

Cycle 22 Approved Programs

Phase II	First Name	Last Name	Institution	Country	Type	Resources	Title
13661	Matthew	Auger	University of Cambridge	GBR	GO	14	A SHARP View of the Structure and Evolution of Normal and Compact Early-type Galaxies
13908	Jeremy	Bailin	University of Alabama	USA	AR		A Clumpy Model for Self-Enrichment in Globular Clusters
13911	Travis	Barman	University of Arizona	USA	AR		Modeling the Extreme Ultraviolet Radiation from M dwarfs
13662	Aaron	Barth	University of California - Irvine	USA	GO	6	Measuring the Black Hole Mass in the Brightest Cluster Galaxy NGC 1275
13639	Matthew	Bayliss	Harvard University	USA	GO	15	Resolving Lyman-alpha Emission On Physical Scales < 270 pc at $z > 4$
13748	Luigi	Bedin	Osservatorio Astronomico di Padova	ITA	GO	11	Astrometric search for Planets in the closest Brown Dwarf Binary system Luhman 16AB
13687	Alessandra	Beifiori	Universitats-Sternwarte Munchen	DEU	GO	4	Unveiling the mass-to-light distribution of high-redshift clusters
13663	Susan	Benecchi	Planetary Science Institute	USA	GO	4	Precise Orbit Determination for a New Horizons KBO
13664	Susan	Benecchi	Planetary Science Institute	USA	GO	8	Origin and Composition of the Ultra-Red Kuiper Belt Objects
13721	Robert	Benjamin	University of Wisconsin - Whitewater	USA	GO	14	The Windy Milky Way Galaxy
13665	Bjoern	Benneke	California Institute of Technology	USA	GO	124	Exploring the Diversity of Exoplanet Atmospheres in the Super-Earth Regime
13896	Andrew	Benson	Carnegie Institution of Washington	USA	AR		Going out with a bang or a whimper? Star formation and quenching in the Local Group's satellite galaxies
13816	Misty	Bentz	Georgia State University Research Foundation	USA	GO	14	High-Resolution Imaging of Active Galaxies with Direct Black Hole Mass Measurements
13916	Eric	Blackman	University of Rochester	USA	AR		Triggered Star Formation From Shock to Disk
13851	Howard	Bond	The Pennsylvania State University	USA	GO	4	The Origin of Intermediate-Luminosity Red Transients
13852	Rongmon	Bordoloi	Space Telescope Science Institute	USA	GO	34	How Galaxy Mergers Affect Their Environment: Mapping the Multiphase Circumgalactic Medium of Close Kinematic Pairs
13792	Rycharad	Bouwens	Universiteit Leiden	NLD	GO	11	A Complete Census of the Bright $z \sim 9-10$ Galaxies in the CANDELS Data Set
13749	David	Bowen	Princeton University	USA	GO	26	Baryon Structures Around Nearby Galaxies: Using an Edge-On Disk to Assess Inflow/Outflow Models
13793	Rebecca	Bowler	Royal Observatory Edinburgh	GBR	GO	17	Unveiling the merger fraction, sizes and morphologies of the brightest $z \sim 7$ galaxies

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13888	Michael	Boylan-Kolchin	University of Maryland	USA	AR		Star Formation Histories of Dwarf Galaxies: Keys to Galaxy Formation and Dark Matter Structure
13666	Marusa	Bradac	University of California - Davis	USA	GO	5	The power of the great observatories: Investigating stellar properties out to $z \sim 10$ with HST and Spitzer
13817	Thomas	Brown	Space Telescope Science Institute	USA	GO	2	A Direct Distance to an Ancient Metal-Poor Star Cluster
13640	Esther	Buenzli	Max-Planck-Institut fur Astronomie, Heidelberg	DEU	GO	5	A direct probe of cloud holes at the L/T transition
13667	Marc	Buie	Southwest Research Institute	USA	GO	40	Observations of the Pluto System During the New Horizons Encounter Epoch
13668	Marc	Buie	Southwest Research Institute	USA	GO	8	Deep Search for Small Satellites of Eris and Makemake
13894	Joseph	Burchett	University of Massachusetts - Amherst	USA	AR		A Deep Survey of Low-Redshift Absorbers and Their Connections with Galaxies: Probing the Roles of Dwarfs, Satellites, and Large-Scale Environment
13818	Zheng	Cai	University of Arizona	USA	GO	6	Probing Quasar Host Galaxy of a Quasar at $z=2.1$ with Damped Lyman Alpha System as Coronagraph
13881	Nuria	Calvet	University of Michigan	USA	AR		The formation of Lyman alpha fluorescent H ₂ lines in protoplanetary disks surrounding young solar mass stars
13750	John	Cannon	Macalester College	USA	GO	18	Fundamental Parameters of the SHIELD II Galaxies
13641	Peter	Capak	California Institute of Technology	USA	GO	28	A Detailed Dynamical And Morphological Study Of $5 < z < 6$ Star, Dust, and Galaxy Formation With ALMA And HST
13669	Marcella	Carollo	Eidgenossische Technische Hochschule (ETH)	CHE	GO	43	The star-formation histories within clumpy disks at $z \sim 2.2$
13688	Marco	Castellano	INAF, Osservatorio Astronomico di Roma	ITA	GO	16	A clear patch in the dark age Universe? Looking for reionization sources around two bright Ly-alpha emitting galaxies at $z=7$
13853	Stephen	Cenko	NASA Goddard Space Flight Center	USA	GO	16	UV Spectroscopy of Newly Discovered Tidal Disruption Flares
13854	Stephen	Cenko	NASA Goddard Space Flight Center	USA	GO	9	Characterizing New Fast Optical Transients with HST: Astrometry, Geometry, and Host Galaxies
13773	Rupali	Chandar	University of Toledo	USA	GO	32	H-alpha LEGUS: Unveiling the Interplay Between Stars, Star Clusters, and Ionized Gas
13855	Elodie	Choquet	Space Telescope Science Institute	USA	GO	4	STIS Coronagraphy of a Debris Disk Newly Discovered Around a Young M Dwarf
13794	John	Clarke	Boston University	USA	GO	12	Seasonal Dependence of the Escape of Water from the Martian Atmosphere

