

# Accepted Proposals

Name	Institution	ESA	Type	Title
<b><i>Extragalactic Programs</i></b>				
Katherine Alatalo	Carnegie Institution of Washington		GO	Watching AGN Feedback at its Birth: <i>HST</i> Observations of Nascent Outflow Host IC 860
Katherine Alatalo	Carnegie Institution of Washington		SNAP	Opening a New Window into Galaxy Evolution Through the Lens of CO-Detected Shocked Post-Starburst Galaxies
Alessandra Aloisi	Space Telescope Science Institute		GO	Tracing Galactic Outflows to the Source: Spatially Resolved Feedback in M 83 with COS
Mike Anderson	Max-Planck-Institut für Astrophysik	ESA	GO	A Novel Measurement of Turbulence and Bulk Flows in the Hot Halo of M 87
Francesca Annibali	INAF, Osservatorio Astronomico di Bologna	ESA	GO	DDO 68: A Flea with Smaller Fleas that on Him Prey
Nahum Arav	Virginia Polytechnic Institute and State University		GO	Deciphering Quasar Outflows and Measuring Their Contribution to AGN Feedback
Nahum Arav	Virginia Polytechnic Institute and State University		AR	The COS Revolution of AGN Outflow Science
Iair Arcavi	University of California – Santa Barbara		GO	What Is Enhancing the Tidal Disruption Rate of Stars in Post-Starburst Galaxies?
Guillermo Barro	University of California – Berkeley		AR	Spatially Resolved UV-to-FIR SEDs of Compact SFGs at $z \sim 2$ : Witnessing the Epoch of Core Building
George Becker	University of California – Riverside		GO	The Metal-Enriched Environments of Galaxies near Reionization
Danielle Berg	University of Wisconsin – Milwaukee		GO	The Evolution of C/O in Low-Metallicity Dwarf Galaxies
Philip Best	Royal Observatory Edinburgh	ESA	GO	The Detailed Properties of Star-Forming Regions at High Redshift: A Matched-Resolution <i>HST</i> -H $\alpha$ -ALMA Study
David Bowen	Princeton University		GO	What is a Galaxy Halo Really Like?
Peter Brown	Texas A & M University		GO	Ultraviolet Spectra of a Normal Standard Candle
James Bullock	University of California – Irvine		AR	Accurate Predictions for Dark Matter Substructure
Zheng Cai	University of California – Santa Cruz		GO	Imaging a Massive Galaxy Overdensity at $z = 2.3$ : The Morphology–Density Relation at High Redshift
Stefano Casertano	Space Telescope Science Institute		GO	Astrometric Light-Deflection Test of General Relativity for Non-Spherical Bodies: Close Approach to Jupiter
Doron Chelouche	University of Haifa		GO	Photometric Mapping of the Galactic Outflow in NGC 7552
Hsiao-Wen Chen	University of Chicago		GO	Differentiating Gas Infall and Outflows with Resolved Star-Formation Morphology
Geoffrey Clayton	Louisiana State University and A & M College		GO	Mapping the UV Extinction Properties of PHAT Stars in M 31
Thomas Collett	University of Portsmouth	ESA	GO	A Unique Probe of the Dark Matter Distribution in a Halo at $z = 1$ : A Strong Lens with a Bright Central Image
Charlie Conroy	Harvard University		GO	A Year in the Whirlpool
Christopher Conselice	University of Nottingham	ESA	GO	The Fundamental Plane of Ultra-Massive Galaxies at $z \sim 2$
Steve Croft	Eureka Scientific Inc.		GO	A Local Laboratory for Studying Positive Feedback from Supermassive Black Holes
Neal Dalal	University of Illinois at Urbana –		AR	Probing Dark Matter Physics with Galaxy Clusters

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	Champaign			
Charles Danforth	University of Colorado at Boulder		GO	Resolving the Nuclear Structure of the Canonical Radio Galaxy M 87
William Dawson	Lawrence Livermore National Laboratory		AR	Raiders of the Lost Arcs
Pierre-Alain Duc	Commissariat à l'Énergie Atomique	ESA	GO	Probing Super Star-Cluster Formation in the Most Favorable Environments: The Metal-Enriched, Gas-Rich and Turbulent Collisional Ring of NGC 5291
Nicholas Earl	Space Telescope Science Institute		AR	Diagnosing the Multiphase Circumgalactic Medium
Michael Eracleous	The Pennsylvania State University		GO	Why the Different Looks of Changing-Look Quasars?
