

**Cycle 13 Approved Programs  
as of 04/02/04**

| First Name | Last Name      | Type | Phase II ID | Institute                                   | Country | Science Category        | Title  |
|------------|----------------|------|-------------|---|---------|-------------------------|--|
| Michael    | A'Hearn        | GO   | 10115       | University of Maryland                      | USA     | Solar System            | Rotation of Comet Tempel 1   |
| Charles    | Alcock         | SNAP | 10130       | University of Pennsylvania                  | USA     | Stellar Populations     | Systemic Proper Motions of the Magellanic Clouds from Astrometry with ACS: II. Second Epoch Images   |
| Almudena   | Alonso-Herrero | GO   | 10169       | Instituto de Estructura de la Materia       | Spain   | Galaxies                | Star Formation in Luminous Infrared Galaxies: giant HII Regions and Super Star Clusters              |
| Jay        | Anderson       | GO   | 10252       | Rice University                             | USA     | Stellar Populations     | Improving the Astrometric Calibration of ACS/WFC for the Most Useful Filters                         |
| Jay        | Anderson       | GO   | 10257       | Rice University                             | USA     | Stellar Populations     | Astrometric and Photometric Study of NGC 6397 for Internal Motions, Dark Binaries, and X-Ray Sources |
| Scott      | Anderson       | GO   | 10120       | University of Washington                    | USA     | Hot Stars               | The Formation Histories and Dynamical Roles of X-ray Binaries in Globular Clusters                   |
| Scott      | Anderson       | SNAP | 10132       | University of Washington                    | USA     | Quasar Absorption Lines | UV Confirmation of New Quasar Sightlines Suitable for the Study of Intergalactic Helium              |
| Nahum      | Arav           | GO   | 10225       | University of Colorado at Boulder           | USA     | AGN/Quasars             | Abundances in AGN outflows: Putting Real Numbers Into Quasar Feedback Scenarios                      |
| Thomas     | Ayres          | GO   | 10203       | University of Colorado at Boulder           | USA     | Cool Stars              | The Deep Lamp Project  |
| John       | Bahcall        | GO   | 10264       | Institute For Advanced Study                | USA     | Hot Stars               | Observing the Next Nearby Supernova  |
| Charles    | Bailyn         | GO   | 10121       | Yale University                             | USA     | Galaxies                | The Core Dynamics of the Dense Globular Cluster NGC 6752   |
| Aaron      | Barth          | GO   | 10239       | California Institute of Technology          | USA     | AGN/Quasars             | A Multiwavelength Study of POX 52, a Dwarf Seyfert Galaxy with an Intermediate-Mass Black Hole       |
| Aaron      | Barth          | GO   | 10240       | California Institute of Technology          | USA     | Galaxies                | Stars versus Gas: A Direct Comparison of Black Hole Mass Measurement Techniques                      |
| Jill       | Bechtold       | AR   | 10318       | University of Arizona                       | USA     | Quasar Absorption Lines | The Legacy HST Data Set of IGM Spectroscopy  |
| Luigi      | Bedin          | GO   | 10146       | Universita di Padova                        | Italy   | Stellar Populations     | Solving the problem of the White Dwarf Cooling Sequence End in M4: an efficient approach             |
| Narciso    | Benitez        | GO   | 10150       | Instituto de Astrofisica de Andalucia (IAA) | Spain   | Cosmology               | NICMOS observations of A1689   |

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| Misty      | Bentz     | GO   | 10181       | Ohio State University  | USA         | Galaxies                     | ACS/NICMOS Imaging of Bright Lyman Break Galaxy Candidates from SDSS                          |
| Mariangela | Bernardi  | SNAP | 10199       | Carnegie Mellon University                                     | USA         | Galaxies                     | The Most Massive Galaxies in the Universe: Double Trouble?                                    |
| Luciana    | Bianchi   | GO   | 10234       | The Johns Hopkins University                                   | USA         | Hot Stars                    | A search for gamma Cas analogs at low metallicity   |
| John       | Biretta   | GO   | 10133       | Space Telescope Science Institute                              | USA         | AGN/Quasars                  | HST / Chandra Monitoring of a Dramatic Flare in the M87 Jet                                   |
| Matthew    | Bobrowsky | AR   | 10304       | Space Telescope Science Institute                              | USA         | ISM and Circumstellar Matter | Departures from Axisymmetry in Planetary Nebulae  |
| Howard     | Bond      | GO   | 10136       | Space Telescope Science Institute                              | USA         | Stellar Populations          | Post-AGB Stars in the Halo of M81   |
| William    | Borucki   | GO   | 10166       | NASA Ames Research Center                                      | USA         | Solar System                 | ACS and WFPC2 Stellar Photometry in the Kepler Mission Target Field                           |
| Wolfgang   | Brandner  | GO   | 10208       | Max-Planck-Institut fur Astronomie, Heidelberg                 | Germany     | Cool Stars                   | NICMOS Differential Imaging Search for Planetary Mass Companions to Nearby Young Brown Dwarfs |
| Joel       | Bregman   | GO   | 10148       | University of Michigan   | USA         | Galaxies                     | The Masses of the Ultraluminous X-Ray Sources   |