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13795	John	Clarke	Boston University	USA	GO	4	HST Observations of Comet-Induced Aurora on Mars during the Siding Spring Encounter
13886	Asantha	Cooray	University of California - Irvine	USA	AR		Behind the Mask: Are First-Light Galaxies or Intrahalo-Light Stars Dominating the Unresolved IR background Fluctuations?
13856	Denija	Crnojevic	Texas Tech University	USA	GO	15	Resolving the faint end of the satellite luminosity function for the nearest elliptical Centaurus A
13796	Arlin	Crotts	Columbia University in the City of New York	USA	GO	11	Understanding New Structures Ejected from Recurrent Nova T Pyx
13857	Julianne	Dalcanton	University of Washington	USA	GO	12	Emission Line Stars in Andromeda
13858	Annalisa	De Cia	Weizmann Institute of Science	ISR	GO	4	The environment of the rarest and most energetic supernovae: do pair-instability explosions exist in the nearby Universe?
13751	Andrea	De Luca	INAF - IASF Milano	ITA	GO	4	Imaging the Crab nebula when it is flaring in gamma-rays
13722	Ernst	de Mooij	University of Toronto	CAN	GO	10	Characterising the atmosphere of the super-Earth 55Cnc e
13670	Imke	de Pater	University of California - Berkeley	USA	GO	2	Giant impacts on giant planets
13752	John	Debes	Space Telescope Science Institute	USA	GO	3	An autopsy of dead planetary systems with COS
13753	John	Debes	Space Telescope Science Institute	USA	GO	8	Pushing to 8 AU in the archetypal protoplanetary disk of TW Hya
13642	Nathalie	Degenaar	University of Michigan	USA	GO	6	The evolutionary link between low-mass X-ray binaries and millisecond radio pulsars
13689	Aleksandar	Diamond-Stanic	University of Wisconsin - Madison	USA	GO	24	How Compact is the Stellar Mass in Eddington-Limited Starbursts?
13690	Tanio	Diaz-Santos	California Institute of Technology	USA	GO	24	Tracking the Obscured Star Formation Along the Complete Evolutionary Merger Sequence of LIRGs
13754	Jeremy	Drake	Smithsonian Institution Astrophysical Observatory	USA	GO	4	The first mass and angular momentum loss measurements for a CV-like binary
13643	Gaspard	Duchene	University of California - Berkeley	USA	GO	6	Imaging the tenuous dusty atmosphere of edge-on protoplanetary disks
13819	Trent	Dupuy	University of Texas at Austin	USA	GO	6	Dynamical Masses for Free-Floating Planetary-Mass Binaries
13671	Harald	Ebeling	University of Hawaii	USA	SNAP	135	Beyond MACS: A Snapshot Survey of the Most Massive Clusters of Galaxies at $z > 0.5$

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13820	David	Ehrenreich	Observatoire de Geneve	CHE	GO	15	Search for an evaporating ocean on the super-Earth HD 97658b
13774	Sara	Ellison	University of Victoria	CAN	GO	52	Feeding and feedback: The impact of AGN on the circumgalactic medium.
13723	Bruce	Elmegreen	IBM T.J. Watson Research Center	USA	GO	5	Multiband Observations of a Local Tadpole Galaxy
13775	Catherine	Espallat	Boston University	USA	GO	6	Testing EUV Photoevaporation Models in Young Disks
13821	Andrew	Fabian	University of Cambridge	GBR	GO	13	H-alpha Filaments and Feedback in NGC4696 at the centre of the Centaurus cluster
13644	Xiaohui	Fan	University of Arizona	USA	GO	14	CIII] Emission in z=5.7 Galaxies: A Pathfinder for Galaxy Spectroscopy in the Reionization Era
13645	Xiaohui	Fan	University of Arizona	USA	GO	11	Galactic Environment of A Twenty-Billion Solar-Mass Black Hole at the End of Reionization
13838	Xuan	Fang	Instituto de Astrofisica de Andalucia (IAA)	ESP	GO	2	UV Mapping of the Shocks in the Extremely Collimated Outflows of the Proto-Planetary Nebula Hen 3-1475
13921	Mark	Fardal	University of Massachusetts - Amherst	USA	AR		Simulating the Impact of a Recent Merger on M31's Disk
13839	Emanuele	Farina	Max Planck Institute for Astronomy	DEU	GO	6	The Lyman Alpha Extended Halo of a Quasar at z>6
13914	Gary	Ferland	University of Kentucky	USA	AR		What AGN revergeration maps tell us: plasma simulations of dense accreting gas
13797	Alex	Filippenko	University of California - Berkeley	USA	GO	16	Early-Time UV Spectroscopy of Stripped-Envelope Supernovae: A New Window
13822	Gaston	Folatelli	Institute for Physics and Mathematics of the Universe	JPN	GO	4	iPTF 13bvn: First identification of the progenitor of a Type Ib supernova
13646	Ryan	Foley	University of Illinois at Urbana - Champaign	USA	GO	36	Understanding the Progenitor Systems, Explosion Mechanisms, and Cosmological Utility of Type Ia Supernovae
13647	Ryan	Foley	University of Illinois at Urbana - Champaign	USA	GO	12	Testing the Standardizability of Type Ia Supernovae with the Cepheid Distance of a Twin Supernova
13909	John	Forbes	University California, Santa Cruz	USA	AR		Predictive Simulations of Metals Ejected from Galaxies in Galactic Winds
13859	Luca	Fossati	Universitat Bonn, Argelander Institute for Astronomy	DEU	GO	6	Unveiling the circumstellar environment of the most extreme hot-Jupiters
13901	Morgan	Fouesneau	University of Washington	USA	AR		A Legacy Magellanic Clouds Star Clusters Sample for the Calibration of Stellar Evolution Models
13840	Andrew	Fox	Space Telescope Science Institute - ESA	USA	GO	9	The Smith Cloud: Galactic or Extragalactic?