Dawn Erb	University of Wisconsin – Milwaukee		GO	Lyman- $\alpha$ Imaging at $\sim 20$ pc Resolution in a Low-Mass Lensed Galaxy at $z = 1.85$
Xiaohui Fan	University of Arizona		GO	Is Lyman- $\alpha$ Emitter CR7 Powered by a Direct-Collapse Black Hole?
Claude-André Faucher-Giguère	Northwestern University		AR	Combining Statistical Samples of Resolved-ISM Simulated Galaxies with Realistic Mock Observations to Fully Interpret <i>HST</i> and <i>JWST</i> Surveys
Andrew Fox	Space Telescope Science Institute	ESA	GO	The Origin of the Leading Arm of the Magellanic Stream
John Gallagher	University of Wisconsin – Madison		GO	Hearts of Darkness: Compact Obscured Nuclei in S0/a Galaxies
Rajib Ganguly	University of Michigan		GO	A New Twist in the Quasar Radio Dichotomy: The Case of the Missing Outflows
Eric Gawiser	Rutgers the State University of New Jersey		AR	Reconstructing Star-Formation Histories to Reveal the Origin and Evolution of the SFR-M* Correlation
Shy Genel	Columbia University in the City of New York		AR	Understanding the Angular Momentum Content of Galaxies in Concert with Their Circumgalactic Medium
Eilat Glikman	Middlebury College		GO	Testing the Triggering Mechanism for Luminous, Radio-Quiet Red Quasars in the Clearing Phase: A Comparison to Radio-Loud Red Quasars
Andrew Goulding	Princeton University		GO	High Spatial-Resolution Imaging of AGN-Driven Super-Bubbles in Two Low-Redshift Quasars
Matthew Hayes	Stockholm University	ESA	GO	The Energetically Complete Picture of a Starburst Superwind
Yashar Hezaveh	Stanford University		AR	Inferring the Mass Function and Galaxy Content of Low-Mass Subhalos with <i>HST</i> Observations of ALMA Strong-Lensing Systems
Julie Hlavacek-Larrondo	Université de Montréal		GO	Ultramassive Black Holes in Brightest Cluster Galaxies
James Hogg	University of Maryland		GO	2MASS J00423991+3017515: An AGN on the Run?
Benne Holwerda	Sterrewacht Leiden	ESA	GO	Super-Eight: The Brightest $z \sim 8$ Galaxies
Yuri Izotov	Ukrainian National Academy of Sciences, MAO		GO	Lyman Continuum Leaking in Luminous Compact Star-Forming Galaxies
Jason Jaacks	University of Texas at Austin		AR	All About that Base: Baseline Metal Enrichment from Population III Star Formation in Cosmological Simulations
Christopher Kochanek	The Ohio State University		GO	Ultraviolet Spectroscopic Monitoring of an ASAS-SN Tidal Disruption Event
Karen Leighly	University of Oklahoma Norman Campus		GO	Testing the Torus Origin of the Broad Absorption-Line Outflow in WPVS 007
Guilin Liu	Virginia Polytechnic Institute and State University		GO	Imaging BALQSO Outflows: A Critical Step in Assessing AGN Feedback
James Lowenthal	Smith College		GO	The Most Luminous Galaxies: Strongly Lensed SMGs at $1 < z < 4$

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Chung-Pei Ma	University of California – Berkeley		AR	The Centers of MASSIVE Survey Elliptical Galaxies with Supermassive Black Holes
Daniel Marrone	University of Arizona		GO	Exploring a Massive Starburst in the Epoch of Reionization
Crystal Martin	University of California – Santa Barbara		GO	Confronting the 3D-Orientation of Galactic Disks in Space: Disk Structure vs. Circumgalactic Gas Flows
Smita Mathur	The Ohio State University		GO	Probing the Circumgalactic Medium of Galaxies with Deep Observations
Stephan McCandliss	The Johns Hopkins University		GO	SDSSCGB-46589.1—A Lyman- $\alpha$ Blob at Low Redshift?
Matthew McQuinn	University of Washington		AR	A Flexible Cosmic Ultraviolet Background Model
Eileen Meyer	University of Maryland – Baltimore County		GO	An <i>HST</i> Proper-Motion and Spectral Study of the Optical Jet in 4C +00.58
Peter Milne	University of Arizona		GO	A Second Ladder: Testing for Bias in the Type Ia Distance Scale with SBF
Sowgat Muzahid	The Pennsylvania State University		GO	Probing Warm–Hot Gas in the Outskirts of Galaxy Clusters Using Quasar Absorption Lines
Dieu Nguyen	University of Utah		GO	Improving Central Black Hole Mass Measurements in Low-Mass Early-Type Galaxies
Göran Östlin	Stockholm University	ESA	GO	SAFE: Star Clusters, Lyman- $\alpha$ and Feedback in ESO 338-04
Benjamin Oppenheimer	University of Colorado at Boulder		AR	Resolution and Physics Beyond Simulations: New Multi-Phase Models of the Circumgalactic Medium
Ivana Orlitova	Astronomical Institute, Academy of Sciences of the Czech Republic	ESA	GO	How Does Ionizing Radiation Escape from Galaxies?
