

CHARA Array 2020B Observing Proposal Summary

Program Number	PI	Co-I's	Title	Dates Assigned
CHARA Classic Programs				
C1/NOAO3	Ellis	Boyajian, von Braun	Radii of late type-dwarf, exoplanet hosts, and exoplanet host candidates	Aug 19, 20 (2nd half), 21-22, 23 (1st half)
C2/NOAO10	Theissen	Burgasser, Huber, Boyajian, von Braun, Faherty	Investigating Radius Inflation in the Lowest Mass Planet Host: CHARA Observations of Teegarden's Star	Oct 25-26 (2nd half), Nov [24-25 1st half], 27, Dec [4-5 1st half]
CLIMB Programs				
CL1	Flores	White, Schaefer	Stellar Radii of Stars with Dynamically Determined Masses	Sep 4
JOUFLU Programs				
J1/ENG	Scott	ten Brummelaar, Coude du Foresto, Pedretti, Thomson, Labadie, Madhav, Roth, Pike, Sharma, Benoit, Dinkelaker, Nayak	JouFLU Engineering	Oct 25-26 (1st half)
MIRC Programs				
M1	Abbott	Baron, Paladini, Monnier	MIRC imaging of AGB stars	Oct 18-21 (1st half), Nov 13-14, (16-17 - 1st half)
M2	Abbott	Baron, Tsvetkova, Paladini, Konstantinova-Antova, Lebre, Morin, Goergiev, Monnier	The magnetically active single M giant RZ Ari	Sep 2-3 Dec 21-22
M3	Gardner	Monnier, Le Bouquin, Ireland	MIRC-X Astrometry of substellar companions in binary systems	Aug 12-13(2nd half),14-15, Sep [18, 21 (1st half)] 19-20, Oct 7, 9-10, Nov 2-3 (1st half), 4-5, Dec 11 (1st half), 12-13
M5	Klement	Schaefer, Monnier, Gies, Wysocki	A MIRC-X survey: Are all classical Be stars close binaries	Aug 16-17, Nov 28, 29-30 (1st half), Dec 1
M6	Kraus	Monnier, Le Bouquin, Davies, Kreplin, Setterholm, Labdon, Anugu, ten Brummelaar	The MIRC-X + Mystic Large Program on imaging time-variable structures in protoplanetary disks	Aug 8 (2nd half), 9, 10 (first half), Sep [17, 18, 21, 24 (2nd half)], 22, 23, Oct 15 (2nd half), 16-17, 18 (2nd half), Nov 6-8,
M7	Kraus	Zarilli, Monnier, Le Bouquin, Davies, Anugu, Kreplin, Labdon	Resolving Stellar orbits and disk alignments in pre-main sequence binary systems	Aug 6 (2nd half), 7, 8 (first half), Nov 16-17(2nd half), 18-19
M8	Labdon	Kraus, Monnier, Le Bouquin, Anugu, Setterholm	Follow-up J-band observations of YSOs with MIRC-X	Sep 29-30
M9	Martinez	Baron, Monnier, van Belle	Contemporaneous imaging of Rapid Rotators with CHARA/MIRC-X and NPOI/VISION	Aug 1-5, Sep 7-9
M10	Martinod	Tuthill, Rattenbury, Schaefer, Lewis, White, Monnier, Merand, Dong, Gould	Imaging gravity: microlensing at milli-arcsecond scales	TOO
M12	Schaefer	Bender, Simon, Farrington	Resolving the orbits of low mass companions in the Hyades Cluster	Nov 9,10,12,15
