

CHARA Array 2025B Observing Proposal Summary

PI		Co-I's		Title	Dates Assigned
CHARA Classic Programs					
C1/NOIR12	Kishimoto	Antonucci, Hoenig, Millour, Tristram, Weigelt		AGN torus: dissecting the dusty wind launching region	Dec 1-5 (all B)
C2/NOIR14	Theissen	Gagliuffi, Boyajian, Burgasser, Faherty, Huber, van Belle, von Braun		Investigating Radius Inflation in the Lowest Mass Planet Hosts: CHARA Observations of Teegarden's Star	Dec 5A
Engineering Programs					
E1AO	Kubiak	CHARA		Adaptive Optics Engineering	Aug 12, 26, Sep 9, 30, 15, Nov 11, 18, Dec 2, 9 (all A)
E2SL	Lanthermann	ten Brummelaar, Iuthill, Anugu, Ligon, Gies, Schaefer, Taras, Piroscia		Silmaril Engineering	Sep 5-7
E3CM	Ligon	Kubiak, Koehler, Gies		CMAP Engineering	Sep 25-26, Nov 3-4, Dec 6-7
E4SP	Mourard	CHARA/SPICA		SPICA Engineering	Aug 12A, Sep 9B, Sep 30A, Nov 11A, Dec 9A
E5CH	Scott	Dinkelaker, Barjot, Labadie, Madhav, Benoit, Thomson, Anugu		CHARIOT Engineering	Oct 21-22
E6DR	Scott	Anugu, Woods, Castillo		Drive Replacement	TBD
E7MR	Scott	Ligo, Farrington, Turner, CHARA		Mirror Recoating	TBD
E8SN	Schaefer	Gies, Farrington, Flores, Jones, Lanthermann		Queue Snapshot Observing	Aug 11, Sep 2A, Oct 29A
E9BNL	Stankus	BNL Team, Schaefer, Scott, Farrington		Quantum Interferometry Engineering	Oct 21-22
MIRC Programs					
M1	Anugu	Schaefer, Monnier, Kraus, Mourard, Gies, Flores		CHARA-Dual: Commissioning CHARA Dual-Field Interferometry with Double Stars	Aug 29-31
M2	Anugu	Gies, Schaefer, Monnier, Baron, Roettenbacher		Monitoring of Yellow Hypergiants RW Cep and p Cas stellar surfaces: Probing Peculiar Evolutionary Phases	Aug 26B, Sep 8B, Oct 19A, Nov 20A
M3	Flores	White, Schaefer		Angular Diameters of Wide Binaries with Mass Information	Nov 6-8
M4	Gies	Klement, Anugu, Wang, Schaefer, Wysocki, Chaturvedi		Coordinated HST/CHARA Orbits of Be+sdO Binaries	Aug 22, Oct 30
M5	Ibrahim	Monnier, Kraus, MIRC-X/MySTIC team		CHARA imaging Survey of T Tauri Stars	Nov 21-26, Dec 17-22
M6	Kraus	Lancaster, Codron, Paul, Monnier, Ibrahim, Anugu, MIRC-X/MySTIC Team		The MIRC-X + MYSTIC Large Program on imaging time-variable structures in Herbig Ae/Be stars	Oct 15B, 17B, 18B, 19B 25, 31, Nov 2, 10B, 18B
M7	Lanthermann	Mahy, Bordier, Fabry, Sana, Schaefer, Gies, LaFountain		O-type star's orbit an mass determination	Aug 1-2
M8	Lanthermann	Sana, Le Bouquin, Schaefer, Gies, Gosset, Bordier, Frost, Mahy, De Becker, Absil, Reggiani		Northern Massive Stars at High Angular Resolution	Nov 19B, 20B
M9	Lu	Kraus		CHARA survey on Gaia binaries: stellar evolution and binary formation at low/high metallicity	Aug 4A, 5, Oct 23, Dec 1A
M10	Monnier	Gardner, Shuai		Astrometric monitoring for long period planets in A/B-type binaries with MIRC-X	Sep 16-17, Nov 30