| Thomas     | Brown     | GO   | 10261       | Space Telescope Science Institute                              | USA         | Stellar Populations          | The Formation Mechanisms of Extreme Horizontal Branch Stars                                   |
| Thomas     | Brown     | GO   | 10265       | Space Telescope Science Institute                              | USA         | Stellar Populations          | The Formation History of Andromeda  |
| C.         | Carollo   | GO   | 10157       | Eidgenossische Technische Hochschule (ETH)                     | Switzerland | Galaxies                     | Bulges or disks in the centers of late-type spirals?  |
| Rupali     | Chandar   | AR   | 10281       | Space Telescope Science Institute                              | USA         | Stellar Populations          | Evolution of Stars and Stellar Systems. I. The Initial Size Distribution of Clusters          |
| You-Hua    | Chu       | GO   | 10162       | University of Illinois at Urbana - Champaign                   | USA         | ISM and Circumstellar Matter | Resolving the Thermal Conduction Front in the Bubble S308                                     |
| Robin      | Ciardullo | GO   | 10131       | The Pennsylvania State University                              | USA         | Stellar Populations          | Determining the Origin of Virgo's Intracluster Stars  |
| John       | Clarke    | GO   | 10156       | Boston University  | USA         | Solar System                 | Saturn's Auroral Energy Deposition Coordinated with Cassini UVIS                              |
| Geoffrey   | Clayton   | GO   | 10267       | Louisiana State University & Agricultural & Mechanical College | USA         | ISM and Circumstellar Matter | The Shadow Echoes of the Unique R Coronae Borealis Star, UW Cen                               |

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| Seth        | Cohen      | AR   | 10298       | Arizona State University                    | USA         | Galaxies            | Structural Evolution of Galaxies with GOODS and the Ultra-Deep Field  |
| Andrew      | Cole       | GO   | 10242       | Kapteyn Astronomical Institute              | Netherlands | Stellar Populations | Pre-History of a Starburst: Deep Imaging of IC 10   |
| Christopher | Conselice  | GO   | 10201       | California Institute of Technology          | USA         | Galaxies            | The Origin of Dwarf Galaxies and Steep Luminosity Functions in Clusters   |
| Michael     | Corbin     | GO   | 10180       | Space Telescope Science Institute           | USA         | Galaxies            | Ultracompact Blue Dwarfs: Galaxy Formation in the Local Universe?   |
| Frederic    | Courbin    | GO   | 10238       | Universite de Liege                         | Belgium     | AGN/Quasars         | The nature of quasar host galaxies: combining ACS imaging and VLT Integral Field Spectroscopy.                      |
| Arlin       | Crotts     | GO   | 10273       | Columbia University in the City of New York | USA         | Galaxies            | Accurately Mapping M31's Microlensing Population  |
| Kelle       | Cruz       | GO   | 10247       | University of Pennsylvania                  | USA         | Cool Stars          | Resolving a Binary System that Straddles the L/T Transition   |
| Romeel      | Dave       | AR   | 10308       | University of Arizona                       | USA         | Cosmology           | SLACR: The Simulation Lyman Alpha Comparison Repository   |
| Marc        | Davis      | GO   | 10134       | University of California - Berkeley         | USA         | Galaxies            | The Evolution and Assembly of Galactic Disks: Integrated studies of mass, stars and gas in the Extended Groth Strip |
| Richard     | de Grijs   | GO   | 10172       | University of Sheffield                     | UK          | Star Formation      | Our Galaxy's most promising Super Star Cluster candidate, Westerlund 1: Tip of the Iceberg?                         |
| Megan       | Donahue    | SNAP | 10152       | Michigan State University                   | USA         | Cosmology           | A Snapshot Survey of a Complete Sample of X-ray Luminous Galaxy Clusters from Redshift 0.3 to 0.7                   |
| Michael     | Drinkwater | SNAP | 10137       | University of Queensland                    | Australia   | Galaxies            | Cluster Archeology: The Origin of Ultra-compact Dwarf Galaxies  |
| Gordon      | Drukier    | AR   | 10292       | Yale University                             | USA         | Stellar Populations | Theoretical Studies of the Cores of Globular Clusters   |
| Richard     | Ellis      | AR   | 10293       | California Institute of Technology          | USA         | Cosmology           | The Assembly History of Disks and Bulges out to $z=1$   |
| Richard     | Ellis      | GO   | 10159       | California Institute of Technology          | USA         | Cosmology           | Characterizing the Sources Responsible for Cosmic Reionization  |
| Michael     | Endl       | GO   | 10147       | University of Texas at Austin               | USA         | Cool Stars          | Detecting the elusive low mass companion around epsilon Indi  |
| Xiaohui     | Fan        | GO   | 10237       | University of Arizona                       | USA         | AGN/Quasars         | Low-Ionization BALs: Evolution or Orientation?  |
| Christopher | Fassnacht  | AR   | 10300       | University of California - Davis            | USA         | Cosmology           | Properties of moderate-redshift galaxy groups associated with gravitational lenses                                  |
| Christopher | Fassnacht  | GO   | 10158       | University of California - Davis            | USA         | Cosmology           | ACS Observations of the Gravitational Lens B1608+656: Characterizing the Einstein Ring                              |

