

MMT Observing Programs
January – April 2009

PA-09A-0292	Reynolds, Callanan, McCarthy, Kulesa	K-band Photometry of XTE J1118+480 in Quiescence
PA-09A-0313	Peng, Blakeslee, Cote, Courteau, Duc, Durrell, Emsellem	A Deep Spectroscopic Survey of the Virgo Cluster Core
PA-09A-0432	Marzke, Hornschemeier, Smith, Miller, Hudson, Ferguson, Bridges	The Faint End of the Red Sequence in the Coma Cluster: A Comprehensive Spectroscopic Survey from the Core to the Virial Radius
PA-09A-0958	Long, Winkler, Blair	The Luminous Supernova Remnant in NGC4449: Charting the Future for SN 1987A
SAO-1	Cramer, Dupree, Furesz, Korzennik, Szentgyorgyi, Lykke	A Tunable Laser Calibrator for Hectochelle
SAO-2	Brown, Geller, Kenyon	Hypervelocity Stars
SAO-3	Geller, Kurtz, Fabricant, Westra, Dell'Antonio	SHELS II: Cluster Catalogs from Weak Lensing
SAO-4	Berger, Thone	Gamma-Ray Bursts: From Progenitors to Probes
SAO-5	Wang, Cox, Neff, Szentgyorgyi	Mapping the Detailed Kinematics of a Giant Shell Near NGC 3077
SAO-6	Huang, Wilmar, Noeske, Willner, Dickinson, Symeonidis	Measuring the Rest-Frame 35micron Luminosity Function with Hectospec
SAO-7	Berger, Foly, Soderberg, Grindlay	The Diversity of GRB Supernovae
SAO-8	McLeod, Nakajima, Mandelbaum, Bernstein	Lensing Survey of Dark Matter in Supermassive Galaxy Clusters
SAO-9	Johnson, Jones, Forman, Wegner	A Dynamical Analysis of Two Strongly Merging Clusters
SAO-10	Dupree, Meszaros, Strassmeier	STellAr Characteristics in Clusters (STACC)
SAO-11	Huang, Fazio, Yan, Ashby, Willner, Noeske	A Deep Survey for Ly- α Emitters at $z \sim 6.5$ in the Extended Groth Strip

SAO-12	Allen, Wolk, Furesz, Winston, Briceno, Megeath, Calvet, Hartmann, Hernandez	The All Orion Spectroscopic Survey: Masses, Ages and Disk Frequencies
SAO-13	Kilic, Brown, Liebert, Agueros	Extremely Low Mass White Dwarfs
SAO-14	Hickox, Murray, Jones, Forman	AGN Spectroscopy in the XBootes Deep Survey
SAO-15	Nulsen, Owers, Couch	Abell 2142: Dynamics of the Archetypal Cold Front Cluster
SAO-16	Drake, Wright, Steeghs	Hectospec Exploitation of IPHAS: A Powerful New Test of the Galactic Rotation Law
SAO-17	Allen, Furesz, Szentgyorgi, Briceno, Megeath, Muzerolle, Calvet, Hartmann, Hernandez	The All Orion Spectroscopic Survey: Kinematics and Accretion Rates
SAO-18	Hickox, Murray, Jones, Forman	AGN Environments and Clustering in DEEP2 Field 2
SAO-19	Posselt, Neuhaeuser, Haberl	Search for Substellar Companions to Young Nearby Neutron Stars
SAO-20	Meibom, Covey, Lada, Muench, Szentgyorgi	A Doppler Survey for Close Binaries in IC348
SAO-21	Seth, Kallivayalil, Ashby, Schechter, West	Proper Motions of Sgr Stream Members Using SDSS and Megacam
SAO-22	Allen, Tobin, Hartmann, Furesz, Hernandez	Independent Constraints on Cluster Membership: Spectral Types and Lithium in the Orion Nebular Cluster (ONC)
SAO-23	Seth, Blum, Caldwell	Stellar Populations of Nearby Nuclear Star Clusters
SAO-24	Soderberg, Chevalier, Fransson, Smith, Chandra, Chugai, Fox, Pooley	Revealing Dust Formation in Naked Supernovae with MMT
SAO-25	Kirshner, Challis, Foley, Rest, Wood-Vasey, Narayan	Supernova Spectroscopy