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13648	Ori	Fox	University of California - Berkeley	USA	GO	3	Uncovering the Putative B-Star Binary Companion of the SN 1993J Progenitor
13649	Ori	Fox	University of California - Berkeley	USA	GO	15	UV Spectroscopic Signatures from Type Ia Supernovae Strongly Interacting with a Circumstellar Medium
13650	Kevin	France	University of Colorado at Boulder	USA	GO	125	The MUSCLES Treasury Survey: Measurements of the Ultraviolet Spectral Characteristics of Low-mass Exoplanetary Systems
13892	Adam	Frank	University of Rochester	USA	AR		The Reel Deal In 3D: The Spatio-Temporal Evolution of YSO Jets
13691	Wendy	Freedman	Carnegie Institution of Washington	USA	GO	132	CHP-II: The Carnegie Hubble Program to Measure Ho to 3% Using Population II
13651	Amy	Furniss	Stanford University	USA	GO	7	Disentangling Signatures of Ultra-high-energy Cosmic Rays from a Unique Gamma-ray Blazar
13652	Boris	Gaensicke	The University of Warwick	GBR	SNAP	75	The frequency and chemical composition of rocky planetary debris around young white dwarfs: Plugging the last gaps
13672	Avishay	Gal-Yam	Weizmann Institute of Science	ISR	GO	22	Explosions in Real-Time: Ultra-Rapid UV Flash Spectroscopy of Infant Core-Collapse Supernovae
13841	Alexandre	Gallenne	Universidad de Concepcion	CHL	GO	8	Accurate masses and distances of the binary Cepheids S Mus and SU Cyg
13910	Aaron	Geller	Northwestern University	USA	AR		Modeling the Origins of Sub-subgiant Stars
13860	Mario	Gennaro	Space Telescope Science Institute	USA	GO	12	Investigating the low-mass slope and possible turnover in the LMC IMF
13823	Raphael	Gobat	CEA/DSM/DAPNIA/Service d'Astrophysique	FRA	GO	5	A complete census of galaxy activity in a massive $z > 1.5$ cluster: probing the SF-density relation down to the low M^* regime
13798	Carol	Grady	Eureka Scientific Inc.	USA	GO	10	A chemical inventory of Gas and Star-Grazing Exocomets in HD 172555
13799	Or	Graur	The Johns Hopkins University	USA	GO	4	Constraining Type Ia Supernova Nucleosynthesis and Explosion Models Using Late-Time Photometry of SN2011fe and SN2012cg
13755	Jenny	Greene	Princeton University	USA	GO	20	The Hosts of Megamaser Disk Galaxies (II)
13776	Michael	Gregg	University of California - Davis	USA	SNAP	450	Completing the Next Generation Spectral Library
13777	Michael	Gregg	University of California - Davis	USA	GO	10	Morphological Transformation in the Coma Cluster
13653	Caitlin	Griffith	University of Arizona	USA	GO	12	Elementary Abundances of Planetary Systems
13692	William	Grundy	Lowell Observatory	USA	GO	8	Orbits and Physical Properties of Four Binary Transneptunian Objects

