Distant Brown Dwarfs in WFC3 Near-Infrared Slitless Grism Archival Data

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12626	Gabriela	Canalizo	University of California - Riverside	USA	USP	AR	Understanding Stellar Velocity Dispersion in Dusty and Dynamically Non-Quiescent Galaxies
12658	John	Cannon	Macalester College	USA	RSP	GO	Fundamental Parameters of the SHIELD Galaxies
12480	Chris	Carilli	Associated Universities, Inc.	USA	COS	GO	Characterizing a gravitational lens in the molecular Einstein ring SMG 18423+5938
12466	Jane	Charlton	The Pennsylvania State University	USA	QAL	GO	The State of High Ionization Gas in 11 Intermediate Redshift Galaxies and Their Surroundings
12644	Jane	Charlton	The Pennsylvania State University	USA	QAL	AR	Archival COS Survey of Analogs of Weak MgII Absorbers in the Present
12630	Christine	Chen	Space Telescope Science Institute	USA	EXO	AR	Are Dust Grains in Debris Disks Porous Aggregates?
12646	Christopher	Churchill	New Mexico State University	USA	QAL	AR	Absorption Line Analysis to Interpret and Constrain Cosmological Simulations of Galaxy Evolution with Feedback
12538	John	Clarke	Boston University	USA	SS	GO	Detection of Hot (Escaping?) Hydrogen in the Martian Atmosphere
12562	Geoffrey	Clayton	Louisiana State University and A & M College	USA	IEG	GO	The UV Interstellar Extinction Properties in the Super-Solar Metallicity Galaxy M31
12523	Charlie	Conroy	Harvard University	USA	USP	GO	Dissecting the integrated light of a massive elliptical galaxy with pixel-to-pixel fluctuations: is the IMF bottom-heavy?
12476	Kem	Cook	Lawrence Livermore National Laboratory	USA	COS	GO	Measuring the Hubble Flow Hubble Constant
12547	Michael	Cooper	University of California - Irvine	USA	SF	GO	Measuring the Star-Formation Efficiency of Galaxies at $z > 1$ with Sizes and SFRs from HST Grism Spectroscopy
12465	Paul	Crowther	University of Sheffield	UK	HS	GO	A Massive Star Census of the Starburst Cluster R136

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12544	Michael	Cushing	Jet Propulsion Laboratory	USA	CS	GO	Confirming Ultra-cold (Teff < 500K) Brown Dwarf Suspects Identified with WISE
12478	Jeffrey	Cuzzi	NASA Ames Research Center	USA	SS	GO	The Mysterious Redness of Saturn's Rings
12555	Robert	da Silva	University of California - Santa Cruz	USA	AGN	GO	On the Triggering of Quasars During First Passage
12641	Charles	Danforth	University of Colorado at Boulder	USA	QAL	AR	Exploring the Galactic Damped Lyman alpha Absorber with Antipodal Sight Lines
12633	Fabio	De Colle	University of California - Santa Cruz	USA	SF	AR	On the structure and origin of HH jets.
12491	Andrea	De Luca	Instituto Universitario de Studi Superiori Pavia	Italy	HS	GO	Imaging the Crab nebula when it is flaring in gamma-rays
12495	Drake	Deming	NASA Goddard Space Flight Center	USA	EXO	GO	Near-IR Spectroscopy of the Hottest Known Exoplanet, WASP-33b
12482	Jean-Michel	Desert	Harvard University	USA	EXO	GO	Relative atmospheric compositions and metallicities of a multi-planet system
12602	Andrea	Dieball	University of Southampton	UK	RSP	GO	Beyond the Hydrogen-burning limit: Deep IR observations of the Globular Clusters M4 and NGC6397
12600	Reginald	Dufour	Rice University	USA	ISM	GO	Carbon and Nitrogen Enrichment Patterns in Planetary Nebulae
12563	Trent	Dupuy	Harvard University	USA	CS	GO	Very Low-Mass Pleiades Binaries
12494	Martin	Durant	University of Florida	USA	HS	GO	Thermal emission from the famous double pulsar J0737-3039
12498	Richard	Ellis	California Institute of Technology	USA	COS	GO	Did Galaxies Reionize the Universe?
12595	Michael	Eracleous	The Pennsylvania State University	USA	AGN	GO	Unraveling the LINER Conspiracy
12471	Dawn	Erb	University of Wisconsin - Milwaukee	USA	QAL	GO	The Bottom of the Iceberg: Faint $z \sim 2$ Galaxies and the Enrichment of the IGM
12651	Jessica	Evans	University of Illinois at Urbana - Champaign	USA	RSP	AR	Anatomy of Starbursts in Extragalactic Giant HII Regions