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| Lori       | Feaga      | AR   | 10313       | Space Telescope Science Institute   | USA         | Solar System                 | The Distribution and Variability of Io's SO <sub>2</sub> Atmosphere  |
| Paul       | Feldman    | GO   | 10144       | The Johns Hopkins University        | USA         | Solar System                 | The Gas Environment of Comet 9P/Tempel 1 During the Deep Impact Encounter  |
| Annette    | Ferguson   | GO   | 10128       | Max-Planck-Institut fur Astrophysik | Germany     | Stellar Populations          | Probing the Formation & Evolution of M31's Outer Disk and Halo, Part II  |
| Gary       | Ferland    | AR   | 10316       | University of Kentucky              | USA         | AGN/Quasars                  | NUMERICAL SIMULATIONS OF OUTFLOWS IN QUASARS: THE MICROPHYSICS OF BAL WINDS  |
| Gary       | Ferland    | GO   | 10124       | University of Kentucky              | USA         | ISM and Circumstellar Matter | Physical Processes in Orion's Veil: A High Resolution UV Absorption Study of the Line of Sight towards the Trapezium                 |
| Robert     | Fesen      | GO   | 10118       | Dartmouth College                   | USA         | ISM and Circumstellar Matter | Imaging the Chemical Distribution in Type Ia SN Ejecta   |
| Alex       | Filippenko | GO   | 10182       | University of California - Berkeley | USA         | Hot Stars                    | Towards a Comprehensive Understanding of Type Ia Supernovae: The Necessity of UV Observations  |
| Derek      | Fox        | GO   | 10119       | California Institute of Technology  | USA         | Galaxies                     | Solving the Mystery of the Short-Hard Gamma-Ray Bursts   |
| Adam       | Frank      | AR   | 10289       | University of Rochester             | USA         | ISM and Circumstellar Matter | The Astrophysics of Heterogeneous ("Clumpy") Stellar Outflows  |
| Marijn     | Franx      | GO   | 10196       | Universiteit Leiden                 | Netherlands | Cosmology                    | Morphologies of a new class of rest-frame optical selected high redshift galaxies  |
| Scott      | Friedman   | GO   | 10232       | Space Telescope Science Institute   | USA         | ISM and Circumstellar Matter | Constraining Models of Galactic Chemical Evolution and Mixing by Measuring the Spatial Variability of D/H in the Interstellar Medium |
| Jack       | Gabel      | GO   | 10230       | University of Colorado at Boulder   | USA         | AGN/Quasars                  | Radial Velocity Variability in the Mass Outflow in the Seyfert 1 Galaxy NGC 3783   |
| Boris      | Gaensicke  | SNAP | 10194       | The University of Warwick           | UK          | Hot Stars                    | Towards a global understanding of accretion physics - Clues from an UV spectroscopic survey of Cataclysmic Variables                 |
| Rajib      | Ganguly    | AR   | 10296       | Space Telescope Science Institute   | USA         | AGN/Quasars                  | Searching for Quasar-Intrinsic Absorption Through Time Variability   |
| Donald     | Garnett    | GO   | 10190       | University of Arizona               | USA         | Galaxies                     | The Star Formation History and Metallicity Evolution of M33: A Comprehensive Study of Disk Evolution                                 |
| Karl       | Gebhardt   | AR   | 10315       | University of Texas at Austin       | USA         | Stellar Populations          | Central Surface Brightness Profiles of LMC Globular Clusters   |

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| Douglas    | Gies       | GO   | 10243       | Georgia State University Research Foundation | USA     | Hot Stars               | Wind Accretion and State Transitions in the Black Hole Binary Cyg X-1  |
| Armando    | Gil de Paz | AR   | 10321       | Carnegie Institution of Washington           | USA     | Galaxies                | Determining the formation epoch of dwarf galaxies using the HST/ACS Ultra Deep Field                         |
| Nickolay   | Gnedin     | AR   | 10283       | University of Colorado at Boulder            | USA     | Cosmology               | Confronting HST Observations of Dwarf Spheroidals with Theory  |
| Paul       | Goudfrooij | GO   | 10227       | Space Telescope Science Institute            | USA     | Galaxies                | Globular Cluster Systems of Giant, Post-Starburst Shell Ellipticals  |
| Denis      | Grodent    | GO   | 10140       | Universite de Liege                          | Belgium | Solar System            | Identification of a magnetic anomaly at Jupiter from satellite footprints                                    |
| Caryl      | Gronwall   | AR   | 10324       | The Pennsylvania State University            | USA     | Cosmology               | The Morphology of Ly-alpha Emission Galaxies at z=3.11 in the GOODS-S Field                                  |
| Edward     | Guinan     | GO   | 10114       | Villanova University                         | USA     | Cool Stars              | Lyman_alpha FUV observations of the Sun in time and effects on planetary atmospheres                         |
| Edward     | Guinan     | GO   | 10116       | Villanova University                         | USA     | Hot Stars               | Towards an Accurate Calibration of the Galactic Cepheid P-L Zero Point                                       |
| William    | Harris     | GO   | 10260       | McMaster University                          | Canada  | Stellar Populations     | The Most Massive Star Clusters: Supermassive Globular Clusters or Dwarf Galaxy Nuclei?                       |
| Carole     | Haswell    | GO   | 10271       | Open University                              | UK      | Hot Stars               | IY UMa: A literal probe of accretion disc structure  |
