

CHARA Array 2025A Observing Proposal Summary

Program Number	PI	Co-I's	Title	Dates Assigned
CHARA Classic Programs				
C1/NOIR8	Kishimoto	Antonucci, Hoenig, Millour, Tristram, Weigelt	AGN torus: dissecting the dusty wind launching region	May 20-24 all A
MIRC-X / MYSTIC Programs				
M1	Anugu	Monnier, Baron, Roettenbacher, Gies, Schaefer	Starspots or surface features common in A, F and G-Spectral Type Stars	Apr 2B,3B, July 19
M2	Anugu	Gies, Schaefer, Monnier, Baron, Roettenbacher	Follow-Up Imaging of Yellow Hypergiants RW Cep and Rho Cas: Probing Peculiar Evolutionary Phases	June 1, 3, July 21, 24 all B
M3	Flores	White, Schaefer	Angular Diameters of Wide Binaries with Mass Information	Mar 4-7
M4	Gardner	Kraus, Lu	The MIRC-X Gaia Binary Survey: Intermediate Mass Stars	Apr 4B, 13A, 27, July 5-6
M5	Gies	Klement, Anugu, Wang, Schaefer, Wysocki, Chaturvedi	Coordinated HST/CHARA Orbits of Be+sd0 binaries	Mar 9, June 25, July 3B,4B
M6	Ibrahim	Monnier, Kraus, Codron, MIRCX/MYSTIC Team	CHARA Imaging survey of T Tauri stars	Apr 28-30, May 3-5, June 6-8
M7	Kraus	Codron, Lancaster, Monnier, Ibrahim, MIRCX Mystic team	The MIRCX/MYSTIC Large program on imaging time variable structures in Herbig Ae./Be disks	May 19, 25B,26B, 31, June 9, 19
M8	Lanthermann	Mahy, Bordier, Fabry, Sana, Schaefer, Gies, LaFountain	O-type stars orbit and mass determination	May 27, 28, July 1-2 all B
M9	Lu	Kraus, Gardner	Calibrating asteroseismology scaling relations by CHARA observation on GAIA binaries	Mar 8, May 2, June 22, July 20
M10	Monnier	Gardner, Rauscher, Shuai, Malsky, Kraus	Searching for the direct emission of Tau Boo b using the integrated optics combiners MIRC-X/SPICA-FT and MYSTIC/Gravity	Mar 27-31
M11	Monnier	Gardner	Astrometric monitoring for long period planets in A/B-type binaries with MIRC-X	May 1, June 20A, 21A, July 3A, 23B
M12	Roettenbacher	Monnier, Anugu, Baines, Stone	Interferometric Observations of Habitable Worlds Observatory Provisional Targets	Apr 1-5 all A
M13	Shepard	Gies, Schaefer	Circumbinary Disks around Massive interacting binary systems	July 4A, 7, 18A, 21A, 24A
M14	Sweeny	Tuthill, Martinod, Schaefer, White, Monnier, Merand, Dong, Gould, ten Brummelaar, Krone-Martins, Scalzo, Farrington	Imaging Gravity: microlensing at milli-arcsecond scales	TOO
M15	Patel	White, Jones, Flores, Kane	Open Clster Ages from Giant Star Sizes	May 29B, 30B, Jun 21B, 27B
