

MMT Observing Programs
January – April 2010

PA-09B-0904	Long	The Luminous Supernova Remnant in NGC4449: Charting the Future for SN 1987A
PA-09B-0270	Van Zee, Marble, Englebracht, Skillman	Dust Properties, Star Formation, and Chemical Enrichment of Low Luminosity Galaxies
PA-10A-0235	Maderak, Deliyannis, Szentgyorgyi	Oxygen Abundances at the Extremes of the Open Cluster Metallicity Range: NGC 2506
PA-10A-0361	Twarog, Anthony-Twarog, Deliyannis, Szentgyorgyi	Probing Stellar Structure and Evolution via Li Abundances
PA-10A-0445	Peng, Ferrarese, Blakeslee, Cote, Durrell, Huchra, Mihos	NGVS-S: A Comprehensive Spectroscopic Survey of Virgo
SAO-1	Brown, Kenyon, Geller	Hectospec Parallel Program: Halo F Stars
SAO-2	Brown, Geller, Kenyon	Hypervelocity Stars
SAO-3	Vikhlinin, Rines	Virial Mass Estimates for High-z X-ray Selected Clusters
SAO-4	Geller, Fabricant, Kurtz, Diaferio, Rines	HectoMAP: Clusters and Large-Scale Structure at $0.25 < z < 0.5$
SAO-5	Kilic, Brown	Extremely Low Mass White Dwarfs
SAO-6	Frebel, Juric	The Origin of the Monoceros Stream and Past Milky Way Mergers
SAO-7	Koenig, Allen, Strom, Wolff, Najita	Accretion Rates in Young AB Stars: Evidence for Massive Planets?
SAO-8	Hickox, Jones, Forman, Murray, Brodwin	AGN Spectroscopy in the XBootes Deep Survey
SAO-9	Stubbs, Kirshner, Garnavich, Schmidt, Tucker, Challis, ESSENCE Team	Extending the ESSENCE Survey: Host Galaxies of High-Redshift Supernovae
SAO-10	Strader, Romanowsky, Spitler	M87 and the Virgo Cluster: The Transition Region
SAO-11	Seth, Caldwell, Cappellari	Masses of Nearby Nuclear Star Clusters

SAO-12	Elvis, Civano, Tang, Trump	AGN Black Hole Masses from Reverberation Mapping in the COSMOS Field
SAO-13	Berger, Stubbs, Soderberg, Elvis, Foley, Rest, Sand, Narayan, Chornock, Gezari	Exotic Explosions and Eruptions: New Transient Phase-Space with Pan-STARRS (Hectospec)
SAO-14	Sand, Newman	Combining and Comparing Lensing and Galaxy Dynamics in Abell 611
SAO-15	Dupree, Cramer	STellAr Characteristics in Clusters (STACC)
SAO-16	Berger, Stubbs, Soderberg, Elvis, Foley, Rest, Sand, Narayan, Chornock, Gezari	Exotic Explosions and Eruptions: New Transient Phase-Space with Pan-STARRS (Blue Channel)
SAO-17	Furesz, Hartmann, Tobin	Constraining the Pre-Main Sequence Binary Fraction in Young Clusters
SAO-18	Kirshner, Challis, Foley, Rest, Narayan, Stubbs	Supernova Spectroscopy – MMT Blue Channel
SAO-19	Nulsen, Jensen, Owers, Couch	Dynamics, Galaxy Evolution and a Benchmark for a Cold Front Sample
SAO-20	Green, Cox, Myers, Bennert, Aldcroft, Barkhouse	Two to Tangle: Merger Signatures in Binary Quasars
SAO-21	Espaillet, Briceno, Hernandez, Calvet, Allen	The Orion OB1 Hecto Survey: the Off-Cloud PMS Populations
SAO-22	Espaillet, Briceno, Hernandez, Calvet, Allen	The Orion OB1 Hecto Survey: Kinematics and Mass Accretion Rates
SAO-23	Kirshner, Challis, Foley, Rest, Narayan, Stubbs	Supernova Spectroscopy – MMT Hectospec
SAO-24	Meibom, Barnes, Mathieu, Hartman, Holman	The Connection Between Binarity, Circumstellar Disks, and Stellar Rotation
SAO-25	Meibom, Barnes, Furesz, Latham, Szentgyorgyi	Calibrating Stellar Rotation as an Astronomical Clock
SAO-26	Caldwell	Globular Clusters in M33