| Suzanne    | Hawley     | AR   | 10312       | University of Washington                     | USA     | Cool Stars              | Investigation of M Dwarf Atmospheres Using Archival STIS Data  |
| Amanda     | Hendrix    | AR   | 10319       | Jet Propulsion Laboratory                    | USA     | Solar System            | An Analysis of HST and IUE Spectra to Investigate the Effects of Space Weathering at Ultraviolet Wavelengths |
| Gregory    | Herczeg    | GO   | 10221       | University of Colorado at Boulder            | USA     | Star Formation          | Uncovering the unknown Ly-alpha flux in classical T Tauri stars  |
| Dean       | Hines      | GO   | 10178       | Space Science Institute                      | USA     | Star Formation          | Imaging Polarimetry of Young Stellar Objects with ACS and NICMOS: A study in dust grain evolution            |
| Donald     | Hoard      | SNAP | 10255       | California Institute of Technology           | USA     | Stellar Populations     | A Never Before Explored Phase Space: Resolving Close White Dwarf / Red Dwarf Binaries                        |
| Elliott    | Horch      | GO   | 10197       | University of Massachusetts Dartmouth        | USA     | Stellar Populations     | The Astrophysical Parameters of Very Metal-Poor Halo Binaries  |
| J.         | Howk       | GO   | 10151       | University of California - San Diego         | USA     | Quasar Absorption Lines | Testing the Warm-Hot Intergalactic Medium Paradigm   |

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| John       | Huchra       | GO   | 10250       | Smithsonian Institution Astrophysical Observatory       | USA     | Stellar Populations          | Star Clusters and Stellar Populations in M81                           |
| Roberta    | Humphreys    | GO   | 10262       | University of Minnesota - Twin Cities                   | USA     | Cool Stars                   | The 3D Morphology of the Extreme Red Supergiant VY CMa                 |
| Robert     | Hynes        | GO   | 10253       | University of Texas at Austin                           | USA     | Hot Stars                    | A UV Survey of Quiescent Black Holes and Neutron Stars                 |
| GianLuca   | Israel       | GO   | 10218       | INAF, Osservatorio Astronomico di Roma                  | Italy   | Hot Stars                    | Unveiling the nature of the 321s orbital period binary RXJ0806.3+1527  |
| Edward     | Jenkins      | AR   | 10279       | Princeton University                                    | USA     | ISM and Circumstellar Matter | A Comprehensive Study of Interstellar Depletions                       |
| Christine  | Jones        | GO   | 10200       | Smithsonian Institution Astrophysical Observatory       | USA     | Cosmology                    | Dark Matter Constraints from the Merging Cluster 1E0657-56             |
| Andres     | Jordan       | GO   | 10217       | Rutgers the State University of New Jersey              | USA     | Galaxies                     | The ACS Fornax Cluster Survey  |
| Paul       | Kalas        | GO   | 10228       | University of California - Berkeley                     | USA     | ISM and Circumstellar Matter | Multi-color HST imaging of the GJ 803 debris disk                      |
| Igor       | Karachentsev | GO   | 10235       | Russian Academy of Sciences, Special Astrophysical Obs. | Russia  | Galaxies                     | Dark vs. luminous matter in the CenA/M83 galaxy complex                |
| Erich      | Karkoschka   | GO   | 10192       | University of Arizona                                   | USA     | Solar System                 | Jupiter's Upper Stratospheric Hazes Probed with Ganymede               |
| Charles    | Keyes        | GO   | 10153       | Space Telescope Science Institute                       | USA     | ISM and Circumstellar Matter | Multi-wavelength Observations of Symbiotic Stars in Outburst           |
| David      | Kirkman      | AR   | 10288       | University of California - San Diego                    | USA     | Quasar Absorption Lines      | The astrophysics of the intergalactic medium at intermediate redshifts |
| Robert     | Kirshner     | GO   | 10263       | Harvard University                                      | USA     | ISM and Circumstellar Matter | SAINTS - Supernova 1987A INTensive Survey                              |

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| Christian  | Knigge     | GO   | 10183       | University of Southampton                         | UK          | Hot Stars                    | A Deep Far-UV Search for the Interacting Binary Population in M80                                   |
| Henry      | Kobulnicky | GO   | 10276       | University of Wyoming                             | USA         | Stellar Populations          | Resolving the Distance Ambiguity for the Galactic Open Cluster Westerlund 2                         |
| Leon       | Koopmans   | SNAP | 10174       | Kapteyn Astronomical Institute                    | Netherlands | Galaxies                     | Dark-matter halos and evolution of high-z early-type galaxies                                       |
| Claudia    | Kretchmer  | GO   | 10258       | The Johns Hopkins University                      | USA         | Galaxies                     | Tracing the Emergence of the Hubble Sequence Among the Most Luminous and Massive Galaxies           |
| Shrinivas  | Kulkarni   | GO   | 10135       | California Institute of Technology                | USA         | Galaxies                     | Unveiling the Progenitors and Physics of Cosmic Explosions  |
| James      | Lauroesch  | GO   | 10274       | Northwestern University                           | USA         | ISM and Circumstellar Matter | Prospecting for Rare Elements in the Interstellar Medium  |