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12487	Xiaohui	Fan	University of Arizona	USA	COS	GO	Probing Population III Star Formation in a z=7 Galaxy
12548	Jay	Farihi	University of Leicester	UK	EXO	GO	Constraining Planet Formation in the Unique Evolved Binary HR 637 (GJ 86)
12516	Francesco	Ferraro	Universita di Bologna	Italy	HS	GO	COSMIC-LAB: Double BSS sequences as signatures of the Core Collapse phenomenon in star clusters.
12517	Francesco	Ferraro	Universita di Bologna	Italy	RSP	GO	COSMIC-LAB: Hunting for optical companions to binary MSPs in Globular Clusters
12609	Robert	Fesen	Dartmouth College	USA	IEG	GO	Imaging the Distribution of Iron in SN 1885 in M31
12530	Alex	Filippenko	University of California - Berkeley	USA	HS	GO	Early-Time UV Spectroscopy of a Stripped-Envelope Supernova: A New Window
12531	Alex	Filippenko	University of California - Berkeley	USA	HS	GO	Tracking the Continuing Evolution of SN 1993J with COS and WFC3
12623	Alex	Filippenko	University of California - Berkeley	USA	USP	AR	The Local Environments of Supernovae from Archival HST Images
12592	Ryan	Foley	Smithsonian Institution Astrophysical Observatory	USA	HS	GO	Understanding the Progenitor Systems, Explosion Mechanisms, and Cosmological Utility of Type Ia Supernovae
12578	N.	Forster Schreiber	Max-Planck-Institut fur extraterrestrische Physik	Germany	COS	GO	Constraints on the Mass Assembly and Early Evolution of z~2 Galaxies: Witnessing the Growth of Bulges and Disks
12604	Andrew	Fox	University of Cambridge	UK	ISM	GO	Ionization in the Magellanic Stream: A Case Study of Galactic Accretion
12464	Kevin	France	University of Colorado at Boulder	USA	EXO	GO	Project MUSCLES: Measuring the Ultraviolet Spectral Characteristics in Low-mass Exoplanetary Systems
12502	Andrew	Fruchter	Space Telescope Science Institute	USA	COS	GO	From the Locations to the Origins of Short Gamma-Ray Bursts
12620	Cesar	Fuentes	Northern Arizona University	USA	SS	AR	Trans-neptunian Objects in WFC3 archival fields