M11	Patel	White, Jones, Flores, Kane		Open Cluster Ages from Giant Star Sizes	Aug 27B, 28
M12	Roettenbacher	Monnier, Anugu, Baines, Stone, Rajagopal		Interferometric Observations of Habitable Worlds Observatory Provisional Targets	Sep 19B, 20B, 21B, 23B, 27B
M13	Schaefer	Farrington, Jones, White		Resolving the Orbits of Low Mass Companions in the Hyades Cluster	Oct 26B, 29B
M14	Shuai	Monnier, Ibrahim, Kraus, Harries, Setterholm		MIRC-X Polarimetry Preparation: Measuring Diameters and Dust Levels of AGB Stars Near AB Aur	Nov 28-29
M15/NOIR1	Norris	Otolakowska-Hypka, Anugu, Aydi, Banerjee, Caruso, Chomiuk, Creech-Eakman, Evans, Gaudin, Gustafson, Keller, Kloppenborg, Lagadec, Linford, Meilland, Merand, Millour, Monnier, Mourard, Munari, Nardetto, Proni, Sokoloski, Spang, Williams, Woodward		A high resolution look at the nearest recurrent nova, TCrB	TOO (2n)
M16/NOIR2	Tiburcio	Boyajian, Elliott, Penny		Calibrating Surface-Brightness Relationships Using Photometric Standard Stars	Aug 24-25
M17/NOIR3	Hom	Anche, Bailey, Brandner, Douglas, Girard, Greenbaum, Monnier, Roettenbacher, Schragal, Stapelfeldt, Wolff		Vetting PSF Reference Stars for the Roman-Coronagraph and Habitable Worlds Observatory	Aug 3B, Sep 3, Dec 8B, 9B
M18/NOIR5	Baylis-Aguirre	Creech-Eakman, Norris, van Belle		The MIRC-X/MYSTIC Interferometrically Resolved Atmospheres (MIRA) Project: High Resolution Imaging of Evolved Star Atmospheres	Aug 4B, Sep 2B, Oct 17A, Nov 19A, Dec 8A
M19/NOIR7	Kraus	Anugu, Monnier		Tracing asymmetric disk features in AB Aurigae, through a full orbital cycle	Oct 20, 24, 28, Nov 1, 5, 9
M20/NOIR8	Jonak	Mourard		Weighing the Sunds: High Precision Mass Measurements of Solar-Type Stars	Sep 1, 15, 28, Oct 14, 27
M21/NOIR9	Labadie-Bartz	Baade, Carciofi, Klement, Neiner, Richardson		An astrometric orbit for the unique Be Binary QR Vul	Aug 3A, Aug 27A, Sep 8A, 23A, Oct 18A, Nov 10A
M22/NOIR10	Frothingham	Norris		High Resolution Imaging of High Mass-Loss Red Supergiants and the Extend Atmospheres with MIRCx+MYSTIC	Aug 23, Sep 4
M23/NOIR11	Gallenne	Evans, Kervella, Merand, Monnier, Nardetto, Sivkova		Multiplicity of Galactic Cepheids from Long Baseline Interferometry	Aug 6-10
M24/NOIR15	Aydi	Chomiuk, Craig, Linford, Merand, Monnier, Mukai, Sokoloski, Sokolovsky		Surveying the ejecta in novae using CHARA	TOO (2n)
M25/NOIR16	Klement			Be stars with stripped companions as cornerstones of evolution of massive binaries	Sep 19A, 22, 27A
TOO	TOO			Reserved for TOO Makeup/Snapshot Observing	Sep 20A, Sep 21A, Oct 26A
PAVO Programs					