M16/NOIR2	Baylis-Aguirre	Creech-Eakman, Norris, van Belle	The MIRC-X/MYSTIC Interferometrically Resolved Atmospheres (MIRA) Project: High Resolution Imaging of Evolved Star Atmospheres	Mar 20B, Apr 24A, May 25A, June 27A, July 22B
M17/NOIR3	Hom	Anche, Bailey, Brandner, Douglas, Girard, Greenbaum, Kuzuhara, Monnier, Roettenbacher, Schragal, Stapelfeldt, Wolff	Vetting PSF Reference Stars for the Roman-Coronagraph and Habitable Worlds Observatory	Mar 20A, 21-23, June 24, July 18B
M18/NOIR6/S	Norris	Otulakowska-Hypka, Anugu, Aydi, Banerjee, Caruso, Chomiuk, Creech-Eakman, Evans, Gaudin, Gustafson, Keller, Kloppenborg, Lagadec, Linford, Meiland, Merand, Millour, Monnier, Mourard, Munari, Nardetto, Proni, Sokolowski, Spang, Williams, Woodward	A high resolution look at the nearest recurrent nova, TCrB	TOO
M19/NOIR7	Lester	Gies, Schaefer, Shepard	Visual Orbits of Long Period Spectroscopic Binaries	May 26-30 all A
M20/NOIR10	Tiburcio	Boyajian, Elliott, Penny	Calibrating Surface-Brightness Relationships Using Photometric Standard Stars	July 28-31
M21/NOIR11	De Furio		Exploring the Impact of Primary Mass on the Formation of Stellar Multiples: Are Close Companions More Common around B-stars than A-stars?	Mar 25-26, Apr 6, May 23B, 24B
M22/NOIR12	Call	Hintz, Sampson	CHARA Observations of Two Cepheid Variables	June 4B, 20B, July 1A, 23A
M23/NOIR13	Jonak	Mourard, Meiland, Nardetto	Interferometric Orbital Solutions and Mass Determination for Intermediate-Mass Binary Stars	Apr 1, 5, 9, 13, 24 all B
M24/NOIR14	Sandquist		Precise Ages from Stellar Masses - Bright Resolved Binaries in Young Clusters and Groups	Mar 24B
SPICA Programs				
SPICA	Mourard	ISSP Team	SPICA Block Schedule	Mar 11-14 all B, 15-17, Apr 15-19, May 8-12, June 12-14, 16-17, July 9-13
S1	Kane	White, Flores, Jones, Mourard, Domiciano, Ligi, Pratt	Testing 2D Convection Models with the Coolest Rapid Rotators	Mar 11-14 all A
S2	Roettenbacher	Monnier	Obtaining a Multiwavelength Interferometric Image of the Active Star sigma Draconis	June 2, 5, 10, 15, 18, 23, 26
S3	Coumarbatch	Jones	BLASTS - A Bodacious Look at Solar Type Stars	Mar 18-19, Apr 23
S4/NOIR1	Bras	Gallenne, Afannasyev, Bailleul, Evans, Kervella, Merand, Monnier, Nardetto	Limb darkening and photospheric spots of the classical Cepheid Polaris	July 14-17
S5/NOIR4	Bailleul	Nardetto, Bras, Evans, Gallenne, Gieren, Hocde, Kervella, Merand, Monnier, Mourard, Pietrzynski	Unlocking the projection factor of Cepheids: interferometric survey of Cepheids	May 13-16
S6/NOIR5	Soubiran	Bailleul, Casamiquela, Creevy, Ebrahimkuty, Heiter, Pfeil, Mourard, Nardetto	Gaia FGK Benchmark Stars: metal-poor stars	May 17-18
