

CHARA Array 2021B Observing Proposal Summary

PI	Co-I's	Title	Dates Assigned
CHARA Classic Programs			
C1/M3	Flores	White, Schaefer, Farrington, Monnier, Anugu, Gardner	Stellar Radii of Stars with Dynamically Determined Masses
MTP/ENG	Gies	ten Brummelaar, Ligon, Schaefer, Reynaud	Mobile Telescope Fiber Engineering
C3/P5/NOIR1	Ellis	Boyajian, von Braun	Radii of late type-dwarf, exoplanet hosts, and exoplanet host candidates
C4/P6/NOIR2	Boyajian	von Braun, Ellis	Diameters and Temperatures of Main Sequence FG stars
JOUFLU Programs			
ALOHA/ENG	Reynaud	Grossard	ALOHA Engineering
J1/ENG	Scott	ten Brummelaar, Coude du Foresto, Pedretti, Thomson, Labadie, Madhav, Roth, Pike, Sharma, Benoit, Dinkelaker, Nayak	JouFLU engineering
MIRC Programs			
M1	Abbott	Baron, Tsvetkova, Paladini, Konstantinova-Antova, Lebre, Morin, Goergiev, Monnier	The Magnetically active single M-giant RZ Ari
M2	Farrington	Schaefer, Fekel	Periastron passage of the extremely eccentric spectroscopic binary HD 181655
M3/C1	Flores	White, Schaefer, Farrington, Monnier, Anugu, Gardner	Stellar Radii of Stars with Dynamically Determined Masses
M4	Gardner	Monnier, LeBouquin, Ireland	MIRC-X Astrometry of substellar companions in close binary systems
M5	Klement	Schaefer, Monnier, Gies, Anugu, Wysocki, Baade	A MIRC-X Survey: Are all classical Be stars close binaries?
M6	Klement	Schultz, David-Uraz, Anugu	Imaging the surface of the hot supergiant Beta Ori
M7	Klement	Krticka	Towards the first detection of spots on a chemically peculiar star
M8	Kraus	Monnier, Setterholm, Ibrahim, Le Bouquin, Codron, Davies, Kreplin, Labdon, Anugu, ten Brummelaar	The MIRC-X+Mystic Large Program on imaging time-variable structures in protoplanetary disks
M9	Kraus	Monnier, Le Bouquin, Davies, Labdon, Kreplin, Zarrilli, Anugu	Resolving stellar orbits and disk alignments in pre-main-sequence binary systems
M10	Labdon	Kraus, Monnier, Le Bouquin, Anugu, Setterholm	Follow-up J-band observations of YSOs with MIRC-X
M11	Lanthermann	Sana, Le Bouquin, Schaefer, Gies, Gosset, Bordier, Frost, Mahy, De Becker, Absil, Reggiani	Northern Massive Stars at High Angular Resolution
M12/ENG	Monnier	Le Bouquin, Kraus, ten Brummelaar, Anugu, Lanthermann, Setterholm, Ennis, Labdon	MYSTIC Engineering
M13	Monnier	Gardner, Rauscher	Confirming the detection of hot Jupiter upsilon Andromedae b with MIRC-X
M14	Norris	Abbott, Baron, Kravchenko, Martinez, Tessore, Chiavassa, Lebre, Lopex-Ariste, Monnier, Montarges, Paladini, Van Eck	Long-term monitoring of the short term evolution of the surface of red supergiants
M15	Schaefer	Bender, Simon, Farrington	Resolving the orbits of Low Mass Companions in the Hyades Cluster
M16	Setterholm	Monnier, LeBouquin, Kraus, Anugu, Labdon	MIRC-X YSO Polarimetry
M17	Shepard	Gies, Schaefer	Circumbinary disks around massive interacting binary systems
M18/ENG	ten Brummelaar	Anderson, Farrington	AO Engineering