P1/NOIR6	Ciardi	Danielski, Kesseli, Rainer		Measuring The Physical Parameters of Exoplanet Host Stars with Interferometry for Ariel	Dec 3-4
Silmaril Programs					
SL1	Kishimoto	Anugu, Lanthermann, ten Brummelaar, Tuthill, Schaefer, Ligon, Taras, Piroscia		AGN Torus and its accretion edge	Dec 6B, 7B
SPICA Programs					
SPICA	Mourard	The ISSP Team		SPICA Block Schedule	Aug 12B, 13B, 14-17, Sep 10-14, Oct 1B, 3-6, 8A, Nov 12-16, Dec 10-14
S1C	Jones	Schaefer, White		The Age of the Hyades	Nov 17
S2C	Kane	White, Flores, Jones, Mourard, Domiciano, Ligi, Pratt		A Study of Rotation, Convection, and Activity Across the Kraft Break	Oct 9A, 10
S3C	Nowacki	SPICA Team		First multi-chromatic imaging of young stellar objects.	Oct 1, Oct 8B, 9B
S4C	Chowhan	Lundkvist, Vrand, Li, Bedding, Huber, Campante, Mourard, White		Shedding light on radius inflation in K-dwarfs using interferometry of K-dwarf-asteroseismology targets	Aug 13A, Nov 11B
S5C	Roettenbacher	Monnier		Obtaining a Multiwavelength Interferometric Images of τ Ceti and GJ 33	Sep 18, 24, 29, Oct 2, 7, 11, 16
S6C/NOIR1	Norris	Otolakowska-Hypka, Anugu, Aydi, Banerjee, Caruso, Chomiuk, Creech-Eakman, Evans, Gaudin, Gustafson, Keller, Kloppenborg, Lagadec, Linford, Meilland, Merand, Millour, Monnier, Mourard, Munari, Nardetto, Proni, Sokoloski, Spang, Williams, Woodward		A high resolution look at the nearest recurrent nova, TCrB	TOO (2n)
S7C/NOIR4	Bailleul	Nardetto, Bras, Evans, Gallenne, Gieren, Hocde, Kervella, Merand, Monnier, Mourard, Pietrzynski		Unlocking the projection factor of Cepheids: interferometric survey of Cepheids	Aug 18-19, Oct 12-13
S8/NOIR13	Soubiran	Bailleul, Casamiquela, Creevy, Ebrahimkuty, Heiter, Pfeil, Mourard, Nardetto		Gaia FGK Benchmark Stars: Metal Poor Stars	Aug 20-21, Dec 15-16

CHARA Array 2025B Observing Schedule

Sunday			Monday			Tuesday			Wednesday			Thursday			Friday			Saturday			
August														1	M7 M7	ALL ALL		2	M7 M7	ALL ALL	
	3	M21/NOIR9 M17/NOIR3	ALL ALL	4	M9 M18/NOIR5	ALL ALL	5	M9 M9	ALL ALL	6	M23/NOIR11 M23/NOIR11	ALL ALL	7	M23/NOIR11 M23/NOIR11	ALL ALL	8	M23/NOIR11 M23/NOIR11	ALL ALL	9	M23/NOIR11 M23/NOIR11	ALL ALL
	10	M23/NOIR11 M23/NOIR11	ALL ALL	11	E8SN E8SN	ALL ALL	12	E1AO/E4SP SPICA	ALL ALL	13	S4C SPICA	ALL ALL	14	SPICA SPICA	ALL ALL	15	SPICA SPICA	ALL ALL	16	SPICA SPICA	ALL ALL
	17	SPICA SPICA	ALL ALL	18	S7C/NOIR4 S7C/NOIR4	ALL ALL	19	S7C/NOIR4 S7C/NOIR4	ALL ALL	20	S8/NOIR13 S8/NOIR13	ALL ALL	21	S8/NOIR13 S8/NOIR13	ALL ALL	22	M4 M4	ALL ALL	23	M22/NOIR10 M22/NOIR10	ALL ALL
	24	M16/NOIR2 M16/NOIR2	ALL ALL	25	M16/NOIR2 M16/NOIR2	ALL ALL	26	E1AO M2	ALL ALL	27	M21/NOIR9 M11	ALL ALL	28	M11 M11	ALL ALL	29	M1 M1	ALL ALL	30	M1 M1	ALL ALL