| Stephen    | Lawrence   | AR   | 10294       | Hofstra University                                | USA         | ISM and Circumstellar Matter | The SN 1987A/LMC "Deep Field"   |
| Karen      | Leighly    | GO   | 10125       | University of Oklahoma Norman Campus              | USA         | AGN/Quasars                  | Where is the Wind in 1H0707-495?  |
| Claus      | Leitherer  | SNAP | 10186       | Space Telescope Science Institute                 | USA         | ISM and Circumstellar Matter | A Lyman-alpha Snapshot Survey of FBS and SBS Galaxies   |
| Weidong    | Li         | SNAP | 10272       | University of California - Berkeley               | USA         | Stellar Populations          | A Snapshot Survey of the Sites of Recent, Nearby Supernovae   |
| Alex       | Lobel      | GO   | 10212       | Harvard University                                | USA         | Cool Stars                   | A Critical Test for Radiatively Driven Hot Winds in Cool Stars                                      |
| Ralph      | Lorenz     | GO   | 10270       | University of Arizona                             | USA         | Solar System                 | Titan : Huygens Probe Entry Fireball and UV Seasonal Change   |
| Kevin      | Luhman     | GO   | 10138       | Smithsonian Institution Astrophysical Observatory | USA         | Stellar Populations          | Searching for the Bottom of the Initial Mass Function   |
| Tariq      | Majeed     | AR   | 10301       | University of Michigan                            | USA         | Solar System                 | Jovian Upper Atmospheric Dynamics and Thermal Structure from STIS Observations of Auroral Emissions |
| Matthew    | Malkan     | GO   | 10226       | University of California - Los Angeles            | USA         | Galaxies                     | The NICMOS Grism Parallel Survey  |

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| Jodie       | Martin     | AR   | 10306       | The University of Virginia             | USA         | Galaxies                | Archival Study of Merger-Induced Populations in Early-Type Galaxy Cores  |
| Smita       | Mathur     | GO   | 10211       | Ohio State University                  | USA         | Quasar Absorption Lines | A Combined HST/Chandra Study for Finding the Baryons in the Low Redshift Universe.                                     |
| Dean        | McLaughlin | AR   | 10323       | Space Telescope Science Institute      | USA         | Stellar Populations     | ORIGIN OF THE GLOBULAR CLUSTER FUNDAMENTAL PLANE   |
| William     | Merline    | GO   | 10165       | Southwest Research Institute           | USA         | Solar System            | Determination of orbits and colors for two new binaries in the Koronis asteroid family                                 |
| George      | Miley      | GO   | 10127       | Universiteit Leiden                    | Netherlands | Cosmology               | IMAGING A PROTOCLUSTER AT $z = 3.1$ : EFFECTS OF ENVIRONMENT AND EVOLUTION ON GALAXY POPULATIONS IN THE EARLY UNIVERSE |
| Anthony     | Moffat     | GO   | 10163       | Universite de Montreal                 | Canada      | Hot Stars               | Weighing the Most Luminous Main-Sequence Star in the Galaxy  |
| Nicholas    | Morgan     | GO   | 10223       | Yale University                        | USA         | Quasar Absorption Lines | Probing a damped Lyman-alpha system along two lines of sight   |
| Mark        | Morris     | AR   | 10285       | University of California - Los Angeles | USA         | Hot Stars               | Accreting White Dwarfs and Neutron Stars Near the Galactic Center  |
| Priyamvada  | Natarajan  | AR   | 10302       | Yale University                        | USA         | Cosmology               | PROBING THE NATURE OF DARK MATTER USING CLUSTER LENSING  |
| James       | Neff       | GO   | 10219       | College of Charleston                  | USA         | Star Formation          | Are Dust Disks and Circumstellar Gas Around Young A Stars Unrelated Phenomena?   |
| Edmund      | Nelan      | SNAP | 10202       | Space Telescope Science Institute      | USA         | Hot Stars               | Resolving OB Binaries in the Carina Nebula, Resuming the Survey  |
| Hagai       | Netzer     | GO   | 10193       | Tel Aviv University - Wise Observatory | Israel      | AGN/Quasars             | Can Narrow-Line Regions in Luminous AGN be Enormously Large?   |
| Antonella   | Nota       | GO   | 10248       | Space Telescope Science Institute      | USA         | Stellar Populations     | Current star formation in young, compact clusters in the Small Magellanic Cloud  |
| Christopher | O'Dea      | SNAP | 10117       | Space Telescope Science Institute      | USA         | AGN/Quasars             | The Co-Evolution of Star Formation and Powerful Radio Activity in Galaxies   |
| Edward      | Olszewski  | GO   | 10126       | University of Arizona                  | USA         | Stellar Populations     | The 3-D Shape of the SMC: Is It Tidally Distorted?   |
| George      | Pavlov     | GO   | 10171       | The Pennsylvania State University      | USA         | Hot Stars               | Ultraviolet Spectrum of the Binary Millisecond Pulsar J0437-4715   |
| Roser       | Pello      | GO   | 10154       | Observatoire Midi-Pyrenees             | France      | Cosmology               | Morphology of $z \sim 7-10$ galaxies viewed through gravitational telescopes   |
| Chien       | Peng       | GO   | 10149       | University of Arizona                  | USA         | AGN/Quasars             | The Coevolution of Supermassive Black Holes and Galaxies at $z \sim 3$   |

