

MMT Observing Programs
January – April 2008

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| PA-07B-0046 | Reiprich, Israel, Erben, Schneider, Vikhlinin, Rines, Sarazin | Weak Lensing Mass Reconstruction of a Complete Sample of Distant X-Ray Selected Galaxy Clusters |
| PA-07B-0538 | Kulkarni, York, Khare | The Nature of Dusty Damped Lyman-Alpha Absorption Systems |
| PA-08A-0391 | Ly, Malkan, Nagao, Kashikawa, Shimasaku | Follow-Up Spectroscopy for $z \leq 1.2$ Emission-Line Galaxies in the Subaru Deep Field |
| PA-08A-0432 | Brink, Mateo | The Kinematics of the Sagittarius Dwarf Galaxy Stream |
| SAO-1 | McLeod, Conroy | Megacam Engineering |
| SAO-2 | Brown, Geller, Kenyon, Kurtz | Hypervelocity Stars |
| SAO-3 | Rines, Vikhlinin | The Most Massive Clusters at $z = 0.2$: Cosmology and Scaling Relations |
| SAO-4 | Allen, Furesz, Szentgyorgyi, Briceño, Megeath, Thomas, Muzerolle, Calvet, Hartmann, Hernandez | The All Orion Spectroscopic Survey: Masses, Ages, and Disk Frequencies |
| SAO-5 | Dupree, Strader, McCarthy | Search for Fast Wind with ARIES at J Band |
| SAO-6 | McLeod, Mandelbaum, Bernstein, Nakajima | Lensing Survey of Dark Matter in Supermassive Galaxy Clusters |
| SAO-7 | Maughan, Dahle, Joy, Murray | A Weak Lensing/X-Ray/SZE Calibration of Galaxy Cluster Mass Estimators |
| SAO-8 | Willman, Seth, Zaritsky, Sand, Harris | Nature versus Nurture in the Formation of the Lowest Mass Galaxies |
| SAO-9 | Koenig, Allen | Sequential Star Formation and the IMF in W5 |
| SAO-10 | Kirshner, Blondin, Hicken, Challis | Supernova Spectroscopy |
| SAO-11 | Mamajek, Hinz, Kenworthy, Heinze, Meyer | MMTAO/CLIO Survey for Super-Jupiters Around Nearby A-Type Stars |

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| SAO-12 | Meibom, Barnes, Mathieu, Hartman, Holman | The Connection Between Binarity, Circumstellar Disks, and Stellar Rotation |
| SAO-13 | Kirshner, Fesen | The Ultraluminous Oxygen-Rich Supernova Remnant in NGC 4449 |
| SAO-14 | Falco, Mediavilla, Motta | Microlensing Probes of the Dark Halos of Galaxies and the Structure of AGNs |
| SAO-15 | Willman, Walsh | Pursuit of the Least Luminous Galaxies |
| SAO-16 | Meibom, Covey, Lada, Muench, Szentgyorgyi | A Doppler Survey for Close Binaries in IC348 |
| SAO-17 | Liu, Di Stefano | A Luminous Supersoft X-Ray Source in M81: A Near-Chandrasekhar Mass White Dwarf |
| SAO-18 | Constantin, Shields | Towards an Accurate Census of the Local Growing Supermassive Black Holes |
| SAO-19 | Ge, Peng, Zhou | Toward Understanding the Quasar 2175- \AA Absorbers |
| SAO-20 | Mamajek, Hinz, Kenworthy, Meyer | Imaging the Nearest Extrasolar Planet with MMT/AO with CLIO |
| SAO-22 | Meyer, Kenyon, Hinz, Skemer | Resolving the IR Dust Disk in the Extrasolar Planetary System HD 69830 |
| SAO-23 | Brown, Geller | Extreme Metal Poor Galaxies |
| SAO-24 | Sozzetti, Latham, Torres, Teixeira, Hinz, Heinze, Sivanandam | Search for Sub-Stellar Companions to Stars Hosting Planets and Brown Dwarfs |
| SAO-25 | Currie, Kenyon, Evans | Accretion Signatures and Cluster Membership in η and χ Persei and NGC 1960 |
| SAO-26 | Dupree, Meibom | Stellar Ages with HectoChelle |
| SAO-27 | Covey, Muench, Meibom, Lada | HectoChelle H α Observations of IC 348: Angular Momentum Evolution at the Lowest Masses |
| SAO-28 | Allen, Furesz, Szentgyorgyi, Briceño, Megeath, Muzerolle, Calvet, Hartmann, Hernandez | The All Orion Spectroscopic Survey: Kinematics and Accretion Rates |