Daeseong Park	Korea Astronomy and Space Science Institute		GO	A Definitive UV-Optical Template for Iron Emission in Active Galactic Nuclei
Eric Peng	Peking University		GO	Massive Star Clusters and the Origin of Ultra-Diffuse Galaxies
Eric Perlman	Florida Institute of Technology		GO	The Physics of the Jets of Powerful Radio Galaxies and Quasars
Bradley Peterson	The Ohio State University		GO	A Cepheid Distance to NGC 4051
Joel Primack	University of California – Santa Cruz		AR	Elongated Galaxies and the Emergence of Disks
Daniel Proga	University of Nevada – Las Vegas		AR	Modeling UV Spectra of Clumpy Outflows in Seyfert Galaxies
Marc Rafelski	NASA Goddard Space Flight Center		AR	The Role of Galaxy Morphology in the Mass-Metallicity-SFR Relation
Brant Robertson	University of California – Santa Cruz		GO	Lyman Continuum Escape Survey (LACES): Detecting Ionizing Radiation from $z \sim 3$ LAEs with Powerful Optical Lines
Laura Sales	University of California – Riverside		AR	Black Holes in Dwarf Galaxies: Growth and Impact
Laura Sales	University of California – Riverside		AR	Globular Clusters and Environmental Effects in Galaxy Clusters
Mischa Schirmer	Gemini Observatory, Southern Operations		GO	Low-Redshift Lyman- $\alpha$ Blobs
Tim Schrabback	Universität Bonn, Argelander Institute for Astronomy	ESA	GO	Probing the Most Distant High-Mass Galaxy Clusters from SPT with <i>HST</i> Weak-Lensing Observations
Isaac Shlosman	University of Kentucky		AR	Observational Corollaries of Proto-AGN: Understanding Formation of Supermassive Black Hole Seeds
Brooke Simmons	University of California – San Diego		SNAP	Secular Black Hole Growth and Feedback in Merger-Free Galaxies

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David Sobral	Lancaster University	ESA	GO	The Hosts of the Early Ionized Bubbles: The Nature and Diversity of the Most Luminous Lyman- $\alpha$ Emitters at $z \sim 6-7$
Daniel Stark	University of Arizona		GO	Extremely Metal-Poor Galaxies with <i>HST</i> /COS: Completing the Groundwork for <i>JWST</i>
Lorrie Straka	Sterrewacht Leiden	ESA	GO	Morphology and Orientation of QSO-Absorber Host Galaxies at $z < 1.5$ Detected with VLT/MUSE
Ryan Trainor	University of California – Berkeley		GO	QSO and Galaxy Growth Probed by Faint Ly- $\alpha$ Emitters
Michele Trenti	University of Melbourne		GO	Is Galaxy Formation Different During the Epoch of Reionization? Confirmation of the Brightest-Ever Candidate at Redshift $z > 8$
Pieter van Dokkum	Yale University		GO	Imaging of Three Ultra-Diffuse Galaxies with Measured Stellar Kinematics
Pieter van Dokkum	Yale University		GO	Exploring the Extremely Low Surface-Brightness Sky: Distances to 23 Newly Discovered Objects in Dragonfly Fields
Sjoert van Velzen	The Johns Hopkins University		GO	Enhanced Rates of Tidal Disruptions in E+A Galaxies: Resolving the Central Dynamics of Post-Starburst Galactic Nuclei with <i>HST</i> Observations
Bart Wakker	University of Wisconsin – Madison		GO	Observing Gas in Cosmic Web Filaments to Constrain Simulations of Cosmic-Structure Formation
Bart Wakker	University of Wisconsin – Madison		AR	Surveying the CGM of Nearby Galaxies
Tao Wang	CEA/DSM/DAPNIA/Service d'Astrophysique	ESA	GO	Exploring Environmental Effects on Galaxy Formation with WFC3 in the Most Distant Cluster at $z = 2.506$
Katherine Whitaker	University of Massachusetts – Amherst		GO	A Chance Alignment: Resolving a Massive Compact Galaxy Actively Quenching at $z = 1.8$
Rogier Windhorst	Arizona State University		AR	Project ALCATRAZ: Archival Lyman-Continuum and Theoretical Reionization Analysis vs. $z$ : Where, When, and How Much Does Ly-C Escape from Galaxies and AGN?