S7/NOIR6/M	Norris	Otulakowska-Hypka, Anugu, Aydi, Banerjee, Caruso, Chomiuk, Creech-Eakman, Evans, Gaudin, Gustafson, Keller, Kloppenborg, Lagadec, Linford, Meiland, Merand, Millour, Monnier, Mourard, Munari, Nardetto, Proni, Sokolowski, Spang, Williams, Woodward	A high resolution look at the nearest recurrent nova, TCrB	TOO
S8/NOIR9	Dholakia	Pope	Simultaneous imaging of the white-light spots on Alioth using interferometry and space based photometry	Apr 20-22
Engineering Programs				
E1M	Kraus	Monnier, Anugu, Lanthermann, Lancaster	MIRCX camera upgrade	Mar 2-3
E2L	Lancaster	Monnier, Kraus, Anugu, Bianco, Frangiamore	MIRCX R6000 install	Apr 25-26
E3AO	Kubiak	Ligon	CHARA Engineering	Mar 10, 24, Apr 9, 14, May 7, 19, June 4, 11, July 2, 8, 22 all A
E4SL	Lanthermann	ten Brummelaar, Tuthill, Anugu, Ligon, Gies, Schaefer, Taras, Piroscia	Silmariil Engineering	Apr 7-8, May 20-22
E5CM	Ligon	Gies, CHARA	CMAP Comissioning	Apr 10-12, June 28-30
E6CH	Scott	Dinkelaker, Barjot, Mayer, Labadie, Madhav, Benoit, Thomson, Anugu	CHARIOT Engineering	July 25-27
E7MR	Scott	Farrington, Turner, Ligon	Mirror Recoating	TBD
E8Q	Schaefer	Gies, Farrington, Flores, Jones, Lanthermann	Snapshot Observing	May 6, June 1A, 3A
E9SP	Mourard	SPICA and CHARA Teams	SPICA Engineering	Mar 10, Apr 14, May 7, June 11, July 8 all B

A=(1st half), B=(2nd half)

CHARA Array 2025A Observing Schedule

		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday							
March	2	E1M E1M	ALL ALL	3	E1M E1M	ALL ALL	4	M3 M3	ALL ALL	5	M3 M3	ALL ALL	6	M3 M3	ALL ALL	7	M3 M3	ALL ALL	8	M9 M9	ALL ALL
	9	M5 M5	ALL ALL	10	E3AO E9SP	ALL ALL	11	S1 SPICA	ALL ALL	12	S1 SPICA	ALL ALL	13	S1 SPICA	ALL ALL	14	S1 SPICA	ALL ALL	15	SPICA SPICA	ALL ALL
	16	SPICA SPICA	ALL ALL	17	SPICA SPICA	ALL ALL	18	S3 S3	ALL ALL	19	S3 S3	ALL ALL	20	M17/NOIR3 M16/NOIR2	ALL ALL	21	M17/NOIR3 M17/NOIR3	ALL ALL	22	M17/NOIR3 M17/NOIR3	ALL ALL
	23	M17/NOIR3 M17/NOIR3	ALL ALL	24	E3AO M24/NOIR14	ALL ALL	25	M21/NOIR11 M21/NOIR11	ALL ALL	26	M21/NOIR11 M21/NOIR11	ALL ALL	27	M10 M10	ALL ALL	28	M10 M10	ALL ALL	29	M10 M10	ALL ALL
	30	M10 M10	ALL ALL	31	M10 M10	ALL ALL	1	M12 M23/NOIR13	ALL ALL	2	M12 M1	ALL ALL	3	M12 M1	ALL ALL	4	M12 M4	ALL ALL	5	M12 M23/NOIR13	ALL ALL
April	6	M21/NOIR11 M21/NOIR11	ALL ALL	7	E4SL E4SL	ALL ALL	8	E4SL E4SL	ALL ALL	9	E3AO M23/NOIR13	ALL ALL	10	ESCM ESCM	S1S2E1 S1S2E1	11	E5CM E5CM	S1S2E1 S1S2E1	12	E5CM E5CM	S1S2E1 S1S2E1