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| SAO-29 | Keremedjiev, Eikenberry, Gonzalez, Raines | High Resolution CaT Velocity Dispersions in the Virgo Cluster |
| UAO-E32 | Lloyd-Hart, Milton, Powell, Stalcup, Kulesa, McCarthy | Ground-Layer Adaptive Optics with Laser Guide Stars at the MMT |
| UAO-E34 | McCarthy, Kulesa | Continued Commissioning of ARIES at the MMT |
| UAO-G65 | Sarazin, Reiprich, Israel, Vikhlinin, Rines, Erben, Schneider | Studying the Nature of Dark Energy with Galaxy Clusters |
| UAO-G66 | Thuan, Izotov | A Search for Extremely Low-Metallicity Dwarf Emission-Line Galaxies in the Sloan Digital Sky Survey |
| UAO-L29 | Kenworthy, Hinz | Detecting Giant Planets in to the Ice Line using AO Coronagraphy |
| UAO-L30 | Stock, Hinz | Characterizing Debris Disks with BLINC, Spitzer and KIN |
| UAO-S1 | Papovich, M. Rieke, Willmer, Egami, Kulesa, McCarthy, Rudnick, Rigby | The Spectroscopic Properties of Lensed Galaxies at $z > 2$ |
| UAO-S2 | Muzerolle, Balog, Flaherty | Connecting Accretion and Mid-Infrared Variability in Protoplanetary Disks |
| UAO-S5 | Greissl, Meyer, McCarthy, Kulesa | Probing the IMF Beyond the Milky Way: Spectroscopy of Young Star Clusters in M33 and NGC 2903 |
| UAO-S7 | Tremonti, Diamond-Stanic, Moustakas, Bechtold | Quantifying the Impact of Starburst and AGN Feedback: A High Resolution Study of Extreme Outflows in Post-Starburst Galaxies |
| UAO-S9 | Bechtold, Thompson | Do Fundamental Physical Constants Change with Time? |
| UAO-S10 | Dufour, Liebert | Mass Determinations of the Newly-Discovered White Dwarfs with Nearly Pure-Carbon Atmospheres |
| UAO-S11 | Prescott, Dey, Jannuzi | Spectroscopic Confirmation of Large Ly α Nebulae Candidates |

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| UAO-S13 | Bai, G. Rieke, Tyler | Spectroscopic Follow-Ups of the MIPS Observations of X-Ray Underluminous Clusters |
| UAO-S14 | Sand, Zaritsky, Sivanandam, Herbert-Fort, Just, Pritchett, Hoekstra, Graham | A Systematic Search for Supernovae in Galaxy Clusters |
| UAO-S15 | Just, Zaritsky, Sand | Revisiting the Rapid Evolution of S0 Galaxies |
| UAO-S18 | Ryan, Cohen, Windhorst, Keeton | SWIRC Observations of the Dark Gravitational Lens, FIRST J121853.7+295325 |
| UAO-S20 | Willmer, Papovich, Coil, Weiner, Marcillac, Le Floch, Cooper | Evolution of the Infrared Luminosity Function using MIPS-Selected Galaxies |
| UAO-S21 | Weiner, Coil, Cooper, Willmer, Papovich | The Clustering and Environment of IR-Luminous Galaxies |
| UAO-S22 | Olszewski, Pryor, Piatek | Search for QSOs Behind Newly Discovered Dwarf Spheroidals; the Zero-Proper-Motion Reference Frame of Choice |
| UAO-S23 | Zaritsky, Harris, Sand, Seth, Willman | Nature vs Nurture in the Formation of the Lowest Mass Galaxies |
| UAO-S25 | Fan, Jiang, Dong, Wang, Zhou, Yuan | IMBH AGNs with Low Eddington Ratios |
| UAO-S26 | Yang, Zabludoff, Tremonti | A Timeline for the Evolution of Early-Type Galaxies |
| UAO-S27 | Trilling, Holman, C. Fuentes, Volk, Malhotra | The Deep MMT Kuiper Belt Survey |
| UAO-S28 | Coil, Nandra, Georgakakis, Ivison | Tracking AGN Evolution Through Clustering |
| UAO-S40 | Impey, Trump, Gabor, P. McCarthy, Elvis, Civano, Salvato, Huchra, Brusa, Hasinger, Schinnerer, Smolčić, Lilly, Scoville | COSMOS: The Evolution of High Redshift Galaxies and Supermassive Black Holes |
| UAO-S41 | Olszewski, Mateo, Walker, Lee, Hwang | Internal Kinematics of Low-Luminosity Local Group Galaxies |