Gabor Worseck	Max-Planck-Institut für Astronomie, Heidelberg	ESA	GO	An Accurate Measurement of the IGM He II Lyman- $\alpha$ Forest toward a Newly Discovered UV-Bright Quasar at $z > 3.5$
Fakhri Zahedy	University of Chicago		GO	Resolving Fe-Rich Neutral ISM in a Massive Quiescent Galaxy at $z \sim 0.4$
Nadia Zakamska	The Johns Hopkins University		AR	From Molecular to Coronal Lines: A COS Survey of Multi-Phase Galactic Outflows
Nadia Zakamska	The Johns Hopkins University		GO	Host Galaxies of High-Redshift Quasars with Extreme Outflows
<b><i>Planetary Programs</i></b>				
Jessica Agarwal	Max Planck Institute for Solar System Research	ESA	GO	Investigating the Binary Nature of Active Asteroid 288P/300163
Gilda Ballester	University of Arizona		GO	Connecting the Lower and Upper Atmospheres of a Warm-Neptune: Implications for Planetary Evolution
Andrea Banzatti	Space Telescope Science Institute		GO	Measuring Residual H <sub>2</sub> Gas from Small to Large Gaps in Protoplanetary Disks: Different Pathways to Planets?
Jacob Bean	University of Chicago		GO	Remastering the Classics: A Thermal Inversion for the Hot-Jupiter Archetype HAT-P-7b?

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Jacob Bean	University of Chicago		GO	The First Precise Atmospheric Metallicity Measurement for a Sub-Jovian Exoplanet
Thomas Beatty	The Pennsylvania State University		GO	Phase-Resolved Emission Spectroscopy of the Transiting Brown Dwarf KELT-1b Using WFC3
Tracy Becker	Southwest Research Institute		GO	Psyche's UV Reflectance Spectra: Exploring the Origins of the Largest Exposed-Core Metallic Asteroid
Susan Benecchi	Planetary Science Institute		GO	The Lightcurve of <i>New Horizons</i> Encounter TNO 2014 MU69
Zachory Berta-Thompson	Massachusetts Institute of Technology		GO	Hydrogen Escape from a Rocky Earth-Size Exoplanet
Zachory Berta-Thompson	Massachusetts Institute of Technology		GO	The Hydrogen Content of a Rocky Earth-Size Exoplanet
Michael Brown	California Institute of Technology		GO	A Simple Definitive Test for Chloride Salts on Europa
Marc Buie	Southwest Research Institute		GO	Astrometry of 2014MU69 for <i>New Horizons</i> Encounter
John Clarke	Boston University		GO	Variability in the Escape of Water from Mars
Frank Crary	University of Colorado at Boulder		GO	Observing an Artificial Meteor: <i>Cassini's</i> Entry into the Atmosphere of Saturn
Ian Crossfield	University of Arizona		GO	Atmospheric Albedos, Alkalis, and Aerosols of Hot Jupiters
Michal Drahus	Uniwersytet Jagielloński	ESA	GO	Origin and Evolution of the First Known Ultra-Young Asteroid Family and its Doubly-Synchronous Binary Member
Jay Farihi	University College London	ESA	GO	An Ultraviolet Spectral Legacy of Polluted White Dwarfs
Clemence Fontanive	Royal Observatory Edinburgh	ESA	GO	Confirming Planetary-Mass Candidate Companions in Ophiuchus
Kevin France	University of Colorado at Boulder		SNAP	A SNAP UV Spectroscopic Study of Star-Planet Interactions
David Jewitt	University of California – Los Angeles		GO	Comet Nucleus Breakup
Paul Kalas	University of California – Berkeley		GO	Exploring a Highly Perturbed Debris Disk Associated with an Exiled Exoplanet
Erich Karkoschka	University of Arizona		GO	Titan at Opposite Seasons Using STIS Image Cubes
Flavien Kiefer	Tel Aviv University – Wise Observatory		GO	Observation of OH in Beta Pictoris Exocomets
Wladimir Lyra	California State University – Northridge		AR	Photoelectric Instability and Debris Disk Rings: One Theory to Rule Them All
Tiffany Meshkat	California Institute of Technology		GO	Measuring the Structure of Fomalhaut's Dusty Debris Belt via a Fortuitous Stellar Occultation
Luke Moore	Boston University		AR	Variability of Jupiter's Main Auroral Emission and Satellite Footprints
Elisabeth Newton	Harvard University		GO	The Evaporating Exosphere of a Young Planet
Lorenzo Pino	Università degli Studi di Padova	ESA	GO	Is the Atmosphere of the Extremely Irradiated Exoplanet WASP-43b in a Blow-Off State?
