

MMT Observing Programs
January - April 2017

SAO-1	Birkby, Charbonneau, Johnson, J., Lopez-Morales, McCarthy, Kulesa	MEASURE: The MMT Exoplanet Atmosphere SURVEY
SAO-2	Bonaca, Conroy, Caldwell	A Moving Mesh: Kinematics of Stellar Streams in the Milky Way Halo
SAO-3	Brown, Kilic	Merging White Dwarfs
SAO-4	Caldwell, Johnson, C., Olszewski, Mateo, Walker, Belokurov, Koposov	Does the Dwarf Galaxy Crater 2 Have Any Dark Matter?
SAO-5	Kamble, Milisavljevic, Parrent, Soderberg, Kirshner, Challis, Villar	Unveiling the Energy Sources within Peculiar Core-Collapse Supernovae
SAO-6	Sohn, Geller, Utsumi, Fabricant, Rines, Dell'Antonio	A Complete Redshift Survey for Nearby Massive Weak Lensing Clusters
SAO-7	Speagle, Eisenstein, Capak, Masters	Constraining Emission Line Contributions to Photometric Redshift Biases for Weak Lensing Cosmology Experiments
SAO-8	Brown, King	Anisotropy of the Milky Way Halo
SAO-9	Milisavljevic, Patnaude, Chilingarian, Raymond, Kamble, Parrent, Guillochon, Soderberg, Kirshner, Challis, Margutti	Multi-wavelength Observations of Supernovae (Blue Channel)
SAO-10	Milisavljevic, Patnaude, Chilingarian, Raymond, Kamble, Parrent, Guillochon, Soderberg, Kirshner, Challis, Margutti	Multi-wavelength Observations of Supernovae (MMIRS)
SAO-11	Grindlay, Gomez	Search for Quiescent Black Hole X-ray Binaries from DASCH Transients (MMTCam)
SAO-12	Shan, Johnson, J.	M-Dwarf RV Survey for Short-Period Binarity Statistics
SAO-13	Geller, Fabricant, Sohn, Zitrin	Separating Galaxies from the Dark Matter Halo in Strong-Lensing Clusters
SAO-14	Chilingarian, Bauer, McLeod, Moran, Zolotukhin, Laporte, Katkov	Deep MMIRS Observations of 6 Extragalactic Fields

SAO-15	Blanchard, Berger, Nicholl	Spectroscopic and Photometric Follow-up of SLSNe and TDEs from PSST
SAO-16	MacLeod, Green, P.	Spectroscopic Follow-up of Changing-Look Quasar Candidates
SAO-17	Johnson, C.I., Caldwell, Rich	NGC 6402: Towards Understanding a New Class of Massive Globular Clusters
SAO-18	Benbow, Williams, Johnson	Determining Blazar Redshifts for Studies of the EBL
SAO-19	Grindlay, Gomez	Search for Quiescent Black Hole X-ray Binaries from DASCH Transients (Blue Channel)
SAO-20	Benbow, Williams, Johnson	Parallel Observations to Determine Blazar Redshifts for Studies of the EBL
SAO-21	SAO Hectospec Queue	SAO Hectospec Queue Observations
SAO-22	SAO Hectochelle Queue	SAO Hectochelle Queue Observations
UAO-G2	Jiang	Deep Spectroscopy of Lyman- α Emitter Candidates at $z = 3.1$
UAO-G3	Kim, Jae-Woo, Ko, J., Yoo, J., Lee, J.H., Lee, J.C., Im, M., Kim, Sophia	Addressing the Evolutionary History of Galaxy Clusters through Member Galaxies
UAO-G4	Park, C., Hwang, H.S., Park, H., Kim, J., Hwang, J.-S.	A Spectroscopic Survey of Nearby Galaxy Clusters at $z < 0.04$
UAO-G6	Kang, J., Lee, M.G., Jang, I.S., Ko, Y., Sohn, J.	A Wide-field Spectroscopy of Globular Cluster Candidates in the Mysterious Giant Outer Halo of the Sombrero
UAO-G15	Scarlata, Henry, Erb	Outflows in Emission and Absorption: Is Resonant Mg II a Good Measure of Galaxy Winds?
UAO-G16	Skillman	Chemical Abundances in SHIELD II Galaxies
UAO-27	Cheng, C., Huang, J., Willmer, C., Li, C., Jing, Y., Xu, H.	Extend SDSS: to the Faint End
UAO-S101	Powell, McCarthy, Kulesa	Hardware and Algorithm Development in Support of the MMT f/15 Adaptive Optics Secondary and ARIES Upgrades