M13	Setterholm	Monnier, LeBouquin, Kraus, Anugu, Labdon	MIRC-X YSO Polarimetry	Oct 11-14
M15/ENG	Monnier	Le Bouquin, Kraus, ten Brummelaar, Anugu, Lanthermann, Setterholm, Gardner, Labdon	MYSTIC Engineering	Oct 27-28, 29 (2nd half), 30-31, Nov 1 (1st half)
M16/ENG	ten Brummelaar	CHARA	AO CHARA Engineering	Every Thursday (first half) except Sept 3, Nov 5, 12, 19, Dec 17
M17	Lester	Farrington, Gardner, Gies, Monnier, Schaefer	Visual Orbits of Spectroscopic Binaries	Aug 10 (2nd half), 11, 12 (1st half),
M18/NOAO1	Evans	Gallenne, Kervella, Merand, Bond	The Dynamical Mass of Polaris, the Nearest Cepheid: The Periastron Campaign	Aug 18
M19/NOAO2	Gallenne	Kervella, Merand, Evans, Proffitt	Multiplicity of Galactic Cepheids from Long Baseline Interferometry	Sep 25-28
M20/P6/NOAO4	Greenbaum	Nielsen, De Rosa, Wang, Konopacky, Ward-Duong	Orbits of Moving Group Binaries at Small Angular Separations with CHARA	Dec 8-9
M21/V8	Klement	Carciofi, Labadie-Bartz, Monnier, Mourard, Rivinius, Schaefer, Gies	The missing link to understand the star-disk connection in Be stars: Imaging the initial phases of new disk formation	TOO
M22/NOAO5	Aydi	Chomiuk, Richardson, Sokolovski, Kawash, Mukai, Sokolovsky, Linford	Imaging the Evolution and Expansion of Nova Ejecta	TOO
M23/NOAO6	De Furio	Meyer	The A-Star Binary Controversy: Bi-modal or Log-normal?	Dec 19-20
M24/NOAO7	Anugu	Montarges, LeBouquin, Eisner, Ertel, Kluska, Morzinski, Stone	Monitoring of Betelgeuse: The Great Dimming and next?	Sep 10,Oct 8, Nov 1, Dec 3 (All 2nd half)
M25/NOAO8	Torres	Stefanik	Refining the Mass-Luminosity Relation in the Hyades Cluster	Oct 19-22 (2nd half), Nov 11, Dec 2, 14
M26/NOAO9	Sabin	Vega, Lebre, Montez, Stassun	Diving into the close stellar environment of the magnetic RV Tauri star U Mon	Nov 2-3 (2nd half), Nov 29-30 (2nd half), Dec [10-11 2nd half]
M27/NOAO11	Rajagopal	Anugu, Madadevan, Bender, Robertson, Stefansson	Radii of NEID targeted exoplanet hosts and exoplanet host candidates with CHARA/MIRC-X	Aug 31-Sep 1
PAVO Programs				
P1	Gordon	Gies, Schaefer	Angular sizes of Supergiant B Stars	Oct 23-24
P2	Jones	Martens, White, Egeland, Baron, Monnier, Roettenbacher	Radii of Solar Analogues	Aug 30, Dec 4-5
P3	Rains	Ireland, White, Zerjal, Casagrande, Huber	Accurate diameters of M-dwarfs with PAVO	Nov 24-25
P4/V5	White	Huber, Creevy, Boyajian, Ireland, Tuthill, Bedding, Murphy, Stello, Silva Aguirre, Nardetto, Mourard	Angular diameters of oscillating solar-type stars observed by TESS	Sep 4-6