Simon Porter	Southwest Research Institute		GO	Primordial Triplicity: A Census of Hierarchical Triples in the Cold Classical Kuiper Belt
Bettina Posselt	The Pennsylvania State University		GO	Is there a Substellar Companion Around the Neutron Star RX J0806.4-4123?
Darin Ragozzine	Florida Institute of Technology		AR	Spinny TNO Triples: New Analyses of the Spin+Orbit Dynamics of Haumea and 1996 TC36

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Christian Schneider	European Space Agency – ESTEC	ESA	GO	The First Spectrally Resolved H- $\alpha$ Measurement of an Accreting Planet
Glenn Schneider	University of Arizona		GO	An Extinction Probe Through the HD 107146 Debris Ring: Taking Unique Advantage of a Background Galaxy Transit
Amy Simon	NASA Goddard Space Flight Center		AR	Understanding Jupiter's Cloud Scale and Energy Spectra from Archival Data
Jessica Spake	University of Exeter	ESA	GO	Characterizing the Atmosphere of a Uniquely Low-Density, Sub-Saturn-Mass Planet
John Spencer	Southwest Research Institute		GO	Understanding Callisto's Atmosphere
Kevin Stevenson	University of Chicago		GO	A Preparatory Program to Identify the Single Best Transiting Exoplanet for <i>JWST</i> Early Release Science
Gonzalo Tancredi	Universidad de La República, Facultad de Ciencias		AR	Geophysics using the <i>Hubble Space Telescope</i>
Jason Wang	University of California – Berkeley		GO	Probing the Young Circumplanetary Environment of a Directly Imaged Exoplanet through a Rare Transit Event
Alycia Weinberger	Carnegie Institution of Washington		AR	Enhancing the Scientific Return from <i>HST</i> Imaging of Debris Disks
Michael Wong	University of California – Berkeley		GO	Wide Field Coverage for Juno (WFCJ): Jupiter's 2D Wind Field and Cloud Structure
Siyi Xu	European Southern Observatory – Germany	ESA	GO	A White Dwarf with an Actively Disintegrating Asteroid
<b><i>Galactic Programs</i></b>				
Hector Arce	Yale University		GO	Taming the Flame: A Near-IR Imaging Study of the NGC 2024 (Flame Nebula) Cluster
Mary Barsony	SETI Institute		GO	DASH Mapping of IC348: The IMF from 2 to 80 Jupiter Masses
Martin Barstow	University of Leicester	ESA	GO	Assessing the Dependency of the Fine Structure Constant on Gravity Using Hot DA White Dwarfs
Nate Bastian	Liverpool John Moores University	ESA	GO	Constraining the Origin of Multiple Populations in Globular Clusters
Howard Bond	The Pennsylvania State University		GO	Planetary Nebulae in the Open Clusters of M 31
Jean-Claude Bouret	CNRS, Laboratoire d'Astrophysique de Marseille	ESA	GO	Before the Burst: The Properties of Rapidly Rotating, Massive Supergiants
Thomas Brown	Space Telescope Science Institute		GO	What Happens in the Atmospheres of Hot Horizontal-Branch Stars near 20,000K?
Sourav Chatterjee	Northwestern University		AR	Identifying Globular Clusters Hosting Large Numbers of Black Holes
Martin Cordiner	Catholic University of America		GO	Confirming Interstellar C60+ Using a New Method for High Signal-to-Noise NIR STIS Spectroscopy
Denija Crnojević	Texas Tech University		GO	An Extremely Asymmetric Dwarf Satellite Distribution around M 101
Nicola Da Rio	University of Florida		GO	Correlating Proper-Motion Kinematics with Stellar Properties in a Very Young Protocluster
Emanuele Dalessandro	Università di Bologna	ESA	GO	What Controls the Onset of the Multiple Population Phenomenon within Globular Clusters?

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Matthew Darnley	Liverpool John Moores University	ESA	GO	Recurrent Nova M31N 2008-12a: The Surrounding 'Super-Remnant'—A Signpost to Type Ia Supernova Progenitors
Nathalie Degenaar	University of Cambridge	ESA	GO	Searching for a Radio Millisecond Pulsar in a Low-Mass X-Ray Binary
Andrea Dieball	Universität Bonn, Argelander Institute for Astronomy	ESA	GO	Hunting for Brown Dwarfs in Globular Clusters: Second Epoch Deep-IR Observations of the Globular Clusters M 4
Aaron Dotter	Harvard University		GO	Ruprecht 106: Too Small to Succeed?