	31	M1 M1	ALL ALL	1	M20/NOIR8 M20/NOIR8	ALL ALL	2	E8SN M18/NOIR5	ALL ALL	3	M17/NOIR3 M17/NOIR3	ALL ALL	4	M22/NOIR10 M22/NOIR10	ALL ALL	5	E2SL E2SL	S1S2W2 S1S2W2	6	E2SL E2SL	S1S2W2 S1S2W2
September	7	E2SL E2SL	S1S2W2 S1S2W2	8	M21/NOIR9 M2	ALL ALL	9	E1AO E4SP	ALL ALL	10	SPICA SPICA	ALL ALL	11	SPICA SPICA	ALL ALL	12	SPICA SPICA	ALL ALL	13	SPICA SPICA	ALL ALL
	14	SPICA SPICA	ALL ALL	15	M20/NOIR8 M20/NOIR8	ALL ALL	16	M10 M10	ALL ALL	17	M10 M10	ALL ALL	18	S5C S5C	ALL ALL	19	M25/NOIR/16 M12	ALL ALL	20	TOO M12	ALL ALL
	21	TOO M12	ALL ALL	22	M25/NOIR16 M25/NOIR16	ALL ALL	23	M21/NOIR9 M12	ALL ALL	24	S5C S5C	ALL ALL	25	E3CM E3CM	S1S2E1T7 S1S2E1T7	26	E3CM E3CM	S1S2E1T7 S1S2E1T7	27	M25/NOIR16 M12	ALL ALL
	28	M20/NOIR8 M20/NOIR8	ALL ALL	29	S5C S5C	ALL ALL	30	E1AO/E4SP SPICA	ALL ALL	1	S3C S3C	ALL ALL	2	S5C S5C	ALL ALL	3	SPICA SPICA	ALL ALL	4	SPICA SPICA	ALL ALL
October	5	SPICA SPICA	ALL ALL	6	SPICA SPICA	ALL ALL	7	S5C S5C	ALL ALL	8	SPICA S3C	ALL ALL	9	S2C S3C	ALL ALL	10	S2C S2C	ALL ALL	11	S5C S5C	ALL ALL
	12	S7C/NOIR4 S7C/NOIR4	ALL ALL	13	S7C/NOIR4 S7C/NOIR4	ALL ALL	14	M20/NOIR8 M20/NOIR8	ALL ALL	15	E1AO M6	ALL ALL	16	S5C S5C	ALL ALL	17	M18/NOIR5 M6	ALL ALL	18	M21/NOIR9 M6	ALL ALL
	19	M2 M6	ALL ALL	20	M19/NOIR7 M19/NOIR7	ALL ALL	21	E5CH/E9BNL E5CH/E9BNL	ALL ALL	22	E5CH/E9BNL E5CH/E9BNL	ALL ALL	23	M9 M9	ALL ALL	24	M19/NOIR7 M19/NOIR7	ALL ALL	25	M6 M6	ALL ALL
	26	TOO M13	ALL ALL	27	M20/NOIR8 M20/NOIR8	ALL ALL	28	M19/NOIR7 M19/NOIR7	ALL ALL	29	E8SN M13	ALL ALL	30	M4 M4	ALL ALL	31	M6 M6	ALL ALL	1	M19/NOIR7 M19/NOIR7	ALL ALL
November	2	M6 M6	ALL ALL	3	E3CM E3CM	S1S2E1T7 S1S2E1T7	4	E3CM E3CM	S1S2E1T7 S1S2E1T7	5	M19/NOIR7 M19/NOIR7	ALL ALL	6	M3 M3	ALL ALL	7	M3 M3	ALL ALL	8	M3 M3	ALL ALL
	9	M19/NOIR7 M19/NOIR7	ALL ALL	10	M21/NOIR9 M6	ALL ALL	11	E1AO/E4SP S4C	ALL ALL	12	SPICA SPICA	ALL ALL	13	SPICA SPICA	ALL ALL	14	SPICA SPICA	ALL ALL	15	SPICA SPICA	ALL ALL
	16	SPICA SPICA	ALL ALL	17	S1C S1C	ALL ALL	18	E1AO M6	ALL ALL	19	M18/NOIR5 M8	ALL ALL	20	M2 M8	ALL ALL	21	M5 M5	ALL ALL	22	M5 M5	ALL ALL
	23	M5 M5	ALL ALL	24	M5 M5	ALL ALL	25	M5 M5	ALL ALL	26	M5 M5	ALL ALL	27			28	M14 M14	ALL ALL	29	M14 M14	ALL ALL
	30	M10 M10	ALL ALL	1	M9 C1/NOIR12	ALL ALL	2	E1AO C1	ALL ALL	3	P1/NOIR6 C1/P1	S1E1 S2E2W1W2(S1E1)	4	P1/NOIR6 C1/P1	S1E1 S2E2W1W2(S1E1)	5	C2/NOIR14 C1	S1E1 ALL	6	E3CM E3CM/SL1	S1S2E1T7 S1S2E1T7
December	7	E3CM E3CM/SL1	S1S2E1T7 S1S2E1T7	8	M18/NOIR5 M17/NOIR3	ALL ALL	9	E1AO/E4SP M17/NOIR3	ALL ALL	10	SPICA SPICA	ALL ALL	11	SPICA SPICA	ALL ALL	12	SPICA SPICA	ALL ALL	13	SPICA SPICA	ALL ALL
	14	SPICA SPICA	ALL ALL	15	S8/NOIR13 S8/NOIR13	ALL ALL	16	S8/NOIR13 S8/NOIR13	ALL ALL	17	M5 M5	ALL ALL	18	M5 M5	ALL ALL	19	M5 M5	ALL ALL	20	M5 M5	ALL ALL
	21	M5 M5	ALL ALL	22	M5 M5	ALL ALL	23			24			25			26			27		
	28			29			30			31											