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| Bradley    | Peterson  | GO   | 10139       | Ohio State University                 | USA     | AGN/Quasars                  | Structure of the Accretion Disk in the NLS1 NGC 4051   |
| Slawomir   | Piatek    | GO   | 10229       | New Jersey Institute of Technology    | USA     | Stellar Populations          | Space Motions for the Draco and Sextans Dwarf Spheroidal Galaxies  |
| Norbert    | Pirzkal   | AR   | 10299       | Space Telescope Science Institute     | USA     | Galaxies                     | Morphological analysis of $z=5.7$ Lyman Alpha sources in the GOODS/UDF fields                                    |
| Jason      | Prochaska | GO   | 10207       | University of California - Santa Cruz | USA     | Galaxies                     | Star Formation in Damped Ly $\alpha$ Galaxies: Testing the Connection with the Lyman Break Population            |
| Charles    | Proffitt  | SNAP | 10175       | Catholic University of America        | USA     | Hot Stars                    | STIS Snapshot Survey of Boron Abundances in Early-B Stars  |
| Daniel     | Proga     | AR   | 10305       | University of Colorado at Boulder     | USA     | AGN/Quasars                  | Outflows from Seyfert galaxies: a challenge to current models  |
| Thomas     | Puzia     | GO   | 10129       | Space Telescope Science Institute     | USA     | Galaxies                     | Resolving Globular Clusters in NGC 1399  |
| Kathy      | Rages     | SNAP | 10170       | SETI Institute                        | USA     | Solar System                 | Atmospheric Variability on Uranus and Neptune  |
| Thomas     | Rauch     | GO   | 10209       | Dr.-Remeis-Sternwarte, Bamberg        | Germany | Hot Stars                    | On the evolutionary status of extremely hot helium stars - are the O(He) stars successors of the RCrB stars?     |
| Seth       | Redfield  | SNAP | 10236       | University of Texas at Austin         | USA     | ISM and Circumstellar Matter | A SNAPSHOT Survey of the Local Interstellar Medium: New NUV Observations of Stars with Archived FUV Observations |
| I.         | Reid      | SNAP | 10143       | Space Telescope Science Institute     | USA     | Cool Stars                   | Ultracool companions to the nearest L dwarfs   |
| James      | Rhoads    | GO   | 10195       | Space Telescope Science Institute     | USA     | Galaxies                     | Probing the Surroundings of a Highly Luminous Redshift 6.5 Galaxy  |
| Jason      | Rhodes    | AR   | 10314       | California Institute of Technology    | USA     | Cosmology                    | Connecting Mass to Light in the GOODS Fields   |
| Douglas    | Richstone | GO   | 10245       | University of Michigan                | USA     | Galaxies                     | The Masses of the Quasar Relics  |
| Adam       | Riess     | GO   | 10189       | Space Telescope Science Institute     | USA     | Cosmology                    | PANS-Probing Acceleration Now with Supernovae  |
| Massimo    | Robberto  | GO   | 10246       | Space Telescope Science Institute     | USA     | Star Formation               | The HST survey of the Orion Nebula Cluster   |
| Andrew     | Robinson  | GO   | 10160       | Rochester Institute of Technology     | USA     | AGN/Quasars                  | The nuclear scattering geometry of Seyfert galaxies  |
| Jessica    | Rosenberg | GO   | 10254       | University of Colorado at Boulder     | USA     | Galaxies                     | The Size and Shape of a Spiral Galaxy's Gaseous Halo   |

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|------------|-----------------|------|-------------|--|---------|------------------------------|--|
| Raghvendra | Sahai           | AR   | 10317       | Jet Propulsion Laboratory                      | USA     | Cool Stars                   | The Hydrodynamics of Collimated Flow Interactions around Dying Stars                                   |
| Raghvendra | Sahai           | SNAP | 10185       | Jet Propulsion Laboratory                      | USA     | Cool Stars                   | When does Bipolarity Impose itself on the Extreme Mass Outflows from AGB Stars? An ACS SNAPshot Survey |
| Blair      | Savage          | GO   | 10266       | University of Wisconsin - Madison              | USA     | ISM and Circumstellar Matter | Origins of the Highly Ionized Gas toward the X-ray Bright BL Lac Object Mrk 421                        |
| Ricardo    | Schiavon        | GO   | 10224       | The University of Virginia                     | USA     | Stellar Populations          | Spatially Resolved mid-UV Spectra of the Centers of Local Group Galaxies                               |
| Glenn      | Schneider       | GO   | 10177       | University of Arizona                          | USA     | ISM and Circumstellar Matter | Solar Systems In Formation: A NICMOS Coronagraphic Survey of Protoplanetary and Debris Disks           |
| Regina     | Schulte-Ladbeck | AR   | 10282       | University of Pittsburgh                       | USA     | Quasar Absorption Lines      | Discovery of two Star-Forming Galaxies causing strong Quasar Absorption Lines                          |
| Regina     | Schulte-Ladbeck | GO   | 10142       | University of Pittsburgh                       | USA     | Quasar Absorption Lines      | The connection between star-forming galaxies and low-redshift quasar absorption line systems           |
| Anil       | Seth            | AR   | 10309       | University of Washington                       | USA     | Galaxies                     | The Globular Cluster Systems of Low Mass Spiral Galaxies   |
| Richard    | Shaw            | SNAP | 10251       | National Optical Astronomy Observatories, AURA | USA     | ISM and Circumstellar Matter | SNAPSHOT Survey of SMC Planetary Nebulae   |