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13861	Edward	Guinan	Villanova University	USA	GO	12	HST/COS FUV Spectrophotometry of the Key Binary Solar Twins 16 Cyg A&B: Astrophysical Laboratories for the Future Sun and Older Solar Analogs
13891	Yicheng	Guo	University of California - Santa Cruz	USA	AR		Mining the Treasures: Dwarf Galaxies at $0.5 < z < 1$ as Lynchpins for Galaxy Formation and Feedback
13842	Frederick	Hamann	University of Florida	USA	GO	10	Testing the Youth and Transition Object Status of FeLoBAL Quasars
13654	Matthew	Hayes	Stockholm University	SWE	GO	29	Ultraviolet Spectroscopy of the Extended Lyman Alpha Reference Sample
13655	Matthew	Hayes	Stockholm University	SWE	GO	20	How Lyman alpha bites/beats the dust
13656	Matthew	Hayes	Stockholm University	SWE	GO	22	Unveiling the Dark Baryons: The First Imaging of Circumgalactic OVI in Emission
13862	Timothy	Heckman	The Johns Hopkins University	USA	GO	49	Measuring the Impact of Starbursts on the Circum-Galactic Medium
13693	Amanda	Hendrix	Planetary Science Institute	USA	GO	4	The Ultraviolet Spectrum of Ceres
13694	Amanda	Hendrix	Planetary Science Institute	USA	GO	7	UV spectra of the icy Saturnian satellites: Understanding exogenic processes and NH ₃ in the system
13724	Todd	Henry	Georgia State University Research Foundation	USA	GO	9	Pinpointing the Characteristics of Stars and Not Stars
13863	Dean	Hines	Space Telescope Science Institute	USA	GO	21	Imaging Polarimetry of the 67P/Churyumov-Gerasimenko with ACS: Supporting the Rosetta Mission
13695	Benne	Holwerda	Sterrewacht Leiden	NLD	SNAP	150	STARlight Absorption Reduction through a Survey of Multiple Occulting Galaxies (STARSMOG)
13696	Benne	Holwerda	Sterrewacht Leiden	NLD	GO	6	The Anemic Stellar Halo of M101
13917	Cameron	Hummels	University of Arizona	USA	AR		The COS Cold Absorber Puzzle: Understanding the Metallicity and Phase of the Circumgalactic Medium
13800	C.	Jeffery	Armagh Observatory	GBR	GO	7	Heavy-metal, extreme chemistry and puzzling pulsation: ultraviolet clues to the formation of hot subdwarfs
13778	Edward	Jenkins	Princeton University	USA	GO	46	Using ISM abundances in the SMC to Correct for Element Depletions by Dust in QSO Absorption Line Systems
13864	David	Jewitt	University of California - Los Angeles	USA	GO	2	Hubble Imaging of a Newly Discovered Active Asteroid
13865	David	Jewitt	University of California - Los Angeles	USA	GO	10	Determining the Nature and Origin of Mass Loss from Active Asteroid P/2013 R3

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13866	David	Jewitt	University of California - Los Angeles	USA	GO	10	Determining the Nature and Origin of Mass Loss from Active Asteroid P/2013 P5
13756	Saurabh	Jha	Rutgers the State University of New Jersey	USA	GO	2	Rings within Rings: High Resolution Imaging of a Spectacular Gravitational Lens
13757	Saurabh	Jha	Rutgers the State University of New Jersey	USA	GO	14	The Progenitor System of a Peculiar Thermonuclear White-Dwarf Supernova
13898	Nathan	Kaib	Northwestern University/CIERA	USA	AR		The Influence of Stellar Companions on Fomalhaut's Planetary System
13725	Paul	Kalas	University of California - Berkeley	USA	GO	9	Testing the correlation between low mass planets and debris disks
13726	Paul	Kalas	University of California - Berkeley	USA	GO	10	Scattered light imaging of Fomalhaut's ice line belt to understand dynamical upheavals in planetary systems
13673	Jason	Kalirai	Space Telescope Science Institute	USA	GO	6	The Metallicity Dependence of the Initial Mass Function
13727	Jason	Kalirai	Space Telescope Science Institute	USA	GO	12	Which Stars Go BOOM?
13674	David	Kaplan	University of Wisconsin - Milwaukee	USA	GO	15	A 1.05Msun Companion to PSR J2222-0137: The Coolest Known White Dwarf?
13657	Jeyhan	Kartaltepe	National Optical Astronomy Observatory, AURA	USA	GO	30	Probing the Most Luminous Galaxies in the Universe at the Peak of Galaxy Assembly
13867	Mansi	Kasliwal	Carnegie Institution of Washington	USA	GO	4	Testing a Globular Cluster Origin for Elusive Calcium-rich Gap Transients
13824	Wolfgang	Kerzendorf	University of Toronto	CAN	GO	7	SN 2011fe - tackling the Type Ia progenitor puzzle through extremely late time photometry
13868	Dale	Kocevski	University of Kentucky	USA	GO	25	Are Compton-Thick AGN the Missing Link Between Mergers and Black Hole Growth?
13758	Andreas	Koch	Landessternwarte Heidelberg	DEU	GO	14	The Age-Metallicity relationship of the Galactic Bulge via Stromgren Photometry
13843	Michael	Koss	Eidgenossische Technische Hochschule (ETH)	CHE	GO	4	A Candidate Recoiling Black Hole in a Nearby Dwarf Galaxy
13728	Steven	Kraemer	Catholic University of America	USA	GO	22	Do QSO2s have Narrow Line Region Outflows? Implications for quasar-mode feedback
13907	Mariska	Kriek	University of California - Berkeley	USA	AR		Maximizing the Impact of CANDELS: Rest-frame Optical Spectroscopy of 2000 Galaxies at $1.4 < z < 3.8$
13801	Varsha	Kulkarni	University of South Carolina Research Foundation	USA	GO	18	Probing Structure in Cold Gas at $z \sim 1$ with Gravitationally Lensed Quasar Sightlines
13729	Andy	Lawrence	University of Edinburgh, Institute for Astronomy	GBR	SNAP	53	Slow-blue PanSTARRS transients : high amplification microlens events?