M19	Roettenbacher	Fischer, Korhonen, Cabot	Disentangling Stellar Activity and Planetary Signatures with the First Interferometric Images of Sunlike Stars
M20/NOIR3	Gallenne	Kervella, Merand, Evans, Proffitt	Multiplicity of Galactic Cepheids from long-baseline interferometry
M21/NOIR4	Aydi	Chomiuk, Richardson, Sokolovski, Kawash, Mukai, Sokolovsky, Linford	Imaging the Evolution and Expansion of Nova Ejecta
M22/NOIR5	Torres		Dynamical Masses, radii, and age of Castor A and B
M23/NOIR6	Siverd	Stassun, Stevens, Lund	Mass and radius determination of a bright eclipsing giant system with CHARA
M24/NOIR7	Anugu	Norris, Montarges, Creech-Eakman, Dupree	Monitoring of convection in Betelgeuse and S Per for studying mass-loss
M25/NOIR8	Gaudin	Norris, Creech-Eakman	Investigating mass transfer in M-type symbiotic stars
M26/NOIR9	Torres	Stefanik	Refining the mass-luminosity relation in the Hyades Cluster
M27/NOIR10	Sandquist		Precise ages from masses - Bright resolved binaries in Praesepe and alpha Persei Clusters
M28/NOIR11	Richardson	Moffat, St-Louis, Hill, Sander, Eldridge, Chene, Thomas	Dynamical masses for Wolf-Rayet stars
M29/NOIR12	Roettenbacher	Fischer, Korhonen, Cabot	Disentangling Stellar Activity and Planetary Signatures with the First Interferometric Images of Sunlike Stars
M30/NOIR13	Dsilva	Shenar, Sana, Richardson, Mahy, Frost, Bordier	Searching for companions around Wolf-Rayet stars with CHARA
PAVO Programs			
P1	Jones	White	The Age of the Hyades
P2	Ireland	Karovicova, White	Interferometric observations of stars for calibrating large stellar surveys of the Milky way
P3	Rains	Ireland, White, Zerjal, Casagrande, Huber	Accurate diameters of M-dwarfs with PAVO
P4	White	Bedding, Murphy, Huber, Joyce, Ireland	Angular sizes and oblateness of delta scuti pulsators observed with TESS
P5/C3/NOIR1	Ellis	Boyajian, von Braun	Radii of late type-dwarf, exoplanet hosts, and exoplanet host candidates
P6/C4/NOIR2	Boyajian	von Braun, Ellis	Diameters and Temperatures of Main Sequence FG stars
Other Programs			
SPICA/ENG	Mourard	Berio and SPICA Team	SPICA Engineering
OPL	Turner	ten Brummelaar	Ople Engineering

CHARA Array 2021B Observing Schedule

		Sunday		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday							
August	1	M23/NOIR6 M23/NOIR6	ALL ALL	2	OPLE OPLE	ALL ALL	3	OPLE OPLE	ALL ALL	4	M9 M9	ALL ALL	5	M18/ENG M9	ALL ALL	6	M4 M4	ALL ALL	7	M4 M4	ALL ALL
	8	M4 M4	ALL ALL	9	M8 M8	ALL ALL	10	M8 M8	ALL ALL	11	M5 M5	ALL ALL	12	M18/ENG M5	ALL ALL	13	M12/ENG M12/ENG	ALL ALL	14	M12/ENG M12/ENG	ALL ALL
	15	M12/ENG M12/ENG	ALL ALL	16	M12/ENG M12/ENG	ALL ALL	17	M12/ENG M12/ENG	ALL ALL	18	M14 M14	ALL ALL	19	M18/ENG C3/P5/NOIR1	No S2 No S2	20	C3/P5/NOIR1 C3/P5/NOIR1	No S2 No S2	21	C3/P5/NOIR1 C3/P5/NOIR1	No S2 No S2
	22	C3/P5/NOIR1 C3/P5/NOIR1	No S2 No S2	23	C3/P5/NOIR1 C4/P6/NOIR2	No S2 No S2	24	C4/P6/NOIR2 C4/P6/NOIR2	No S2 No S2	25	C4/P6/NOIR2 C4/P6/NOIR2	No S2 No S2	26	M18/ENG C4/P6/NOIR2	No S2 No S2	27	P2 P2	No S2 No S2	28	P2 P2	No S2 No S2