| Joseph     | Shields         | GO   | 10191       | Ohio University                                | USA     | AGN/Quasars                  | A Fundamental Test of Accretion Physics with NGC 4203  |
| Isaac      | Shlosman        | AR   | 10284       | University of Kentucky                         | USA     | AGN/Quasars                  | Formation of Structure in AGN Accretion Disk Winds: Theory and Observational Implications              |
| Mark       | Showalter       | GO   | 10275       | NASA Ames Research Center                      | USA     | Solar System                 | The Moons, Rings and Arcs of Uranus: Discovery and Dynamics  |
| David      | Silva           | SNAP | 10222       | European Southern Observatory - Germany        | Germany | Galaxies                     | The Next Generation Spectral Library   |
| Stephen    | Smartt          | GO   | 10187       | University of Cambridge                        | UK      | Hot Stars                    | Direct imaging of the progenitors of massive, core-collapse supernovae                                 |
| Nathan     | Smith           | GO   | 10241       | University of Colorado at Boulder              | USA     | Star Formation               | An ACS H-alpha Survey of the Carina Nebula   |

| First Name  | Last Name        | Type | Phase II ID | Institute   | Country | Science Category             | Title  |
|-------------|------------------|------|-------------|---|---------|------------------------------|--|
| Christopher | Snedden          | GO   | 10220       | University of Texas at Austin                     | USA     | Cool Stars                   | Probing the Nucleosynthesis Products of the First Stars  |
| Rachel      | Somerville       | AR   | 10290       | Space Telescope Science Institute                 | USA     | Galaxies                     | Constraints on galaxy formation models from size evolution of galactic disks and spheroids                             |
| Inseok      | Song             | GO   | 10176       | University of California - Los Angeles            | USA     | Star Formation               | Coronagraphic Survey for Giant Planets Around Nearby Young Stars   |
| Roberto     | Soria            | GO   | 10214       | University College London (UCL)                   | UK      | Hot Stars                    | ACS/HRC imaging of two very bright ultra-luminous X-ray sources (ULXs)   |
| William     | Sparks           | SNAP | 10173       | Space Telescope Science Institute                 | USA     | AGN/Quasars                  | Infrared Snapshots of 3CR Radio Galaxies   |
| John        | Spencer          | GO   | 10269       | Southwest Research Institute                      | USA     | Solar System                 | The Relative Roles of Volcanism and Sublimation in Supporting Io's Atmosphere  |
| Letizia     | Stanghellini     | GO   | 10259       | Space Telescope Science Institute                 | USA     | ISM and Circumstellar Matter | Planetary nebulae in the SMC: a study of stellar evolution and populations in an extremely low-metallicity environment |
| Danny       | Steeghs          | GO   | 10122       | Smithsonian Institution Astrophysical Observatory | USA     | Hot Stars                    | Accretion in the closest binary systems known  |
| Charles     | Steidel          | AR   | 10311       | California Institute of Technology                | USA     | Galaxies                     | The Physical Nature of Galaxy Morphology During the Peak Epoch of Galaxy Formation                                     |
| Thaisa      | Storchi-Bergmann | GO   | 10215       | Universidade Federal do Rio Grande do Sul         | Brazil  | AGN/Quasars                  | STIS follow-up spectroscopy of Seyfert galaxies from Cycle 11 near-UV imaging survey                                   |
| Ben         | Sugerman         | GO   | 10204       | Space Telescope Science Institute                 | USA     | ISM and Circumstellar Matter | Evolution of Light Echoes of SN 1993J  |
| Paula       | Szkody           | GO   | 10233       | University of Washington                          | USA     | Hot Stars                    | Determining the Instability Strip for Accreting White Dwarfs   |
| Clive       | Tadhunter        | GO   | 10206       | University of Sheffield                           | UK      | AGN/Quasars                  | What drives the outflows in powerful radio galaxies?   |
| Peter       | Tamblyn          | AR   | 10320       | Southwest Research Institute                      | USA     | Solar System                 | Deep Archival Search for Trans-Neptunian Objects   |
| Laurence    | Trafton          | AR   | 10322       | University of Texas at Austin                     | USA     | Solar System                 | Electron Impact Simulations of Io's Atmosphere   |
| Tommaso     | Treu             | GO   | 10216       | University of California - Los Angeles            | USA     | Cosmology                    | Co-evolution of spheroids and black holes  |
| David       | Trilling         | GO   | 10268       | University of Pennsylvania                        | USA     | Solar System                 | Recovery of three faint Kuiper Belt Objects discovered with HST  |

| First Name | Last Name    | Type | Phase II ID | Institute   | Country   | Science Category             | Title  |
|------------|--------------|------|-------------|---|-----------|------------------------------|--|
| Todd       | Tripp        | AR   | 10280       | University of Massachusetts                                 | USA       | ISM and Circumstellar Matter | Fundamental Properties of Gas in the Distant Galactic Halo and Leading Arm of the Magellanic Stream                    |
| R.         | Tully        | GO   | 10210       | University of Hawaii  | USA       | Cosmology                    | Groups of Dwarf Galaxies: Pools of Mostly Dark Matter?   |