UAO-E27	Hart, Powell, Bendek, McCarthy, Ammons	Commissioning of Laser Tomography Adaptive Optics at the MMT
UAO-E28	Powell, Hart	Next Generation Wavefront Controller for the MMT NGS and LGS Adaptive Optics System
UAO-E29	Codona, Hart, Hinz	Tests to Improve MMTAO Performance and High-Contrast Imaging
UAO-G24	Woodward, Harker, Kelley, Hinz, Skemer, Hoffmann	10/20 μ m Observations of Comet 81P/Wild 2 Near Perihelion
UAO-G25	Thuan, Izotov	Extremely Low-Metallicity Dwarf Emission-Line Galaxies in the Sloan Digital Sky Survey
UAO-G26	Wong, Evans, Kim, Privon	Resolved Mid-Infrared Imaging of Dust-Enshrouded Star Formation of LIRGs in the GOALS Sample
UAO-L23	Trump, Impey, Elvis, Civano, Kelly, Tang, Bongiorno, Salvato, Brusa, Koekemoer	Supermassive Black Hole Masses with Reverberation Mapping
UAO-S1	Fan, Bian, Jiang, McGreer, Green, Walter, Maiolino, Pentericci, Jannuzi, Dey	A Survey of Quasars at the Reionization Epoch: Spectroscopic Identifications
UAO-S2	Stock, Hinz, Rieke, Su, Liu	Characterizing Debris Disks with BLINC, Spitzer and KIN
UAO-S3	Davé, Campusano, Habertzettl, Haines, Harris, Lauroesch, Sochting, Valls-Gabaud, Williger	The Galaxy Population and the Galaxy-Quasar Relation in a Dense Environment at $z \sim 1$: Wide-Field Spectroscopy
UAO-S4	Jiang, Egami	Identifying $z \sim 7$ Galaxies in the Subaru Deep Field
UAO-S5	Rieke, Bai	X-ray Underluminous Clusters: A New Perspective
UAO-S6	Olszewski, Mateo, Walker	Detailed Kinematics of the Remarkable Dwarf Spheroidal Galaxies UMi and Draco
UAO-S7	Kenworthy, Hinz	Looking for Extrasolar Planets at the Ice Line
UAO-S8	Rodigas, Hinz	The Blue Needle in Red: 3-4 μ m Direct Imaging Constraints on Water in HD 15115's Debris Disk

UAO-S9	Rodigas, Hinz	Painting the Complete Picture: Direct Imaging of Sun-like Stars with Radial Velocity-Detected Planets
UAO-S10	McGreer, Fan	Radio-Loud Quasars at $z > 5$
UAO-S11	Skemer, Close, Hinz, Hoffmann, Greene, Males, Beck	Resolved Silicate Emission in T Tauri Binaries: Determining the Parameters that lead to Grain-Growth and Planet Formation
UAO-S12	Males, Close, Marengo, Skemer, Hinz, Hoffmann, Tolls, Melnick, Neufeld, Fazio	Four Decades of IRC+10216: the Emergence of a New 9 μ m Emission Feature Discovered with the MMT and Spitzer
UAO-S14	Ammons, Zubludoff, Zaritsky, Hart, McCarthy, Angel	Investigating the High-Redshift Universe with Gravitational Lenses and GLAO
UAO-S15	Eisner, Arnold, Hinz, Codona, Kenworthy	Searching for Planets Around Young Stars Using Non-Redundant Masking at the MMT
UAO-S16	Cooper, Comerford, Weiner, Gerke	Dual SMBHs in the SDSS and DEEP2: Probing the Growth of Black Holes at $z < 1$
UAO-S17	Eisner, Monnier, Arnold, McCarthy, Kulesa	Preludes to Astrometric Observations of Exoplanets
UAO-S18	Bian, Fan	Spectroscopic Identification of the Most Luminous Lyman Break Galaxies (LBGs) at $z \sim 3$ in Bootes Field
UAO-S19	Xu, Dey, Reddy	The UV-Bright Galaxy Population at $z \approx 5$
UAO-S20	Kim, Fang, Sicilia-Aguilar, van Boekel, Henning	Accretion, Disk-locking and Kinematics of Young Stars in L1641
UAO-S21	Liebert, Kilic, Munn, von Hippel, Harris	Nearby Halo White Dwarfs
UAO-S22	Olszewski, Pryor, Piatek	Search for QSOs Behind Newly Discovered Dwarf Galaxies; the Zero-Proper-Motion Reference Frame of Choice
UAO-S23	Green, Fontaine, Charpinet, Chayer	Metal Abundances and Radial Velocities for Hot Subdwarf Stars