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13697	Vianney	Lebouteiller	CEA/DSM/DAPNIA/Service d'Astrophysique	FRA	GO	11	Does star formation proceed differently in metal-poor galaxies?
13844	Bret	Lehmer	The Johns Hopkins University	USA	GO	12	Unveiling the Black Hole Growth Mechanisms in the Protocluster Environment at $z \sim 3$
13878	Claus	Leitherer	Space Telescope Science Institute	USA	AR		Unearthing a Treasure Trove of Ultraviolet Galaxy Spectra
13730	Adam	Leroy	Associated Universities, Inc.	USA	GO	1	Maps of Recent Star Formation to Match ALMA Observations of the Nearest Nuclear Starburst
13869	Andrew	Levan	The University of Warwick	GBR	GO	1	Pinpointing the location and host of the candidate tidal disruption Swift J1112.3-8238
13870	Andrew	Levan	The University of Warwick	GBR	GO	10	The progenitors of the longest duration high-energy transients
13675	Jian-Yang	Li	Planetary Science Institute	USA	GO	7	Comet Siding Spring at Mars: Using MRO to Interpret HST Imaging of Comets
13889	Jennifer	Lotz	Space Telescope Science Institute	USA	AR		Galaxy Mergers, AGN, and Quenching in $z > 1$ Proto-Clusters
13920	Yu	Lu	Stanford University	USA	AR		Testing Feedback Models of Galaxy Formation Using COS-Halos Survey Data
13802	Kevin	Luhman	The Pennsylvania State University	USA	GO	6	Characterizing the Sun's 4th Closest Neighbor and the Coldest Known Brown Dwarf
13698	Joe	Lyman	The University of Warwick	GBR	GO	10	The environments and progenitors of calcium-rich transients
13904	Piero	Madau	University of California - Santa Cruz	USA	AR		SIMULATING THE CIRCUMGALACTIC MEDIUM AND THE CYCLE OF BARYONS IN AND OUT OF GALAXIES
13759	Juan	Madrid	Swinburne University of Technology	AUS	GO	1	Extreme Variability in the M87 Jet
13779	Sangeeta	Malhotra	Arizona State University	USA	GO	160	The Faint Infrared Grism Survey (FIGS)
13699	Nicolas	Martin	Universite de Strasbourg I	FRA	GO	17	Fellowship of the Andromeda Dwarf Galaxies: A Census of their Extended Star Formation Histories
13760	Derck	Massa	Space Science Institute	USA	SNAP	150	Filling the gap --near UV, optical and near IR extinction
13780	Philip	Massey	Lowell Observatory	USA	GO	6	The Nature of Newly Discovered Wolf-Rayet Stars in the LMC
13781	Philip	Massey	Lowell Observatory	USA	GO	9	WO-Type Wolf-Rayet Stars: the Last Hurrah of the Most Massive Stars?
13825	Justyn	Maund	The Queen's University of Belfast	GBR	GO	2	Stellar Forensics VI: A post-explosion view of the progenitor of SN 2012aw
13761	Stephan	McCandliss	The Johns Hopkins University	USA	SNAP	75	High efficiency SNAP survey for Lyman alpha emitters at low redshift

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13803	Melissa	McGrath	NASA Marshall Space Flight Center	USA	GO	5	Europa's Composition as Revealed by its Atmosphere
13762	Ian	McGreer	University of Arizona	USA	GO	2	A powerful starburst at z=5.4 with strong Lyman alpha emission: resolved SED with HST
13804	Kristen	McQuinn	University of Minnesota - Twin Cities	USA	GO	14	Important Nearby Galaxies without Accurate Distances
13903	Matthew	McQuinn	University of Washington	USA	AR		quasar lifetimes and helium reionization from Hell proximity zones
13763	S.	Megeath	University of Toledo	USA	GO	10	WFC3 Spectroscopy of Faint Young Companions to Orion Young Stellar Objects
13700	Carl	Melis	University of California - San Diego	USA	GO	2	Confirming the most water-rich extrasolar rocky body
13915	Massimo	Meneghetti	Jet Propulsion Laboratory	USA	AR		Simulating HST observations of strong lensing clusters
13676	Eileen	Meyer	Space Telescope Science Institute	USA	GO	14	Solving the X-ray Origin Problem in Kiloparsec-Scale Relativistic Jets: Hubble Provides the Missing Key
13731	Eileen	Meyer	Space Telescope Science Institute	USA	GO	8	The Real Impact of Extragalactic Jets on Their Environments: Measuring the Advance Speed of Hotspots with HST
13701	Christopher	Mihos	Case Western Reserve University	USA	GO	26	Stellar Populations in the Outer Disk of M101
13782	Dan	Milisavljevic	Harvard University	USA	GO	4	The Double Supernova in NGC 6984
13918	Caroline	Morley	University of California - Santa Cruz	USA	AR		A New Approach to Understanding Brown Dwarf Weather
13845	Adam	Muzzin	Sterrewacht Leiden	NLD	GO	38	Resolved H-alpha Maps of Star-forming Galaxies in Distant Clusters: Towards a Physical Model of Satellite Galaxy Quenching
13906	Desika	Narayanan	Haverford College	USA	AR		Cold Galaxies on FIRE: Modeling the Most Luminous Starbursts in the Universe with Cosmological Zoom Simulations
13732	Anna	Nierenberg	University of California - Santa Barbara	USA	GO	10	Detecting dark matter substructure with narrow line lensing
13871	Pascal	Oesch	Yale University	USA	GO	12	A Spectroscopic Redshift for the Most Luminous Galaxy Candidate at z~10
13872	Pascal	Oesch	Yale University	USA	GO	132	The GOODS UV Legacy Fields: A Full Census of Faint Star-Forming Galaxies at z~0.5-2
13702	Sally	Oey	University of Michigan	USA	GO	12	Mapping the LyC-Emitting Regions of Local Galaxies
13703	Lida	Oskinova	Universitat Potsdam	DEU	GO	9	The donor star winds in High-Mass X-ray Binaries
13704	Steven	Parsons	Universidad de Valparaiso	CHL	GO	10	Testing the single degenerate channel for supernova Ia