Samuel Factor	University of Texas at Austin		AR	Kernel-Phase Interferometry for Super-Resolution Detection of Faint Companions
Robert Fesen	Dartmouth College		GO	The Mysterious High-Velocity Ejecta Jets in Cassiopeia A
Robert Fesen	Dartmouth College		GO	Mapping Calcium-Rich Ejecta in Two Type Ia Supernovae
Alex Filippenko	University of California – Berkeley		SNAP	Continuing a Snapshot Survey of the Sites of Recent, Nearby Supernovae: Cycle 24
Wen-fai Fong	University of Arizona		GO	Underlying Hosts or Highly Kicked? Determining the Nature of Hostless Short $\gamma$ -Ray Bursts with <i>HST</i>
Ori Fox	Space Telescope Science Institute		GO	The Incredibly Long-Lived SN 2005ip
Ori Fox	Space Telescope Science Institute		GO	UV Spectroscopic Signatures from Type Ia Supernovae Strongly Interacting with a Circumstellar Medium
Adam Frank	University of Rochester		AR	Accretion to Outflow in Evolved Star Binaries: Disks in AGB, PPN and PN
Claes Fransson	Stockholm University	ESA	GO	Supernova 1987A at 30 Years
Boris Gänsicke	The University of Warwick	ESA	GO	SDSS 1240+6710: A Partially Burnt Supernova Remnant
Douglas Gies	Georgia State University Research Foundation		GO	Hiding in Plain Sight: The Low-Mass Helium-Star Companion of EL CVn
Paul Goudfrooij	Space Telescope Science Institute		GO	Extended Star Formation or a Range of Stellar Rotation Velocities? The Nature of Extended Main-Sequence Turnoffs in Intermediate-Age Star Clusters
Dimitrios Gouliermis	Zentrum für Astronomie der Universität Heidelberg	ESA	GO	MYSST: Mapping Young Stars in Space and Time—The H II Complex N44 in the LMC
Melissa Graham	University of Washington		SNAP	A NUV Imaging Survey for Circumstellar Material in Type Ia Supernovae
Or Graur	New York University		GO	Going Gently into the Night: Constraining Type Ia Supernova Nucleosynthesis Using Late-Time Photometry
Nicolas Grosso	Université de Strasbourg I	ESA	GO	Measurement of the Expansion Proper Motions of the Ou4 Giant Bipolar Outflow to Determine its Distance and its True Nature
Hans Günther	Massachusetts Institute of Technology		GO	Identifying the Last Unknown Emission Component in the Herbig System HD 163296
Graham Harper	University of Colorado at Boulder		AR	Constraining Theoretical Wind Models Using the Accelerating Outflows of Cool Evolved Stars as Revealed by <i>Hubble</i>
Graham Harper	University of Colorado at Boulder		GO	Si I and C I Emission from $\zeta$ Aurigae (K4 Ib + B5 V): New Generation Diagnostics of Chromospheric Structure
J. J. Hermes	University of North Carolina at Chapel Hill		GO	Unraveling the Oscillations of the Richest Pulsating Hydrogen-Atmosphere White Dwarf
D. Hillier	University of Pittsburgh		AR	Spectroscopic Analysis: A Key Tool for Understanding the Universe

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Dean Hines	Space Telescope Science Institute		GO	Synoptic Imaging Polarimetry Observations of CRL 2688: What's Whipping the Egg?
Luke Hovey	Los Alamos National Laboratory		GO	Single-Degenerate or Double-Degenerate? The Case for a Third-Epoch Observation of the Confirmed Ia Supernova Remnant 0509-67.5
J. Howk	University of Notre Dame		GO	The Perseus Project: Probing Metal Mixing, Dust Destruction, and Kinematics in the Vertical Extension of the Perseus Arm
C. Jeffery	Armagh Observatory	ESA	GO	Ultraviolet Fluxes and Dynamical Structure in the Pulsating Atmosphere of Helium Star V652 Her
Edward Jenkins	Princeton University		AR	Understanding the Sequestration of Krypton Atoms in the Interstellar Medium
Noe Kains	Space Telescope Science Institute		AR	Searching for an Intermediate-Mass Black Hole in M 22 with Gravitational Microlensing
Igor Karachentsev	Russian Academy of Sciences, Special Astrophysical Observatory		GO	TRGB Distances to the Edge Between the Local Sheet and Virgo Infall: Last of the Low-Hanging Fruit
Mukremin Kilic	University of Oklahoma Norman Campus		GO	Connecting Variability and Metals in White Dwarfs
Hyosun Kim	Academia Sinica, Institute of Astronomy and Astrophysics		GO	Confirming the Wide Binary Companion of IRC+10216
Jiří Krtička	Masaryk University	ESA	GO	Unveiling the Nature of the Only Main-Sequence Pulsar CU Vir
Arunav Kundu	Eureka Scientific Inc.		GO	A Far-Ultraviolet Study of Globular Clusters in NGC 3115
Andrew Levan	The University of Warwick	ESA	GO	Rapid ToO Observations of the First Gravitational Wave Counterparts
Andrew Levan	The University of Warwick	ESA	GO	A Rapid Search for the Counterpart to an Active Magnetar
Knox Long	Eureka Scientific Inc.		GO	Wide-Band Spectra of Nova-Like Variables: A Confrontation of Observations with Theory
Knox Long	Eureka Scientific Inc.		GO	What Makes Radio-Detected and Optically Detected Supernova Remnants in NGC 6946 Different?