P5/NOAO3	Ellis	Boyajian, von Braun	Radii of late type-dwarf, exoplanet hosts, and exoplanet host candidates	Aug 19, 20 (2nd half), 21-22, 23 (1st half)
P6/M20/NOAO4	Greenbaum	Nielsen, De Rosa, Wang, Konopacky, Ward-Duong	Orbits of Moving Group Binaries at Small Angular Separations with CHARA	Dec 6-7
VEGA Programs				
V1	Klement	Carciofi, Rivinius, Tallon-Bosc	3D structure of the winds of BA Supergiants	V1: Aug 23 (2nd half), 24-26, 27 (2nd half), 28-29
V2	Salsi	Nardetto, Mourard, Domiciano, Creevy, Graczyk, Pietrzynski	Calibration of the surface brightness-colour relation of OBA early type stars: Toward a very accurate distance determination of M31 and M33 eclipsing binaries	V2: Sep 11-16
V3	Wysocki	Gies, Klement, Schaefer, Meiland, Mourard, Monnier	Be Star Disk Asymmetries	V3: Oct 1 (1st half), 2-6
V4/M14	Klement	Schultz, David-Uraz, Mourard, Baron Carciofi, Schaefer	Deneb: uncovering the stellar surface and circumstellar wind structure	V4: Nov 20-23
V5/P4	White	Huber, Creevy, Boyajian, Ireland, Tuthill, Bedding, Murphy, Stello, Silva Aguirre, Nardetto, Mourard	Angular diameters of oscillating solar-type stars observed by Tess	V5: Dec 15-18
V6/ENG	Mourard	The VEGA Team	SPICA Engineering	
V7	Mourard	Harmanec, Stencel	High spectral and spatial resolution follow-up of e Auriga eclipse	
V8/M21	Klement	Carciofi, Labadie-Bartz, Monnier, Mourard, Rivinius, Schaefer, Gies	The missing link to understand the star-disk connection in Be stars: Imaging the initial phases of new disk formation	

CHARA Array 2020B Observing Schedule

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
August							1 M9 ALL M9 ALL
	2 M9 ALL M9 ALL	3 M9 ALL M9 ALL	4 M9 ALL M9 ALL	5 M9 ALL M9 ALL	6 M16/ENG ALL M7 ALL	7 M7 ALL M7 ALL	8 M7 ALL M6 ALL
	9 M6 ALL M6 ALL	10 M6 ALL M17 ALL	11 M17 ALL M17 ALL	12 M17 ALL M3 ALL	13 M16/ENG ALL M3 ALL	14 M3 ALL M3 ALL	15 M3 ALL M3 ALL
	16 M5 ALL M5 ALL	17 M5 ALL M5 ALL	18 M18/NOAO1 ALL M18/NOAO1 ALL	19 C1/P5/NOAO3 ALL C1/P5/NOAO3 ALL	20 M16/ENG ALL C1/P5/NOAO3 ALL	21 C1/P5/NOAO3 ALL C1/P5/NOAO3 ALL	22 C1/P5/NOAO3 ALL C1/P5/NOAO3 ALL
	23 C1/P5/NOAO3 ALL V1 ALL	24 V1 ALL V1 ALL	25 V1 ALL V1 ALL	26 V1 ALL V1 ALL	27 M16/ENG ALL V1 ALL	28 V1 ALL V1 ALL	29 V1 ALL V1 ALL
30 P2 W1W2E1E2 P2 W1W2E1E2	31 M27/NOAO11 ALL M27/NOAO11 ALL	1 M27/NOAO11 ALL M27/NOAO11 ALL	2 M2 ALL M2 ALL	3 M2 ALL M2 ALL	4 P4/CL1 P4/CL1	5 CL1: S1W1E1 P4:E2W2S2	P4 E1E2W1W2 P4 E1E2W1W2