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13705	Jennifer	Patience	Arizona State University	USA	GO	4	Brown dwarf Atmosphere Monitoring (BAM!): Characterizing the Coolest Atmosphere
13783	George	Pavlov	The Pennsylvania State University	USA	GO	13	Thermal evolution of old neutron stars
13706	Joshua	Peek	Columbia University in the City of New York	USA	GO	28	Galactic Accretion Unveiled: A Unique Opportunity with COS and M33
13919	Molly	Peeples	Space Telescope Science Institute	USA	AR		MAST Interface to Synthetic Telescopes with yt (MISTY): Observing Simulations of the Intergalactic Medium
13913	Steven	Penton	Space Telescope Science Institute	USA	AR		The Search for Diffuse Intergalactic and Circumgalactic Emission with the Cosmic Origins Spectrograph
13764	Eric	Perlman	Florida Institute of Technology	USA	GO	10	The Physics of the Jets of Powerful Radio Galaxies and Quasars
13677	Saul	Perlmutter	University of California - Berkeley	USA	GO	87	See Change: Testing time-varying dark energy with z>1 supernovae and their massive cluster hosts
13733	Celine	Peroux	Laboratoire d'Astrophysique de Marseille	FRA	GO	10	The Stellar Continuum Light from Damped Lyman-alpha Absorber Galaxies Detected with Integral Field Spectroscopy
13765	Bradley	Peterson	The Ohio State University	USA	GO	12	A Cepheid-Based Distance to the Benchmark AGN NGC 4151
13734	Veronique	Petit	University of Delaware	USA	GO	4	Probing the extreme wind confinement of the most magnetic O star with COS spectroscopy
13897	Annalisa	Pillepich	Harvard University	USA	AR		Clusters of Galaxies in the last 5 Billion Years: from the Brightest Cluster Galaxy to the Intra-Cluster Light
13784	Robert	Quimby	Institute for Physics and Mathematics of the Universe	JPN	GO	14	The First UV Spectra of a Hydrogen-Rich Superluminous Supernova
13873	Darin	Ragozzine	Florida Institute of Technology	USA	GO	3	The Intriguing Formation of Haumea's Satellites
13707	Suzanna	Randall	European Southern Observatory - Germany	DEU	GO	4	Mapping the Extreme Horizontal Branch instability strip in omega Centauri
13785	Naveen	Reddy	University of California - Riverside	USA	GO	16	Stellar Populations and Ionization States of Lyman Alpha Emitters During the Epoch of Peak Star Formation
13658	Seth	Redfield	Wesleyan University	USA	GO	14	Farewell to the Voyagers: Measuring the Local ISM in the Immediate Path of the Two Voyager Spacecraft
13708	Nicole	Reindl	IAAT, Eberhard Karls University, Tuebingen	DEU	GO	5	Following the rapid evolution of the central star of the Stingray Nebula in real time

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13805	Kurt	Retherford	Southwest Research Institute	USA	GO	4	Io's Atmosphere Silhouetted in Transit by Jupiter Lyman-alpha
13678	Adam	Riess	The Johns Hopkins University	USA	GO	11	The Fifth and Final Epoch
13709	Adam	Ritchey	University of Washington	USA	GO	10	Constraining the Cosmic-ray Acceleration and Gamma-ray Emission Processes in IC 443
13826	Massimo	Robberto	Space Telescope Science Institute	USA	GO	52	The Orion Nebula Cluster as a Paradigm of Star Formation
13922	Andrew	Robinson	Rochester Institute of Technology	USA	AR		Do Supermassive Black Holes really reside at the centers of their host galaxies?
13827	Ian	Roederer	University of Michigan	USA	GO	10	A New Opportunity to Detect Iron in the Most Iron-Poor Star Known
13879	Ian	Roederer	University of Michigan	USA	AR		The s-process contribution to rare, heavy elements
13884	Ian	Roederer	University of Michigan	USA	AR		The Origins of Germanium and the Transition to Neutron-Capture Nucleosynthesis
13710	Philip	Rosenfield	Universita degli Studi di Padova	ITA	GO	10	Constraining Models of Evolved UV-Bright Stars in the M31 Bulge
13679	Lorenz	Roth	Southwest Research Institute	USA	GO	58	Europa's Water Vapor Plumes: Systematically Constraining their Abundance and Variability
13680	Elena	Sabbi	Space Telescope Science Institute	USA	GO	5	A 3D view of massive cluster formation in the SMC
13711	Abhijit	Saha	National Optical Astronomy Observatory, AURA	USA	GO	60	Establishing a Network of Next Generation SED standards with DA White Dwarfs
13806	Hugues	Sana	Space Telescope Science Institute - ESA	USA	GO	8	UV spectroscopy of the most massive overcontact binary known to date: on the verge of coalescence ?
13735	David	Sand	Texas Tech University	USA	GO	3	A New Dwarf Galaxy Associated with an Ultra-Compact High Velocity Cloud
13659	Karin	Sandstrom	University of Arizona	USA	GO	54	A New View of Dust at Low Metallicity: The First Maps of SMC Extinction Curves
13712	Kunio	Sayanagi	Hampton University	USA	GO	3	Target of Opportunity Observation of an Episodic Storm on Uranus
13736	Eric	Schindhelm	Southwest Research Institute	USA	GO	2	Contemporaneous Mid-UV Spectral Coverage of Pluto and Charon Coincident With the New Horizons Encounter
13883	Hilke	Schlichting	Massachusetts Institute of Technology	USA	AR		Probing sub-km-sized Kuiper Belt Objects with Stellar Occultations
13786	Glenn	Schneider	University of Arizona	USA	GO	40	Decoding Debris System Substructures: Imprints of Planets/Planetesimals and Signatures of Extrinsic Influences on Material in Ring-Like Disks