Jessica Lu	University of Hawaii		GO	Searching for the Peak of the Initial Mass Function in Galactic Center Star Clusters
Thomas MacCarone	Texas Tech University		GO	Finding AM CVn Stars in 47 Tuc
Morgan MacLeod	University California, Santa Cruz		AR	Unwrapping the Mystery of Flows at the Onset of Common Envelope Using the Remarkable Transient M 31 LRN 2015
Carlo Manara	European Space Agency – ESTEC	ESA	GO	Connecting the Shape of the FUV Spectrum with Disk Morphology: A Combined <i>HST</i> and ALMA Study of Young Stellar Objects in Lupus
Philip Massey	Lowell Observatory		SNAP	Searching for the Most Massive Stars in M 31 and M 33
Jon Mauerhan	University of California – Berkeley		GO	Death or Survival? Determining the Nature of SNe II <sub>n</sub> -P Explosions
Justyn Maund	University of Sheffield	ESA	GO	Exploring the Source of the Late-Time Brightness of SN 2011dh
Justyn Maund	University of Sheffield	ESA	SNAP	A UV Census of the Sites of Core-Collapse Supernovae
Brian Mazur	University of Toledo		GO	<i>HST</i> / <i>WFC3</i> Spectroscopy of <400 AU Companions to Orion Young Stellar Objects
S. Megeath	University of Toledo		GO	<i>WFC3</i> Imaging of 24 $\mu$ m Dropout Protostars in Orion
Antonino Milone	Australian National University		GO	Multiple Stellar Populations in Young Magellanic Cloud Clusters
Ignacio Negueruela	Universidad de Alicante, Dpto. de Física	ESA	GO	MY Cam: Can Homogeneous Evolution Produce Gravitational-Wave Progenitors?



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Matt Nicholl	Harvard University		GO	Determining the Explosion Mechanism of a Superluminous Supernova through the Deepest Ever Late-Time Study
Lida Oskinova	Universität Potsdam	ESA	GO	The Wind Variability in Oscillating Massive Stars
Ruth Peterson	SETI Institute		GO	Tracing the Earliest Nucleosynthesis from Elements Just Past the Iron Peak in Extremely Metal-Poor Dwarfs
John Pineda	California Institute of Technology		GO	Investigating the FUV Emission of Young M Dwarfs with FUMES: the Far Ultraviolet M-Dwarf Evolution Survey
Charles Proffitt	Space Telescope Science Institute		GO	A Definitive Test of Rotational Mixing in Massive Stars
Robert Quimby	San Diego State University		GO	Far UV Spectroscopy of Superluminous Supernovae
Thomas Rauch	Eberhard Karls Universität, Tübingen	ESA	GO	Stellar Laboratories: High-Precision Atomic Physics with STIS
Armin Rest	Space Telescope Science Institute		GO	Spectral Time Series of the Cas A Supernova
R. Rich	University of California – Los Angeles		GO	A Deep WFC3/IR Bulge Luminosity Function: Toward the Hydrogen-Burning Limit
Ian Roederer	University of Michigan		GO	The Unexplored Domains of the s-Process
Aaron Romanowsky	San Jose State University		GO	A Close-Up View of the Star-Formation History of a Young Ultracompact Dwarf
Elena Sabbi	Space Telescope Science Institute		GO	The Primordial Binary Fraction in the Young Massive Cluster Westerlund 2
Raghvendra Sahai	Jet Propulsion Laboratory		GO	<i>HST</i> -COS Ultraviolet Spectroscopy of B[e] Supergiant Stars in the Magellanic Clouds
Raghvendra Sahai	Jet Propulsion Laboratory		GO	Binarity and Accretion Activity in AGB Stars with Variable UV and X-Ray Emission
Kailash Sahu	Space Telescope Science Institute		GO	Detecting Isolated Black Holes through Astrometric Microlensing
David Sand	Texas Tech University		GO	Two New Local Volume Dwarfs Associated with Compact High Velocity Clouds: Distance, Structure and Star-Formation History