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12553	Johan	Fynbo	University of Copenhagen, Niels Bohr Institute	Denmark	QAL	GO	Detecting the stellar continuum of the galaxy counterparts of three $z > 2$ Damped Lyman-alpha Absorbers
12474	Boris	Gaensicke	The University of Warwick	UK	EXO	SNAP	The frequency and chemical composition of rocky planetary debris around young white dwarfs
12591	Elena	Gallo	University of Michigan	USA	AGN	SNAP	A Chandra/HST census of accreting black holes and nuclear star clusters in the local universe
12587	Miriam	Garcia	Instituto de Astrofisica de Canarias	Spain	HS	GO	Winds of very low metallicity OB stars: crossing the frontier of the Magellanic Clouds
12614	Orly	Gnat	California Institute of Technology	USA	QAL	GO	Are the Ultra-Compact High-Velocity Clouds Mini-halos? Constraints from Quasar Absorption Lines
12655	Orly	Gnat	California Institute of Technology	USA	QAL	AR	Detectable UV Absorption-Signatures from the Missing Baryons: Shock Models for Interpreting COS Observations
12503	Oleg	Gnedin	University of Michigan	USA	RSP	GO	The True Origin of Hypervelocity Stars
12575	Anthony	Gonzalez	University of Florida	USA	USP	GO	New Constraints on Intragroup Light and the Baryon Budget in Galaxy Groups
12634	Anthony	Gonzalez	University of Florida	USA	USP	AR	New Constraints on Intracluster Light and the Baryon Budget in Massive Galaxy Clusters
12582	Ariel	Goobar	Stockholm University	Sweden	COS	GO	Probing the explosion environment and origin of Type Ia supernovae
12556	Karl	Gordon	Space Telescope Science Institute	USA	IEG	GO	Investigating the Enigmatic Ultraviolet 2175 A Extinction Feature and Correlation with Infrared Aromatic/PAH emission in M101
12628	Fabio	Governato	University of Washington	USA	COS	AR	Cosmological simulations of the formation and evolution of bulges, pseudo bulges and bulgeless galaxies.
12624	Caitlin	Griffith	University of Arizona	USA	SS	AR	Tracking Titan's Circulation

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12509	Martin	Guerrero	Instituto de Astrofisica de Andalucia (IAA)	Spain	ISM	GO	Peering into the Cat's Eye with STIS
12508	Theodore	Gull	NASA Goddard Space Flight Center	USA	ISM	GO	Constraining the evolutionary state of the hot, massive companion star and the wind-wind collision region in Eta Carinae
12557	Kayhan	Gultekin	University of Michigan	USA	AGN	GO	Low-Mass Black Holes and CIV in Low-Luminosity AGN
12463	Heidi	Hammel	Space Science Institute	USA	SS	GO	Target of Opportunity Imaging of an Unusual Cloud Feature on Uranus
12532	William	Harris	McMaster University	Canada	RSP	GO	The Scale Sizes of Globular Clusters: Tidal Limits, Evolution, and the Outer Halo
12617	Thomas	Harrison	New Mexico State University	USA	HS	AR	Fine Guidance Sensor Parallaxes for Four Classical Novae
12583	Matthew	Hayes	Observatoire Midi-Pyrenees	France	IEG	GO	Spectro-LARS: ISM Kinematics of the Lyman-alpha Reference Sample
12603	Timothy	Heckman	The Johns Hopkins University	USA	QAL	GO	Understanding the Gas xCycle in Galaxies: Probing the Circumgalactic Medium
12477	Fredrick	High	University of Chicago	USA	COS	GO	Weak lensing masses of the highest redshift galaxy clusters from the South Pole Telescope SZ survey
12640	D.	Hillier	University of Pittsburgh	USA	HS	AR	Advancing Spectroscopic Analyses of Hot Stars and Supernovae
12579	Joanna	Holt	Sterrewacht Leiden	Netherlands	AGN	GO	AGN feedback in young, radio-loud AGN
12497	Sungryong	Hong	University of Massachusetts	USA	IEG	GO	Constraining Stellar Feedback : A Census of Shock-ionized Gas in Nearby Starbursts Galaxies.
12479	Esther	Hu	University of Hawaii	USA	COS	GO	Low-z Analogs of High Redshift Lyman Alpha Emitters
12613	Knud	Jahnke	Max-Planck-Institut fur Astronomie, Heidelberg	Germany	AGN	SNAP	Are major galaxy mergers a significant mechanism to trigger massive black hole growth at z=2?
12561	Wei-Chun	Jao	Georgia State University Research Foundation	USA	RSP	GO	The Weight-Watch Program for Subdwarfs