| David      | Turnshek     | GO   | 10278       | University of Pittsburgh                                    | USA       | Quasar Absorption Lines      | Probing the Outer Regions of M31 with QSO Absorption Lines   |
| David      | Tytler       | GO   | 10256       | University of California - San Diego                        | USA       | Quasar Absorption Lines      | Doubling the Data on the HeII Re-ionization of the Intergalactic Medium  |
| Schuyler   | Van Dyk      | AR   | 10297       | California Institute of Technology                          | USA       | Stellar Populations          | The Local Environments of Supernovae   |
| Gerardo    | Vazquez      | AR   | 10307       | Space Telescope Science Institute                           | USA       | Stellar Populations          | Photo- and Spectro-Chemical Evolution Models for Starburst Galaxies  |
| Alfred     | Vidal-Madjar | GO   | 10145       | CNRS, Institute d'Astrophysique de Paris                    | France    | Star Formation               | Physical parameters of the upper atmosphere of the extrasolar planet HD209458b   |
| Nicole     | Vogt         | GO   | 10249       | New Mexico State University                                 | USA       | Galaxies                     | Mass Distributions of $z \sim 1$ Galaxies: Probing Substructure and Dynamical Evidence for Bulges in Velocity Profiles |
| Nolan      | Walborn      | GO   | 10205       | Space Telescope Science Institute                           | USA       | Hot Stars                    | Critical STIS Spectroscopy and ACS Imagery at the Top of the IMF   |
| Rachel     | Webster      | GO   | 10123       | University of Melbourne                                     | Australia | AGN/Quasars                  | Microarcsecond Imaging of a Gravitationally Lensed QSO: 2237+0305  |
| Alycia     | Weinberger   | GO   | 10167       | Carnegie Institution of Washington                          | USA       | ISM and Circumstellar Matter | Imaging of Ices in Circumstellar Disks   |
| Alycia     | Weinberger   | GO   | 10168       | Carnegie Institution of Washington                          | USA       | ISM and Circumstellar Matter | Spatially Resolved Spectroscopy of HR 4796A's Dust Ring  |
| Daniel     | Welty        | GO   | 10155       | University of Chicago                                       | USA       | ISM and Circumstellar Matter | A Mini-Survey of Interstellar Abundances in the Magellanic Clouds  |
| Daniel     | Welty        | GO   | 10164       | University of Chicago                                       | USA       | ISM and Circumstellar Matter | HD 62542: Probing the Bare, Dense Core of an Interstellar Cloud  |
| Klaus      | Werner       | GO   | 10141       | Universitat Tubingen, Institut fur Astronomie & Astrophysik | Germany   | Hot Stars                    | UV spectroscopy of the hot bare stellar core H1504+65  |

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|------------|-------------|------|-------------|-------------------------------------|---------|------------------------------|--|
| Michael    | West        | GO   | 10277       | University of Hawaii                | USA     | Stellar Populations          | Ages and Metallicities of the Intergalactic Globular Cluster Population in Abell 1185          |
| Bradley    | Whitmore    | GO   | 10188       | Space Telescope Science Institute   | USA     | Galaxies                     | In-Depth Study of The Antennae with NICMOS and ACS   |
| Jody       | Wilson      | AR   | 10295       | Boston University                   | USA     | Solar System                 | The Escape of Oxygen from Mars   |
| Michael    | Wong        | GO   | 10161       | University of California - Berkeley | USA     | Solar System                 | Fresh ammonia-ice on Jupiter: The northern equatorial region.                                  |
| Przemyslaw | Wozniak     | SNAP | 10198       | Los Alamos National Laboratory      | USA     | Stellar Populations          | Probing the Dynamics of the Galactic Bar through the Kinematics of Microlensed Stars           |
| Mark       | Wyatt       | GO   | 10244       | Royal Observatory Edinburgh         | UK      | ISM and Circumstellar Matter | Coronagraphic imaging of Eta Corvus: a newly discovered debris disk at 18 pc                   |
| Lin        | Yan         | AR   | 10303       | Jet Propulsion Laboratory           | USA     | Galaxies                     | Extremely Red Galaxies at $z > 1$ in the COSMOS Field  |
| Farhad     | Yusef-Zadeh | AR   | 10291       | Northwestern University             | USA     | Galaxies                     | The Distribution of Stars Around the Massive Black Hole at the Galactic Center                 |
| Farhad     | Yusef-Zadeh | GO   | 10179       | Northwestern University             | USA     | Galaxies                     | A Coordinated NICMOS and XMM Experiment to Observe the Variability of Sgr A*                   |
| Silvia     | Zane        | GO   | 10213       | Mullard Space Science Laboratory    | UK      | Hot Stars                    | Optical identification of two nearby Isolated Neutron Stars through proper motion measurement. |
| Wei        | Zheng       | AR   | 10310       | The Johns Hopkins University        | USA     | Galaxies                     | Windows of the Early Universe beyond Redshift 7  |
| Wei        | Zheng       | GO   | 10231       | The Johns Hopkins University        | USA     | Quasar Absorption Lines      | Tracing the Reionization History of Intergalactic Helium out to Redshift 3.8                   |
| David      | Zurek       | GO   | 10184       | American Museum of Natural History  | USA     | Hot Stars                    | A New Class of Bright Ultraviolet Variable Sources in the Globular Cluster NGC 1851            |