UAO-S106	Patej, Rozo, Loeb, Dey	Surveying Galaxy Cluster Physics and Cosmology from the Cluster Outskirts
UAO-S113	Impey, Keeney, Stocke, Oppenheimer, Jannuzi	Probing Hot Gas Found by HST in Spiral-Rich Galaxy Groups
UAO-S121	Stark, Tang	MMIRS Spectroscopy of Dwarf Star Forming Galaxies at $z \sim 2$
UAO-S128	Zaritsky, Jablonka, Rudnick, Desai, Finn, Aragon-Salamanca, Poggianti, De Lucia	Detailed Large Scale Structures Around Medium-Mass Clusters
UAO-S131	Howell, Nolan, Rivkin, Thomas, Pravec	Observing Mutual Events in the Binary System (65803) Didymos: Target of the DART and AIM Spacecraft Missions
UAO-S133	Olszewski, Caldwell, Walker, Mateo, Belokurov, Koposov	Crater 2: The Dynamically Coldest Dwarf Galaxy or the Largest Globular Cluster
UAO-S135	Olszewski, Walker, Mateo	The Sextans Dwarf Spheroidal and the Cold Dark Matter Paradigm
UAO-S141	Yang, H., Malhotra, Rhoads	Picking the Smallest Green Pea Galaxies
UAO-S143	McGreer, Fan	Changing-Look Quasars from BASS/DECaLS-SDSS: A Decade-Long Baseline for Quasar State Changes
UAO-S147	Kim, J.S., Jose, J., Herczeg, Fang	Near-IR Spectroscopic Survey of Young Stars Associated with the Feedback Driven Star Forming Region AFGL333 in W3 Complex
UAO-S158	Ward-Duong, Patience, McCarthy, Kulesa, De Rosa, Bulger, Rajan, Goodwin, Parker	Completion of a Large-Scale Survey of Multiplicity Across the Stellar/Substellar Boundary
UAO-S168	Smith, N., Williams, G., Milne, Matheson, Zaritsky, Smith, P., Andrews, Fong, W.-F., Moe, Kilpatrick, Bilinski	AZTEC: Arizona Transient Exploration and Characterization
UAO-S173	Milne, Smith	Studying Absorption Lines as a Probe of Supernova Extinction and CSM
UAO-S176	Senchyna, Stark, Charlot, Vidal, Chevillard	Stellar Populations at Reionization-Era Metallicities
UAO-S178	Bezanson, Stark, Weiner, Muzzin, Franx	The CHOMP (Color-blind Hectospec Observations of Massive Progenitors) Survey: Probing Galaxy Quenching at $z \sim 0.5$

UAO-S180	Endsley, Stark, Mainali, Williams, C.	Understanding the Origin of High Ionization Nebular Lines in Young Galaxies at High Redshift
UAO-S181	Green, R., He, Fan, Bian, Jannuzi, Stark, McGreer, Davé, Finlator, Charlot	Ionizing Radiation from Galaxies at $z \approx 3$
UAO-S182	Alberts, Pope, Brodwin, Gonzalez, Eisenhardt, Stanford, Stern, Zeimann	Exploring the Era of Star Formation in Massive Galaxy Clusters at High Redshift
UAO-S189	Fong, Smith, Milne	Building a Complete Census of Short Gamma-ray Burst Host Galaxies
UAO-S190	Fong, Milne, Smith, Fan, Butler, Williams, G., Özel, Chornock, Berger	Target-of-Opportunity Programs at Steward: Rapid-response Observations of Gamma-ray Bursts
UAO-S192	Harris, Mueller, Samarasinha, Howell, Corliss, Springmann, LeJoly	A Spectral Survey for Ices on the Nucleus and in the Halo of Earth-Approaching Jupiter Family Comets
UAO-S194	Fan, Wang, McGreer, DECaLS Quasar Group	Searching for $z \sim 6$ Quasars with DECaLS Deep Imaging Survey
UAO-S200	Green, E.	Velocity Amplitude for a Potentially Massive sdB+WD Binary