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12597	David	Jewitt	University of California - Los Angeles	USA	SS	GO	Hubble Imaging of a Newly Discovered Main Belt Comet
12616	Linhua	Jiang	Arizona State University	USA	COS	GO	Near-IR Imaging of the Most Distant Spectroscopically-Confirmed Galaxies in the Subaru Deep Field
12560	Roderick	Johnstone	University of Cambridge	UK	IEG	GO	COS spectra of a Filament in NGC1275 - Testing the Particle Heating Mechanism
12576	Paul	Kalas	University of California - Berkeley	USA	EXO	GO	Orbit determination for Fomalhaut b and the origin of the debris belt halo
12500	Sugata	Kaviraj	Imperial College of Science Technology and Medicine	UK	USP	GO	High-resolution UV studies of SAURON galaxies with WFC3: constraining recent star formation and its drivers in local early-type galaxies
12525	William	Keel	University of Alabama	USA	AGN	GO	Giant Ionized Clouds Around Local AGN - Obscuration and History
12552	Lisa	Kewley	University of Hawaii	USA	IEG	GO	Shock Energy in Merging Systems: The Elephant in the Room.
12540	Robert	Kirshner	Harvard University	USA	HS	GO	UV Studies of a Core Collapse Supernova
12647	Anatoly	Klypin	New Mexico State University	USA	COS	AR	Galaxy formation in LCDM: numerical models for CANDELS project
12490	Jin	Koda	State University of New York at Stony Brook	USA	IEG	GO	The WFC3 Mosaic of The Star-Forming Galaxy M51 in Paschen beta
12642	Vera	Kozhurina-Platais	Space Telescope Science Institute	USA	RSP	AR	The Nature and Origin of Multiple Populations in Magellanic Clouds Stellar Clusters.
12506	Adam	Kraus	University of Hawaii	USA	SF	GO	A Precise Mass-Luminosity-Temperature Relation for Young Stars
12507	Adam	Kraus	University of Hawaii	USA	SF	GO	The Formation and Fundamental Properties of Wide Planetary-Mass Companions
12536	Varsha	Kulkarni	University of South Carolina Research Foundation	USA	QAL	GO	Sub-damped Lyman-alpha Absorbers at $z < 0.6$ : An Unexplored Terrain in the Quest for Cosmic Metals



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12601	Laurent	Lamy	Observatoire de Paris - Section de Meudon	France	SS	GO	HST STIS/ACS observations of the aurorae of Uranus during active solar wind conditions
12472	Claus	Leitherer	Space Telescope Science Institute	USA	IEG	GO	CCC - The Cosmic Carbon Conundrum
12499	Daniel	Lennon	Space Telescope Science Institute - ESA	USA	RSP	GO	Proper Motions of Massive Stars in 30 Doradus
12574	Douglas	Leonard	San Diego State University	USA	RSP	GO	The Final Word on the Progenitor of the Type II-Plateau Supernova SN 2006ov
12504	Michael	Liu	University of Hawaii	USA	CS	GO	Bridging the Brown Dwarf/Jupiter Temperature Gap with a Very Cold Brown Dwarf
12521	Xin	Liu	Harvard University	USA	AGN	SNAP	The Frequency and Demographics of Dual Active Galactic Nuclei
12462	Knox	Long	Space Telescope Science Institute	USA	ISM	GO	The Remarkable Young Supernova Remnant in NGC 4449
12571	Peter	Lundqvist	Stockholm University	Sweden	ISM	GO	The Crab Halo
12515	Dougal	Mackey	Australian National University	Australia	RSP	GO	Probing the outer limits of a galactic halo - deep imaging of exceptionally remote globular clusters in M31
12485	Juan	Madrid	Swinburne University of Technology	Australia	AGN	GO	Extreme Variability, Proper Motions and High Energy Emission in the M87 Jet
12657	Sangeeta	Malhotra	Arizona State University	USA	USP	AR	Gravity's Microscope: Probing fine structure of $z \sim 1-2$ galaxies stretched into arcs by lensing.
12568	Matthew	Malkan	University of California - Los Angeles	USA	COS	GO	WFC3 Infrared Spectroscopic Parallel Survey
12533	Crystal	Martin	University of California - Santa Barbara	USA	IEG	GO	WISP: A Survey of Star Formation Across Cosmic Time
12489	Derck	Massa	Space Telescope Science Institute	USA	HS	GO	Escape of Lyman-Alpha Photons from Dusty Starbursts
12528	Philip	Massey	Lowell Observatory	USA	HS	GO	The Origin of Wind Variability in CSPNe and its Connection to OB Star Wind Variability.
							Probing the Nature of LBVs in M31 and M33: Blasts from the Past