September	6 P4 E1E2W1W2 P4 E1E2W1W2	7 M9 ALL M9 ALL	8 M9 ALL M9 ALL	9 M9 ALL M9 ALL	10 M16/ENG ALL M24/NOAO7 ALL	11 V2 ALL V2 ALL	12 V2 ALL V2 ALL
	13 V2 ALL V2 ALL	14 V2 ALL V2 ALL	15 V2 ALL V2 ALL	16 V2 ALL V2 ALL	17 M16/ENG ALL M6 ALL	18 M3 ALL M6 ALL	19 M3 ALL M3 ALL
	20 M3 ALL M3 ALL	21 M3 ALL M6 ALL	22 M6 ALL M6 ALL	23 M6 ALL M6 ALL	24 M16/ENG ALL M6 ALL	25 M19/NOAO2 ALL M19/NOAO2 ALL	26 M19/NOAO2 ALL M19/NOAO2 ALL
	27 M19/NOAO2 ALL M19/NOAO2 ALL	28 M19/NOAO2 ALL M19/NOAO2 ALL	29 M8 ALL M8 ALL	30 M8 ALL M8 ALL	1 M16/ENG ALL V3 ALL	2 V3 ALL V3 ALL	3 V3 ALL V3 ALL
October	4 V3 ALL V3 ALL	5 V3 ALL V3 ALL	6 V3 ALL V3 ALL	7 M3 ALL M3 ALL	8 M16/ENG ALL M24/NOAO7 ALL	9 M3 ALL M3 ALL	10 M3 ALL M3 ALL
	11 M13 ALL M13 ALL	12 M13 ALL M13 ALL	13 M13 ALL M13 ALL	14 M13 ALL M13 ALL	15 M16/ENG ALL M6 ALL	16 M6 ALL M6 ALL	17 M6 ALL M6 ALL
	18 M1 ALL M6 ALL	19 M1 ALL M25/NOAO8 ALL	20 M1 ALL M25/NOAO8 ALL	21 M1 ALL M25/NOAO8 ALL	22 M16/ENG ALL M25/NOAO8 ALL	23 P1 S1E1 P1 S1E1	24 P1 S1E1 P1 S1E1
	25 J1 S1S2 C2/NOAO10 S1W1E1	26 J1 S1S2 C2/NOAO10 S1W1E1	27 M15/ENG ALL M15/ENG ALL	28 M15/ENG ALL M15/ENG ALL	29 M16/ENG ALL M15/ENG ALL	30 M15/ENG ALL M15/ENG ALL	31 M15/ENG ALL M15/ENG ALL
November	1 M15/ENG ALL M24/NOAO7 ALL	2 M3 ALL M26/NOAO9 ALL	3 M3 ALL M26/NOAO9 ALL	4 M3 ALL M3 ALL	5 M3 ALL M3 ALL	6 M6 ALL M6 ALL	7 M6 ALL M6 ALL
	8 M6 ALL M6 ALL	9 M12 ALL M12 ALL	10 M12 ALL M12 ALL	11 M25/NOAO8 ALL M25/NOAO8 ALL	12 M12 ALL M12 ALL	13 M1 ALL M1 ALL	14 M1 ALL M1 ALL
	15 M12 ALL M12 ALL	16 M1 ALL M7 ALL	17 M1 ALL M7 ALL	18 M7 ALL M7 ALL	19 M7 ALL M7 ALL	20 V4 ALL V4 ALL	21 V4 ALL V4 ALL
	22 V4 ALL V4 ALL	23 V4 ALL V4 ALL	24 P3/C2/NOAO10 P3 P3 C2: S1W1E1	25 P3/C2/NOAO10 P3 P3 C2: S1W1E1	26 P3/C2/NOAO10 P3 P3 C2: S1W1E1	27 C2/NOAO10 S1W1E1 C2/NOAO10 S1W1E1	28 M5 ALL M5 ALL
	29 M5 ALL M26/NOAO9 ALL	30 M5 ALL M26/NOAO9 ALL	1 M5 ALL M5 ALL	2 M25/NOAO8 ALL M25/NOAO8 ALL	3 M16/ENG ALL M24/NOAO7 ALL	4 P2/C2/NOAO10 P2 C2:S1W1E1 P2:E2W2S2	5 P2/C2/NOAO10 P2 C2:S1W1E1 P2:E2W2S2
	December	6 P6/NOAO4 ALL P6/NOAO4 ALL	7 P6/NOAO4 ALL P6/NOAO4 ALL	8 M20/NOAO4 ALL M20/NOAO4 ALL	9 M20/NOAO4 ALL M20/NOAO4 ALL	10 M16/ENG ALL M26/NOAO9 ALL	11 M3 ALL M26/NOAO9 ALL
13 M3 ALL M3 ALL		14 M25/NOAO8 ALL M25/NOAO8 ALL	15 V5 ALL V5 ALL	16 V5 ALL V5 ALL	17 V5 ALL V5 ALL	18 V5 ALL V5 ALL	19 M23/NOAO6 ALL M23/NOAO6 ALL
20 M23/NOAO6 ALL M23/NOAO6 ALL		21 M2 ALL M2 ALL	22 M2 ALL M2 ALL	23 M2 ALL M2 ALL	24 M2 ALL M2 ALL	25 M2 ALL M2 ALL	26 M2 ALL M2 ALL
27 M2 ALL M2 ALL		28 M2 ALL M2 ALL	29 M2 ALL M2 ALL	30 M2 ALL M2 ALL	31 M2 ALL M2 ALL	1 M2 ALL M2 ALL	2 M2 ALL M2 ALL