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13766	Peter	Schneider	Universitat Hamburg, Hamburger Sternwarte	DEU	GO	4	The nature of stationary components in jets from young stellar objects
13737	Benjamin	Shappee	The Ohio State University - Department of Astronomy	USA	GO	16	Whimper of a Bang: Documenting the Final Days of the Nearby Type Ia Supernova 2011fe
13738	Edward	Shaya	University of Maryland	USA	GO	12	The Proper Motion of M31 Vast Plane Galaxy LGS3
13828	Steve	Shore	Universita di Pisa	ITA	GO	14	Late nebular stage high resolution UV spectroscopy of classical Galactic novae: a benchmark panchromatic archive for nova evolution
13905	Brian	Siana	University of California - Riverside	USA	AR		Quantifying Bursty Star Formation and Dust Extinction in Dwarf Galaxies at $0.75 < z < 1.5$
13713	Bruno	Sicardy	Observatoire de Paris and Paris 6 university	FRA	GO	3	Observation of Chariklo's rings and the surroundings of Chiron
13739	Evan	Skillman	University of Minnesota - Twin Cities	USA	GO	81	Is the First Epoch of Star Formation in Satellite Galaxies Universal? - Part II
13714	Stephen	Skinner	University of Colorado at Boulder	USA	GO	8	Tracing Hot Plasma in the RY Tau Jet
13787	Nathan	Smith	University of Arizona	USA	GO	8	Massive stars dying alone: Extremely remote environments of SN2009ip and SN2010jp
13887	Greg	Snyder	Space Telescope Science Institute	USA	AR		Observing the Origins of Galaxy Structure in the Illustris Simulation
13715	Jennifer	Sokoloski	Columbia University in the City of New York	USA	GO	9	Imaging Spectroscopy of the Gamma-Ray Nova V959 Mon
13829	William	Sparks	Space Telescope Science Institute	USA	GO	10	The ice plumes of Europa
13633	John	Spencer	Southwest Research Institute	USA	GO	154	A Kuiper Belt Object for the New Horizons Mission
13899	Phillip	Stancil	University of Georgia Research Foundation, Inc.	USA	AR		An H2/HD Collisional Excitation Database from High-Dimensional Quantum Dynamics Calculations: Benchmarking Interstellar STIS/COS observations
13740	Daniel	Stern	Jet Propulsion Laboratory	USA	GO	40	Clusters Around Radio-Loud AGN: Spectroscopy of Infrared-Selected Galaxy Clusters at $z > 1.4$
13741	Thaisa	Storchi-Bergmann	Universidade Federal do Rio Grande do Sul	BRA	GO	18	Constraining the structure of the Narrow-Line Region of nearby QSO2s
13880	David	Syphers	University of Colorado at Boulder	USA	AR		The First Direct Measurement of the 2-3 Rydberg Quasar Continuum for a Statistical Sample
13807	Paula	Szkody	University of Washington	USA	GO	3	Unprecedented Tracking of the Unique Dwarf Nova GW Lib from Largest Amplitude Outburst to Quiescent Pulsations
13742	Jonathan	Tan	University of Florida	USA	GO	18	Kinematics of a Massive Star Cluster in Formation