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12492	Robert	Mathieu	University of Wisconsin - Madison	USA	CS	GO	The Nature of the Binary Companions to the Blue Stragglers in the Old Open Cluster NGC 188
12559	Justyn	Maund	University of Copenhagen, Niels Bohr Institute	Denmark	HS	GO	Stellar Forensics III: A post-explosion view of the progenitors of core-collapse supernovae
12501	Stephan	McCandliss	The Johns Hopkins University	USA	IEG	GO	COS G140L CENWAV = 800, a gapless low astigmatism mode for observations to the Lyman Limit
12493	Ian	McGreer	University of Arizona	USA	AGN	GO	A Candidate Lensed Quasar at $z=6.25$
12636	Bahram	Mobasher	University of California - Riverside	USA	COS	AR	Galaxy Evolution Studies from High Precision Panchromatic Photometry of Hubble and Spitzer Survey Fields
12488	Mattia	Negrello	Open University	UK	COS	SNAP	SNAPSHOT observations of gravitational lens systems discovered via wide-field Herschel imaging
12594	Edmund	Nelan	Space Telescope Science Institute	USA	HS	GO	The White Dwarf Mass-Radius Relation Based on Dynamical Masses: STIS Observations of Close Double Degenerates
12593	Daniel	Nestor	University of California - Los Angeles	USA	QAL	GO	A Survey of Atomic Hydrogen at $0.2 < z < 0.4$
12468	Keith	Noll	Space Telescope Science Institute	USA	SS	SNAP	How Fast Did Neptune Migrate? A Search for Cold Red Resonant Binaries
12573	Deborah	Padgett	California Institute of Technology	USA	ISM	GO	STIS Coronagraphy of New Debris Disks from the WISE All-Sky Survey
12590	Casey	Papovich	Texas A & M Research Foundation	USA	USP	GO	Galaxy Assembly at High Densities: HST Dissection of a Cluster at $z=1.62$
12518	Quentin	Parker	Macquarie University	Australia	RSP	GO	A New Lead on the White Dwarf Initial-to-Final Mass Relation
12505	Steven	Penton	University of Colorado at Boulder	USA	QAL	GO	COS observations below $1150 \text{ \AA}$ with R > 10,000: Calibrations for a new G130M/1222 central wavelength

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12565	Ruth	Peterson	Astrophysical Advances	USA	RSP	GO	Primordial Carbon Abundances in Extremely Metal-Poor Stars
12585	Sara	Petty	University of California - Los Angeles	USA	USP	SNAP	Unveiling the Physical Structures of the Most Luminous IR Galaxies Discovered by WISE at $z > 1.6$
12643	Matthew	Pieri	University of Colorado at Boulder	USA	COS	AR	Probing the Warm-Hot Intergalactic Medium using Weak, Distributed Metal Absorption
12605	Giampaolo	Piotto	Universita di Padova	Italy	RSP	GO	Advances in Understanding Multiple Stellar Generations in Globular Clusters
12608	Moire	Prescott	University of California - Santa Barbara	USA	USP	GO	Small-scale Morphology and Continuum Colors of Giant Lya Nebulae
12520	Charles	Proffitt	Space Telescope Science Institute	USA	HS	GO	Testing Rotational Mixing in Massive Stars: Boron in the Galactic Open Cluster NGC 3293
12524	Robert	Quimby	California Institute of Technology	USA	HS	GO	Enabling High-z Discoveries Through UV Spectroscopy of Low-Redshift Super-Luminous Supernovae
12545	John	Raymond	Smithsonian Institution Astrophysical Observatory	USA	ISM	GO	Dust Destruction in the ISM: The Cygnus Loop Blast Wave
12475	Seth	Redfield	Wesleyan University	USA	EXO	GO	Cool Star Winds and the Evolution of Exoplanetary Atmospheres
12584	Amy	Reines	The University of Virginia	USA	AGN	GO	Confirming the First Supermassive Black Hole in a Dwarf Starburst Galaxy
12580	Alvio	Renzini	Osservatorio Astronomico di Padova	Italy	RSP	GO	A 'Rosetta Stone' to Interpret the UV-HST Photometry of Multiple Stellar Populations in Globular Clusters
12577	Armin	Rest	Space Telescope Science Institute	USA	ISM	GO	Spectral Time Series of the Cas A Supernova
12589	Noel	Richardson	Georgia State University Research Foundation	USA	HS	GO	The Current Ultraviolet Spectrum of S Doradus: As Hot as it Gets