	13	M4 M23/NOIR13	ALL ALL	14	E3AO E9SP	ALL ALL	15	SPICA SPICA	ALL ALL	16	SPICA SPICA	ALL ALL	17	SPICA SPICA	ALL ALL	18	SPICA SPICA	ALL ALL	19	SPICA SPICA	ALL ALL
	20	S8/NOIR9 S8/NOIR9	ALL ALL	21	S8/NOIR9 S8/NOIR9	ALL ALL	22	S8/NOIR9 S8/NOIR9	ALL ALL	23	S3 S3	ALL ALL	24	M16/NOIR2 M23/NOIR13	ALL ALL	25	E2L E2L	ALL ALL	26	E2L E2L	ALL ALL
	27	M4 M4	ALL ALL	28	M6 M6	ALL ALL	29	M6 M6	ALL ALL	30	M6 M6	ALL ALL	1	M11 M11	ALL ALL	2	M9 M9	ALL ALL	3	M6 M6	ALL ALL
May	4	M6 SPICA	ALL ALL	5	M6 SPICA	ALL ALL	6	E8Q E8Q	ALL ALL	7	E3AO E9SP	ALL ALL	8	SPICA SPICA	ALL ALL	9	SPICA SPICA	ALL ALL	10	SPICA SPICA	ALL ALL
	11	SPICA SPICA	ALL ALL	12	SPICA SPICA	ALL ALL	13	S5/NOIR4 S5/NOIR4	ALL ALL	14	S5/NOIR4 S5/NOIR4	ALL ALL	15	S5/NOIR4 S5/NOIR4	ALL ALL	16	S5/NOIR4 S5/NOIR4	ALL ALL	17	S6/NOIR5 S6/NOIR5	ALL ALL
	18	S6/NOIR5 S6/NOIR5	ALL ALL	19	M7/E3AO M7	ALL ALL	20	C1/NOIR8/E4SL E4SL	ALL ALL	21	C1/NOIR8/E4SL E4SL	ALL ALL	22	C1/NOIR8/E4SL E4SL	ALL ALL	23	C1/NOIR8 M21/NOIR11	ALL ALL	24	C1/NOIR8 M21/NOIR11	ALL ALL
	25	M16/NOIR2 M7	ALL ALL	26	M19/NOIR7 M7	ALL ALL	27	M19/NOIR7 M8	ALL ALL	28	M19/NOIR7 M8	ALL ALL	29	M19/NOIR7 M15	ALL ALL	30	M19/NOIR7 M15	ALL ALL	31	M7 M7	ALL ALL
June	1	E8Q M2	ALL ALL	2	S2 S2	ALL ALL	3	E8Q M2	ALL ALL	4	E3AO M22/NOIR12	ALL ALL	5	S2 S2	ALL ALL	6	M6 M6	ALL ALL	7	M6 M6	ALL ALL
	8	M6 M6	ALL ALL	9	M7 M7	ALL ALL	10	S2 S2	ALL ALL	11	E3AO E9SP	ALL ALL	12	SPICA SPICA	ALL ALL	13	SPICA SPICA	ALL ALL	14	SPICA SPICA	ALL ALL
	15	S2 S2	ALL ALL	16	SPICA SPICA	ALL ALL	17	SPICA SPICA	ALL ALL	18	S2 S2	ALL ALL	19	M7 M7	ALL ALL	20	M11 M22/NOIR12	ALL ALL	21	M11 M15	ALL ALL
	22	M9 M9	ALL ALL	23	S2 S2	ALL ALL	24	M17/NOIR3 M17/NOIR3	ALL ALL	25	M5 M5	ALL ALL	26	S2 S2	ALL ALL	27	M16/NOIR2 M15	ALL ALL	28	E5CM E5CM	S1S2E1 S1S2E1
	29	E5CM E5CM	S1S2E1 S1S2E1	30	E5CM E5CM	S1S2E1 S1S2E1	1	M22/NOIR12 M8	ALL ALL	2	E3AO M8	ALL ALL	3	M11 M5	ALL ALL	4	M13 M5	ALL ALL	5	M4 M4	ALL ALL
July	6	M4 M4	ALL ALL	7	M13 M13	ALL ALL	8	E3AO E9SP	ALL ALL	9	SPICA SPICA	ALL ALL	10	SPICA SPICA	ALL ALL	11	SPICA SPICA	ALL ALL	12	SPICA SPICA	ALL ALL
	13	SPICA SPICA	ALL ALL	14	S4/NOIR1 S4/NOIR1	ALL ALL	15	S4/NOIR1 S4/NOIR1	ALL ALL	16	S4/NOIR1 S4/NOIR1	ALL ALL	17	S4/NOIR1 S4/NOIR1	ALL ALL	18	M13 M17/NOIR3	ALL ALL	19	M1 M1	ALL ALL
	20	M9 M9	ALL ALL	21	M13 M2	ALL ALL	22	E3AO M16/NOIR2	ALL ALL	23	M22/NOIR12 M11	ALL ALL	24	M13 M2	ALL ALL	25	E6CH E6CH	S1S2 S1S2	26	E6CH E6CH	S1S2 S1S2
	27	E6CH E6CH	S1S2 S1S2	28	M20/NOIR10 M20/NOIR10	ALL ALL	29	M20/NOIR10 M20/NOIR10	ALL ALL	30	M20/NOIR10 M20/NOIR10	ALL ALL	31	M20/NOIR10 M20/NOIR10	ALL ALL						