

CHARA Array 2023A Observing Proposal Summary

Program Number	PI	Co-I's	Title	Dates Assigned
<b>CHARA Classic Programs</b>				
C1/M6	Flores	White, Schaefer, Farrington	Angular Diameters of Stars with Dynamical Masses	Mar 13-16, Apr 20-24 (2nd half), July 3-4
C2	Kohler	Schaefer, Farrington	Orbital Motion in young binary stars	Apr 2
C3/NOIR5	Kishimoto	Antonucci, Hoenig, Millour, Tristram, Weigelt	AGN Torus: dissecting the dusty wind launching region	Apr 20-24 (1st half)
<b>MIRC-X / MYSTIC Programs</b>				
M1	Anderson	Baron, Kishimoto	Towards Imaging the heart of NGC4151	Mar 27-28, 29 (2nd half)
M2	Anugu	Klement, Wysocki, Monnier, Mourard, Schaefer, Gies, Kraus	Simultaneous very high resolution spectrointerferometry with MIRCX+MYSTIC+SPICA	July 6-8
M3	Anugu	Schaefer, Monnier, Kraus, Kluska	Imaging disk-binary interaction products with MIRCX and MYSTIC	July 20-22
M4	Anugu	Mahadevan, Rajagopal	Is the first radial velocity detected planet candidate a stellar binary?	May 9 (1st half), 30 (1st half)
M6/C1	Flores	White, Schaefer, Farrington	Angular Diameters of Stars with Dynamical Masses	Mar 12, June 4
M7	Gardner	Kraus, Lu	The MIRCX GAIA Binary Survey: Intermediate Mass Stars	Mar 17-18, May 6-8
M8	Ibrahim	Monnier, Kraus, leBouquin, Baron	CHARA/MYSTIC K-band imaging survey of T-Tauri Disks	Apr 25 (2nd half), 26-30, May 22-23, 24(2nd half), 25
M9	Kraus	Codron, Mortimer, Monnier, Setterholm, Ibrahim	The MIRC-X + MYSTIC Large Program on imaging time-variable structures in Herbig Ae/Be disks	May 9 (2nd half), 17-21, June 25-27, 28 (2nd half)
M10	Lanthermann	Sana, Le Bouquin, Schaefer, Gies, Gosset, Bordier, Frost, Mahy, De Becker, Absil, Reggiani	Northern Massive Stars at High Angular Resolution	July 28-31
M11	Monnier	Gardner	Astrometric Modeling for long period planets in A/B type binaries with MIRCX	Mar 11, Apr 3, May 11, 31, July 9
M12	Roettenbacher	Monnier, Mourard	A Multiwavelength Study of Spotted Stellar Surfaces	May 26-29
M13	Shepard	Gies, Schaefer	Circumbinary Disks around Massive Interacting Binary Stars	July 23-27
M15/NOIR2	Norris	Otulakowska-Hypka, Aydi, Barstow, Chomiuk, Creech-Eakman, Flores, Gaudin, Kloppenborg, Linford, Merand, Monnier, Proni, Roy, Sanfiesku, Sznajder, Williams	Interferometric observations of symbiotic system T CrB, a system approaching nova	Mar 31, May 12, June 3 (plus 3n TOO)
M16/P1/NOIR3	Greenbaum	Chilocote, De Rosa, Konopacky, Nielsen, Ward-Duong	Orbits of Moving Group Binaries at Short Separations	Mar 21, 23
M17/NOIR6	Kraus	Anugu, Monnier	Interferometric imaging of the disk wind-launching region of Herbig Ae/Be stars	June 21-24
M18/NOIR7	Shultz		How Lonely Are They? A Volume-Limited Multiplicity Survey of Magnetic Ap Stars	Mar 26
M19/NOIR8	Richardson	Chene, Eldridge, Hill, Moffat, Pradhan, Schemel, St-Louis, Thomas, Williams	Obtaining precise masses for Wolf-Rayet stars	June 2
M20/NOIR9	Gardner	Beltz, Lu, Malsky, Monnier, Rauscher	Project PRIME: Directly detecting the flux from hot Jupiter planet Tau Boo b	Apr 12-16
M21/NOIR10	Lu	Gardner, Kraus	The low-metallicity Gaia binary survey: Precision masses, orbits, and ages	Mar 24-25, July 1-2
M22/NOIR12	Rau	Gordon	Another one bites the dust - Imaging carbon-rich AGB stars' atmospheres with MIRC-X	May 13-14
M23/NOIR13	Roettenbacher	Tofflemire	Determining Starspot Filling Factors with an Interferometric, Spectroscopic, and Photometric Study	Apr 4, June 20
M24/NOIR14	Norris	Otulakowska-Hypka, Barstow, Creech-Eakman, Proni, Roy, Sandusky, Sokolowski	Studying Mass Transfer in Symbiotic Stars with Optical Interferometry	June 1, 12
M25/NOIR15	Frothingham	Creech-Eakman	High Resolution Imaging and Diameters of High Mass Loss RSGs with CHARA	June 29-30
M26/NOIR16	Sandquist		Precise Ages from Masses - Bright Resolved Binaries in Praesepe, Hyades, and Coma Ber Clusters	Jan 16, Mar 19, 22(2nd half), 30, Apr 1,
DD	Schaefer	CHARA Staff	Directors Discretion	May 10, 30 (2nd half)
<b>PAVO Programs</b>				
P1/M16/NOIR3	Greenbaum	Chilocote, De Rosa, Konopacky, Nielsen, Ward-Duong	Orbits of Moving Group Binaries at Short Separations	Mar 20
P2/NOIR11	Gordon	Rau	Precise Determination of the Fundamental Properties of O-and B-type stars with the CHARA Array	Apr 17-19
P3	Coumarbatch	Martens, Danchi, Airapetian	Determining ROSA (Radii of Solar Analogues)	Apr 10-11, May 15-16, June 8-9
<b>SPICA Programs</b>				
S1	Mourard	Creedy, Deheuvels, Ibanez, Ligi, Nardetto, Ruiz, Salabert, Wittkowski	Interferometric Survey of Stellar Parameters (ISSP)	Mar 1-5, Apr 5-9, May 1-5, Jun 15-19, Jul 12-16
<b>Engineering Programs</b>				
E1AL	Grossard	Reynaud	ALOHA Engineering	June 5-8
E2SI	Lanthermann	ten Brummelaar, Tuthill, Gies, Schaefer, Ligon, Anderson, Anugu	Silmaril Engineering	Mar 6-10, July 4-5
E3CM	Ligon	Gies, Kohler, Schaefer, ten Brummelaar, Anugu	CMAP Engineering	June 9-11
E4MX	Monnier	Kraus, Ibrahim, Chhabra, Mortimer, le Bouquin, Anugu	MIRC-X Engineering	July 10-11
E5SP	Mourard	Berio, Chhabra, Dejonghe, Kraus, Le Bouquin, Monnier, Rousseau	SPICA Engineering	July 17-18, 19 (2nd half)
E6CH	Schaefer	CHARA	Weekly Engineering	Mar 8, 22, 29, Apr 11, 19, 25, May 10, 16, 24, Jun 7, 14, 28, Jul 5, 19 (All 1st half)
E7J	Scott	ten Brummelaar, Dinkelaker, Labadie, Madhav, Benoit, Thomson	JouFLU Engineering	June 13-14