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12610	Stephen	Ridgway	National Optical Astronomy Observatory, AURA	USA	CS	GO	Convection and mass loss through the chromosphere of Betelgeuse
12627	Erica	Rodgers	Space Science Institute	USA	SF	AR	Probing the early evolution of dust grains through detailed YSO models
12581	Julia	Roman-Duval	Space Telescope Science Institute	USA	IEG	GO	A Direct CO/H2 Abundance Measurement in Diffuse and Translucent LMC and SMC Molecular Clouds
12619	Philip	Rosenfield	University of Washington	USA	RSP	AR	Placing Observational Constraints on Massive Star Models
12543	Robert	Rubin	NASA Ames Research Center	USA	ISM	GO	Fine-scale Density, Temperature, and Ionization Fluctuations: Their Effect on Abundance Determinations
12469	Pilar	Ruiz-Lapuente	Universidad de Barcelona	Spain	HS	GO	High-Precision Proper Motion Measurements of the Stars in the Field of SN 1572 with WFC3/UVIS
12519	Raghvendra	Sahai	Jet Propulsion Laboratory	USA	CS	SNAP	Newly Discovered LMC Preplanetary Nebulae as Probes of Stellar Evolution
12586	Kailash	Sahu	Space Telescope Science Institute	USA	HS	GO	Detecting and Measuring the Masses of Isolated Black Holes and Neutron Stars through Astrometric Microlensing
12588	Kailash	Sahu	Space Telescope Science Institute	USA	CS	GO	Accurate Mass Determination of the Old White Dwarf GJ 3392 through Astrometric Microlensing
12615	Olivier	Schnurr	Astrophysikalisches Institut Potsdam	Germany	HS	GO	Weighing the most luminous main-sequence star in the Galaxy
12484	Gregory	Schwarz	American Astronomical Society	USA	HS	GO	STIS UV spectroscopy of a bright nova during its super soft X-ray phase
12611	Anil	Seth	Smithsonian Institution Astrophysical Observatory	USA	USP	GO	Weighing the Low Mass Central Black Hole in NGC404
12639	Isaac	Shlosman	University of Kentucky	USA	USP	AR	The Corollaries of the Ultra-Compact Nuclear Rings in Disk Galaxies

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12527	Brian	Siana	California Institute of Technology	USA	COS	GO	Resolving Lyman Continuum Emission from Ly $\alpha$ -Emitters
12473	David	Sing	University of Exeter	UK	EXO	GO	An Optical Transmission Spectral Survey of hot-Jupiter Exoplanetary Atmospheres
12618	Nathan	Smith	University of Arizona	USA	HS	AR	Reconstructing the outburst history of Eta Carinae from WFPC2 proper motions
12542	Theodore	Snow	University of Colorado at Boulder	USA	ISM	GO	A Multispectral Survey of the Translucent Cloud in front of HD 204827
12529	Alicia	Soderberg	Harvard University	USA	RSP	GO	What Powers Nature's Most Luminous Supernovae?
12652	Remi	Soummer	Space Telescope Science Institute	USA	EXO	AR	Exoplanet Search in the HST NICMOS coronagraphic archive
12635	William	Sparks	Space Telescope Science Institute	USA	AGN	AR	The Complete Velocity Field of the M87 Optical Jet
12514	Karl	Stapelfeldt	Jet Propulsion Laboratory	USA	SF	GO	Imaging Newly-identified Edge-on Protoplanetary Disks in Nearby Star-Forming Regions
12637	Karl	Stapelfeldt	Jet Propulsion Laboratory	USA	SF	AR	Fourteen Years of Proper Motions in the HH30 Protostellar Jet
12612	John	Stocke	University of Colorado at Boulder	USA	QAL	GO	Probing Weak Intergalactic Absorption with Flaring Blazar Spectra
12558	Nial	Tanvir	University of Leicester	UK	COS	GO	Identifying and studying gamma-ray bursts at very high redshifts
12534	Harry	Teplitz	California Institute of Technology	USA	COS	GO	The Panchromatic Hubble Ultra Deep Field: Ultraviolet Coverage
12470	Kim-Vy	Tran	Texas A & M Research Foundation	USA	USP	GO	Super-Group 1120-1202: A Unique Laboratory for Tracing Galaxy Evolution in an Assembling Cluster at $z=0.37$
12572	Michele	Trenti	University of Colorado at Boulder	USA	USP	GO	The Brightest of Reionizing Galaxies Pure Parallel Survey
12546	R.	Tully	University of Hawaii	USA	RSP	SNAP	The Geometry and Kinematics of the Local Volume