SAO-26	Meibom, Barnes, Mathieu, Hartman, Holman	The Connection Between Binarity, Circumstellar Disks, and Stellar Rotation
SAO-27	Furesz, Hartmann, Tobin	Toward Constraints on the Pre-Main Sequence Binary Fraction in Young Clusters
SAO-28	Meibom, Barnes, Furesz, Latham, Szentgyorgi	Calibrating Stellar Rotation as an Astronomical Clock
SAO-29	Sand, Zaritsky, Graham, Pritchett, Hoekstra	A Systematic Search for Supernovae in Galaxy Clusters
UAO-E24	Hart, Milton, Powell, Stalcup, Kulesa, McCarthy	Final Characterization of GLAO at the MMT and Demonstration of Tomography
UAO-G25	Woodward, Kelley, Harker, Hinz, Hoffman, Kenworthy	Mid-IR AO Imaging of Comet C/2007 N3 (Lulin)
UAO-G47	Carlin, Majewski, Grillmair	Kinematics of Newly-Discovered Milky Way Tidal Streams and Dwarf Galaxies
UAO-S1	Stock, Hinz, Rieke, Su, Trilling	Characterizing Debris Disks with BLINC, Spitzer and KIN
UAO-S2	Eisner, Meyer, Teske, Najita, Doppmann, Kulesa, McCarthy	“Imaging” Gas in Sub-AU-Sized Regions of Protoplanetary Disks with Spectro-Astrometric Observations from ARIES
UAO-S4	Marble, Engelbracht, van Zee	Low-Luminosity Galaxies in the Local Volume
UAO-S6	Skemer, Close, Hinz, Hoffmann, Greene, Beck	Resolved Silicate Emission in T Tauri Binaries: Determining the Parameters that lead to Grain- Growth and Planet Formation
UAO-S7	Skemer, Close, Hinz, Hoffmann, Greene, Kenworthy	The First Resolution of an Asteroid Belt Analog in Emission
UAO-S8	Finkelstein, Rhoads, Malhotra, Papovich, Cohen	Direct Measurements of Metallicity, Dust Extinction and Out-flow Velocities of Lyman Alpha Galaxies at $z \sim 0.3$
UAO-S9	Kim, Jansen, Windhorst	Properties of Satellites Galaxies in Nearby Voids
UAO-S10	Malhotra, McLinden, Rhoads, Finkelstein	Spectroscopic Confirmations of Bright Lyman- alpha Galaxies at $z=3.1$

UAO-S12	Zaritsky, Sand, Sivanandam, Herbert-Fort, Just, Graham, Pritchett, Hoekstra	A Systematic Search for Supernovae in Galaxy Clusters
UAO-S14	Olszewski, Mateo, Walker	Detailed Kinematics of the Remarkable Dwarf Spheroidal Galaxies UMi and Dra
UAO-S15	Bian, Fan	A Group of Luminous Quasars at $z \approx 3$: Tracing the Largest Structure at the Peak of Quasar Epoch
UAO-S16	Olszewski, Mateo, Walker	Spectroscopic Confirmation and Followup of New Dwarf Spheroidal Candidates
UAO-S17	Yang, Zabludoff	New Constraints on the Evolution of Ly α -Emitting Galaxies
UAO-S18	Olszewski, Pryor, Piatek	Search for QSOs Behind Newly Discovered Dwarf Spheroidals; the Zero-Proper-Motion Reference Frame of Choice
UAO-S19	Weiner, Coil, Cooper, Tremonti	Gas Around Galaxies and what drives it there: a Survey for Mg II Absorption Associated with DEEP2 Galaxies
UAO-S20	Egami, Smith, Haines, Moran, Hamilton-Morris, Takada, Umetsu, Okabe, Kneib, Finoguenov, Zhang	LoCuSS: Joint Hectospec/GALEX/HST/Subaru/Spitzer/Herschel Study of Star-Formation & Assembly Histories of Clusters
UAO-S21	Kenworthy, Hinz	Detecting Giant Planets in to the Ice Line Using AO Coronagraphy