	29	M30/NOIR13 M30/NOIR13	ALL ALL	30	M17 M17	ALL ALL	31	M17 M17	ALL ALL	1	MTP/ENG MTP/ENG	ALL ALL	2	M18/ENG MTP/ENG	ALL ALL	3	MTP/ENG M1	ALL ALL	4	M10 M1	ALL ALL
September	5	M10 M1	ALL ALL	6	M10 M10	ALL ALL	7	C1/M3 C1/M3	S1E1 S1E1	8	C1/M3 C1/M3	S1E1 S1E1	9	M2 M8	ALL ALL	10	M8 M8	ALL ALL	11	M8 M8	ALL ALL
	12	M8 M8	ALL ALL	13	M2 M8	ALL ALL	14	M3/C1 M3/C1	ALL ALL	15	M20/NOIR3 M20/NOIR3	ALL ALL	16	M18/ENG M20/NOIR3	ALL ALL	17	M20/NOIR3 M20/NOIR3	ALL ALL	18	M20/NOIR3 M20/NOIR3	ALL ALL
	19	M25/NOIR8 M20/NOIR3	ALL ALL	20	M25/NOIR8 M25/NOIR8	ALL ALL	21	M5 M25/NOIR8	ALL ALL	22	M5 M5	ALL ALL	23	M18/ENG M5	ALL ALL	24	M4 M4	ALL ALL	25	M4 M4	ALL ALL
	26	M4 M4	ALL ALL	27	M14 M14	ALL ALL	28	M24/NOIR7 M24/NOIR7	ALL ALL	29	M24/NOIR7 M24/NOIR7	ALL ALL	30	M18/ENG M15	ALL ALL	1	M8 M8	ALL ALL	2	M8 M8	ALL ALL
October	3	M8 M8	ALL ALL	4	M8 M8	ALL ALL	5	M28/NOIR11 M26/NOIR9	ALL ALL	6	M30/NOIR13 M26/NOIR9	ALL ALL	7	M18/ENG P4	No S1 E1W1W2S2	8	P4 P4	E1W1W2S2 E1W1W2S2	9	P4 P4	E1W1W2S2 E1W1W2S2
	10	P3 P3	W1W2E2S2 W1W2E2S2	11	P3 P3	W1W2E2S2 W1W2E2S2	12	P2 P2	No S1 No S1	13	P4 P4	E1W1W2S2 E1W1W2S2	14	M18/ENG P4	No S1 E1W1W2S2	15	M30/NOIR13 M15	ALL ALL	16	M13 M13	ALL ALL
	17	M13 M13	ALL ALL	18	M13 M13	ALL ALL	19	M13 M13	ALL ALL	20	M13 M13	ALL ALL	21	M18/ENG M15	ALL ALL	22	M4 M4	ALL ALL	23	M4 M4	ALL ALL
	24	M4 M4	ALL ALL	25	M16 M16	ALL ALL	26	M16 M16	ALL ALL	27	M16 M16	ALL ALL	28	M18/ENG M16	ALL ALL	29	M16 M16	ALL ALL	30	M14 M14	ALL ALL
	31	M19/NOIR M19/NOIR	ALL ALL	1	M29/NOIR12 M29/NOIR12	ALL ALL	2	M19/NOIR M19/NOIR	ALL ALL	3	M29/NOIR12 M29/NOIR12	ALL ALL	4	M19/NOIR M19/NOIR	ALL ALL	5	M29/NOIR12 M29/NOIR12	ALL ALL	6	M19/NOIR M19/NOIR	ALL ALL
November	7	M29/NOIR12 M29/NOIR12	ALL ALL	8	M19/NOIR M19/NOIR	ALL ALL	9	M29/NOIR12 M29/NOIR12	ALL ALL	10	M19/NOIR M19/NOIR	ALL ALL	11	M8 M29/NOIR12	ALL ALL	12	M8 M8	ALL ALL	13	M8 M9	ALL ALL
	14	M8 M9	ALL ALL	15	M8 M9	ALL ALL	16	M6 M6	ALL ALL	17	M26/NOIR9 M27/NOIR10	ALL ALL	18	M26/NOIR9 DD	ALL ALL	19	M4 M4	ALL ALL	20	M4 M4	ALL ALL
	21	M4 M4	ALL ALL	22	M9 M22/NOIR5	ALL ALL	23	M9 M9	ALL ALL	24	M9 M9	ALL ALL	25	M9 M9	ALL ALL	26	P1 P1	E1E2W1W2S2 E1E2W1W2S2	27	P1 P1	E1W1W2S2 E1W1W2S2
	28	P1/J1/ENG P1/J1/ENG	J(S1S2) P(E1E2W1W2)	29	ALOHA/ENG ALOHA/ENG	S1S2 S1S2	30	ALOHA/ENG ALOHA/ENG	S1S2 S1S2	1	ALOHA/ENG ALOHA/ENG	S1S2 S1S2	2	ALOHA/ENG ALOHA/ENG	S1S2 S1S2	3	ALOHA/ENG ALOHA/ENG	S1S2 S1S2	4	M4 M4	ALL ALL
December	5	M4 M4	ALL ALL	6	M3/C1 M3/C1	ALL ALL	7	M15 M22/NOIR5	ALL ALL	8	SPICA/ENG SPICA/ENG	ALL ALL	9	SPICA/ENG SPICA/ENG	ALL ALL	10	M11 M27/NOIR10	ALL ALL	11	M11 M11	ALL ALL
	12	M11 M7	ALL ALL	13	M1 M7	ALL ALL	14	M1 M22/NOIR5	ALL ALL	15	M1 M5	ALL ALL	16	M5 M5	ALL ALL	17	M5 M5	ALL ALL	18	M5 M27/NOIR10	ALL ALL
	19	M26/NOIR9 M22/NOIR5	ALL ALL	20	M26/NOIR9 M27/NOIR10	ALL ALL	21	M17 M17	ALL ALL	22	M17 M17	ALL ALL	23			24			25		
	26			27			28			29			30			31			1		