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13830	Nial	Tanvir	University of Leicester	GBR	GO	12	r-process kilonova emission accompanying short-duration GRBs
13831	Nial	Tanvir	University of Leicester	GBR	GO	20	GRB hosts and the search for missing star formation at high redshift
13832	Nicolas	Tejos	University of California - Santa Cruz	USA	GO	4	Absorption in the Cosmic Web: Characterizing the Intergalactic Medium in Cosmological Filaments
13833	Nicolas	Tejos	University of California - Santa Cruz	USA	GO	53	Characterizing the cool and warm-hot intergalactic medium in clusters at $z < 0.4$
13924	Nicolas	Tejos	University of California - Santa Cruz	USA	AR		The intergalactic medium in the cosmic web
13925	Maureen	Teyssier	Rutgers the State University of New Jersey	USA	AR		Interpreting Resolved Stellar Populations in Local Group Dwarfs: Results from Cosmological Simulations
13743	David	Thilker	The Johns Hopkins University	USA	GO	18	The Controversial Nature of the Diffuse UV Emission in Galaxies: Exploring NGC300
13744	Trinh	Thuan	The University of Virginia	USA	GO	17	Green Peas and diagnostics for Lyman continuum leaking in star-forming dwarf galaxies
13745	Erik	Tollerud	Yale University	USA	GO	2	Resolving the Tip of the Red Giant Branch of Two New Candidate Local Group Dwarf Galaxies
13767	Michele	Trenti	University of Cambridge	GBR	GO	480 Pure Parallel Orbits	Bright Galaxies at Hubble's Detection Frontier: The redshift $z \sim 9-10$ BoRG pure-parallel survey
13716	David	Trilling	Northern Arizona University	USA	GO	5	Constraining the history of the outer Solar System: Definitive proof with HST
13846	Todd	Tripp	University of Massachusetts - Amherst	USA	GO	99	The COS Absorption Survey of Baryon Harbors (CASBaH): Probing the Circumgalactic Media of Galaxies from $z = 0$ to $z = 1.5$
13890	Monica	Valluri	University of Michigan	USA	AR		Quantifying the Bias in the Masses of Supermassive Black Holes in Barred Galaxies
13834	Roeland	van der Marel	Space Telescope Science Institute	USA	GO	17	The Proper Motion Field along the Magellanic Bridge: a New Probe of the LMC-SMC interaction
13681	Pieter	van Dokkum	Yale University	USA	GO	7	Fluctuation spectroscopy with the ACS ramp filters: a new way to measure the IMF in elliptical galaxies
13682	Pieter	van Dokkum	Yale University	USA	GO	7	Distances and stellar populations of seven low surface brightness galaxies in the field of M101
13683	Schuyler	Van Dyk	California Institute of Technology	USA	GO	4	The Stellar Origins of Supernovae
13684	Schuyler	Van Dyk	California Institute of Technology	USA	GO	4	A Wolf-Rayet Progenitor for iPTF13bvn?

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13912	David	Wake	University of Wisconsin - Madison	USA	AR		Identifying the Progenitors of Massive Early-type Galaxies: A Complete Census of the Properties of S2CLS Submillimeter Selected Galaxies
13893	Bart	Wakker	University of Wisconsin - Madison	USA	AR		The spectral shape of the ionizing extragalactic background radiation at $z \sim 0$
13885	Nolan	Walborn	Space Telescope Science Institute	USA	AR		Comparative Precise Parameters for OB Stars in Three Galaxies
13746	Matthew	Walker	Carnegie Mellon University	USA	GO	5	Is the Crater satellite the Milky Way's Smallest Dwarf Galaxy or its Largest Globular Cluster?
13717	Lifan	Wang	Texas A & M University	USA	GO	6	Polarimetry of SN 2014J in M82 as a Probe of Its Dusty Environment
13718	Julie	Wardlow	Dark Cosmology Centre, Niels Bohr Institute	DNK	GO	8	The nature and environment of the earliest dusty starburst galaxies
13874	Harold	Weaver	The Johns Hopkins University Applied Physics Laboratory	USA	GO	10	Using Hubble to Measure Volatile Abundances and the D/H Ratio in a Bright ToO Comet
13747	Tracy	Webb	McGill University	CAN	GO	4	Understanding the In-Situ Star Formation in a $z=1.7$ Cluster Core Galaxy
13768	Daniel	Weisz	University of California - Santa Cruz	USA	GO	54	Completing the Census of Isolated Dwarf Galaxy Star Formation Histories
13769	Klaus	Werner	Eberhard Karls Universitat, Tübingen	DEU	GO	11	Trans-iron group elements in hot helium-rich white dwarfs
13882	Benjamin	Williams	University of Washington	USA	AR		The Masses of M31 Supernova Remnant Progenitors
13719	David	Wilson	The University of Warwick	GBR	GO	8	Accretion of planetary debris onto the unique white dwarf GD394
13877	Rogier	Windhorst	Arizona State University	USA	AR		Project ALCATRAZ: Archival Lyman-Continuum and Theoretical Reionization Analysis vs. z : Where, When, How & How Much does LyC Escape?
13895	John	Wise	Georgia Institute of Technology	USA	AR		Revealing the Properties of the Frontier Fields Galaxies
13788	Aida	Wofford	CNRS, Institut d'Astrophysique de Paris	FRA	GO	18	COS Views of Local Galaxies Approaching Primeval Conditions
13875	Gabor	Worseck	Max-Planck-Institut für Astronomie, Heidelberg	DEU	GO	24	A Potential Paradigm Shift in our Understanding of Helium Reionization
13900	Guy	Worthey	Washington State University	USA	AR		Stellar Evolutionary Isochrones for Galaxy Evolution
13720	Stephen	Zepf	Michigan State University	USA	GO	18	Testing Models of the Black-Hole X-ray Source in the NGC4472 Globular Cluster RZ2109 with COS UV Spectroscopy

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13923	Stephen	Zepf	Michigan State University	USA	AR		Use of Wide-Field ACS Mosaics to Determine Total Properties of Globular Cluster Systems
13660	Ming	Zhao	The Pennsylvania State University	USA	GO	10	Near-IR spectroscopy of the newly discovered benchmark hot Jupiter WASP-103b