

**MMT Observing Programs
September - December 2010**

PA-10B-0260	Massey, Levesque, Maeder, Meynet, Neugent, Olsen, Silva	Massive Star Evolution as a Function of Metallicity: Closing the Loop in the Local Group
PA-10B-0340	Brown, Walkowicz, Hawley Kowalski, Ramsey, Saar, Furesz	MMT Hectochelle Spectral Variability Study of Active Late-Type Stars in the Kepler Field
PA-10B-0436	Allen, Megeath, Pipher, Gutermuth, Winston, Naylor, Furesz	Hectospec and Hectochelle Spectroscopy of the Cep OB3b Cluster
PA-10B-0607	Abell, Fernandez, Larson	Mineralogical Characterization and Source Region Determination of Near-Earth Objects and Extinct Comet Candidates
PA-10B-0624	Cummings, Szentgyorgyi, Deliyannis	Initial Li of Metal-Poor Young Open Clusters and its Connection to Primordial Lithium
SAO-1	Berger, Kirshner, Soderberg, Stubbs, Elvis, Chornock, Foley, Rest, Sand, Challis, Narayan, Gezari, Mandel, Friedman	The MMT Spectroscopic Survey of Pan- STARRS Transients
SAO-2	Hora, Stencel, Hoffmann, Skemer	MIRAC4 Monitoring of the Cold Disk in the Extreme Binary Epsilon Aurigae
SAO-3	Kilic, Brown	Short Period Binary White Dwarfs
SAO-4	Frebel, Juric	The Origin of the Monoceros Stream and Past Milky Way Mergers
SAO-5	Latham, Meibom, Quinn, Torres, Neuhauser, Errman, Maciejewski	The Young Cluster Trumpler 37
SAO-6	Strader, Caldwell, Seth	Globular Clusters in M33: Continuing the Survey
SAO-7	Meibom, Barnes, Furesz, Latham, Szentgyorgyi	The Kepler Open Cluster Study
SAO-8	Dupree, McCarthy, Kulesa	ARIES Imaging of Kepler Targets
SAO-9	Brown, Kilic	Extremely Low Mass White Dwarfs
SAO-10	Shen, Liu	Unveiling Binary Supermassive Black Holes in Double-Peaked Narrow-Line AGNs

SAO-11	Green, Kelly, Shanks, Fine, Myers, Richards	QSO Variability in the Pan-STARRS Medium Deep Survey
SAO-12	Tang, Grindlay, Kurucz	Stellar Parameters of Unusual K2III Variables Using Hectochelle
SAO-13	Dai, Huang, Willmer, Fazio, Omont, Perez-Fournon, Rigopoulou	Studying the FIR Properties of Quasar SEDs with Hectospec
UAO-E24	Codona, Hinz	Tests to Improve MMTAO Performance and High-Contrast Imaging
UAO-G21	Woodward, Harker, Kelley, Hinz, Skemer, Hoffmann	103P/Hartley at EXPOI Rendezvous
UAO-G22	Humphreys	Unstable Luminous Stars in M31 and M33
UAO-S1	Davé, Moran, Catinella, Heckman, Kauffmann, Schiminovich, Saintonge, Tacconi, Brinchmann, Rich	The Atomic and Molecular Gas Content, Star Formation and Chemical Enrichment Histories of a Complete Sample of Nearby Galaxies
UAO-S2	Wang, Wu, Hou, Fan, Jiang, Xia, Hao	Stellar Velocity Dispersion and the Black Hole-Bulge Evolution of Type I ULIRGs
UAO-S3	Cooper, Weiner, Gerke	Dual SMBHs in the SDSS and DEEP2: Probing the Growth of Black Holes at $z < 1$
UAO-S4	Jiang, Fan	Identifying $z \sim 6$ Quasars in the SDSS Deep Stripe
UAO-S5	Kim, Fang, Sicilia-Aguilar, van Boekel, Henning	Accretion, Disk-Locking and Kinematics of Young Stars in L1641
UAO-S6	Kim, Meyer, Sherry, Jose	MMT/Hectospec Observations of Young Stars in the W3 and W4 Star Forming Region
UAO-S7	Bian, Fan, Jiang	Spectroscopic Identification of the Most Luminous Lyman Break Galaxies (LBGs) at $z \sim 3$ in SDSS Deep Stripe
UAO-S9	Rodigas, Hinz, Schneider	Spatially Resolving the Ice Line in Debris Disks

UAO-S11	Pereira, Egami, Haines, Smith, Moran	LoCuSS: Joint Hectospec/GALEX/HST/ Subaru/Spitzer/Herschel Study of Star- Formation & Assembly Histories of Clusters
UAO-S13	Bailey, Hinz	Characterizing the Atmosphere of Brown Dwarf Candidate GJ578b
UAO-S14	Teske, McCarthy, Kulesa, Swain, Deroo, Griffith	Spectroscopy of the Most Highly Irradiated Exoplanet: How Close is Too Close?
UAO-S15	Teske, Hinz, Skemer, Griffith, Deroo, Swain	Observing Non-LTE Signatures in an Exoplanet Atmosphere from the Ground
UAO-S16	Arnold, Eisner, Hinz, Kenworthy	Searching for Planets Around Young Stars Using Non-Redundant Masking at the MMT
UAO-S17	Green, Kawaler, Fontaine, Brassard, Charpinet, van Grootel	Atmospheric Parameters for Asteroseismology of Hot Subdwarf Pulsators in the Kepler Satellite Field
UAO-S18	Hastie, Hussain, Casali, Mackay Unruh	Spectroscopic Studies of Kepler Cluster NGC6866
UAO-S19	Brutlag, Schneider, Grady, Hinz, Close	A Search for Water Ice in Outer Transitional Disks with MMT AO+CLIO
UAO-S20	Knox, Hinz	Searching for Sub-Stellar Companions to Spin- Misaligned Planetary Systems
UAO-S21	Ammons, Wong, Zabludoff	Modeling the Mass Distributions of the Most Powerful Telescopes with MMT Hectospec