Joachim Saur	Universität zu Köln	ESA	GO	Auroral Properties of the Brown Dwarf LSR J1835 + 3259: The UV Perspective
Benjamin Shappee	Carnegie Institution of Washington		GO	Whimper of a Bang: Documenting the Final Days of the Nearby Type Ia Supernova 2011fe
Michael Shara	American Museum of Natural History		GO	Ultraviolet Flashers in M87: Rapidly Recurring Novae as SN Ia Progenitors
Joshua Simon	Carnegie Institution of Washington		GO	ACS Imaging of the Ultra-Faint Dwarf Galaxy Reticulum II: Age-Dating a Unique Nucleosynthetic Event
Edward Sion	Villanova University		GO	Short Orbital-Period Recurrent Novae as Supernovae Type Ia Progenitors
Nathan Smith	University of Arizona		AR	Reconstructing the Past Outburst History of Eta Carinae from WFC2 Proper Motions
Nathan Smith	University of Arizona		GO	UV Signatures of Shock Interaction in an Eta Carinae Analog
Sangmo Sohn	The Johns Hopkins University		GO	Proper Motions of Two Local Prototype Dwarf Elliptical Galaxies NGC 147 and NGC 185
Sangmo Sohn	The Johns Hopkins University		GO	Proper Motions of the Crater-Leo Group: Testing the Group Infall Scenario
Jennifer Sokoloski	Columbia University in the City of New York		GO	Imaging Spectroscopy of V339 Del: Testing Models of $\gamma$ -Ray Production in Classical Novae
Ben Sugerman	Goucher College		GO	Light Echoes and the Environments of SNe 2014J and 2016adj

Name	Institution	ESA	Type	Title
Nial Tanvir	University of Leicester	ESA	GO	r-Process Kilonovae, Short-Duration GRBs, and EM Counterparts to Gravitational-Wave Sources
Eleonora Troja	University of Maryland		GO	Identify the Signature of Neutron Star Mergers through Rapid <i>Hubble</i> Observations of a Short $\gamma$ -Ray Burst
Schuyler Van Dyk	California Institute of Technology		GO	The Stellar Origins of Supernovae
Daniel Wang	University of Massachusetts – Amherst		AR	Variability Studies of Stars in the Central 2 Arcmin of the Galactic Center
Benjamin Williams	University of Washington		GO	Progenitor Masses for Every Nearby Historic Core-Collapse Supernova
<b>AR Legacy Programs</b>				
Gabriel Brammer	Space Telescope Science Institute	ESA	AR	Grizli: The Grism Redshift and Line Database for <i>HST</i> WFC3/IR Spectroscopy
Marios Chatzikos	University of Kentucky		AR	Cloudy as a Shock Modeling Code: Utility for <i>HST</i> , and Looking out to <i>JWST</i>
Charlie Conroy	Harvard University		AR	Measuring the Star-Formation History of the Local Universe
<b>Large Programs</b>				
Björn Benneke	California Institute of Technology		GO	A Search for Methane, Ammonia, and Water on Two Habitable Zone Super-Earths
Rich Bielby	Durham University	ESA	GO	QSAGE: QSO Sightline And Galaxy Evolution
Julianne Dalcanton	University of Washington		GO	A Legacy Imaging Survey of M 33
Denis Grodent	Université de Liège	ESA	GO	<i>HST</i> -Juno Synergistic Approach of Jupiter's Magnetosphere and Ultraviolet Auroras
Julia Roman-Duval	Space Telescope Science Institute	ESA	GO	Metal Evolution and TrAnsport in the Large Magellanic Cloud (METAL): Probing Dust Evolution in Star-Forming Galaxies
Evgenya Shkolnik	Arizona State University		GO	HAZMAT: Habitable Zones and M-Dwarf Activity across Time
Nao Suzuki	Institute for Physics and Mathematics of the Universe		GO	SUbaru Supernovae with <i>Hubble</i> Infrared (SUSHI)
<b>Treasury Programs</b>				
Nitya Kallivayalil	The University of Virginia		GO	Milky Way Cosmology: Laying the Foundation for Full 6-D Dynamical Mapping of the Nearby Universe
David Sing	University of Exeter	ESA	GO	The Panchromatic Comparative Exoplanetary Treasury Program