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<b>Phase II</b>	<b>Firstname</b>	<b>Lastname</b>	<b>Institution</b>	<b>Country</b>	<b>Sci Cat</b>	<b>Type</b>	<b>Title</b>
12638	Claudia	Urry	Yale University	USA	AGN	AR	AGN Hosts at $z \sim 2$ : The Role of Morphology in the Co-Evolution of Black Holes and Galaxies
12564	Roeland	van der Marel	Space Telescope Science Institute	USA	RSP	GO	Proper Motions along the Sagittarius Stream: Constraining Milky Way Parameters and Dark Halo Shape
12648	Roeland	van der Marel	Space Telescope Science Institute	USA	RSP	AR	Characterization and Modeling of Mass Segregation and Intermediate-Mass Black Holes in Globular Clusters
12569	Sylvain	Veilleux	University of Maryland	USA	AGN	GO	Ionized and Neutral Outflows in the QUEST QSOs
12570	Sylvain	Veilleux	University of Maryland	USA	IEG	GO	Deep FUV Imaging of Cool Cores in Galaxy Clusters
12537	Alfred	Vidal-Madjar	CNRS, Institut d'Astrophysique de Paris	France	EXO	GO	Venus observed as an extrasolar planet
12659	Joaquin	Vieira	California Institute of Technology	USA	COS	GO	Strongly Lensed Dusty Star Forming Galaxies: Probing the Physics of Massive Galaxy Formation
12496	Ran	Wang	University of Arizona	USA	AGN	GO	A Quasar-Starburst Merger System at $z=6.2$ ?
12607	Harold	Weaver	The Johns Hopkins University Applied Physics Laboratory	USA	SS	GO	Using Hubble to Measure Volatile Abundances and the D/H Ratio in a Bright ToO Comet
12650	Risa	Wechsler	Stanford University	USA	COS	AR	Massive Galaxy Clusters at High Redshift: A Challenge to $\Lambda$ CDM or to Cluster Mass Calibration?
12512	Alycia	Weinberger	Carnegie Institution of Washington	USA	EXO	GO	Debris Disk Chemistry from Spatially Resolved Spectroscopy
12622	Daniel	Weisz	University of Washington	USA	RSP	AR	Measuring the Star Formation History Of Omega Centauri
12483	Klaus	Werner	Universitat Tubingen, Institut fur Astronomie & Astrophysik	Germany	HS	GO	What is the origin of the hottest known white dwarf?

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12645	Arthur	Wolfe	University of California - San Diego	USA	QAL	AR	H I Selected Survey for Damped Lyman alpha systems with $z < 1$
12596	Brian	Wood	Naval Research Laboratory	USA	CS	GO	In Search of a Young Solar Wind
12621	Andreas	Zezas	Smithsonian Institution Astrophysical Observatory	USA	RSP	AR	Dissecting the accreting binary populations in nearby spiral galaxies