CHARA Array 2019B Observing Proposal Summary

Program Number	PI	Co-I's	Title	Dates Assigned
CHARA Classic Programs				
C1	Anderson/Kishimoto	Baron	Full Adaptive Optics Testing: Observing NGC 1068 AGN torus and dissecting the dusty wind launching region	Oct 28-29 (2nd), 30-31, Nov 1-2
C2	Schaefer	ten Brummelaar, Farrington, Anderson, Sturmann	Verification of Classic J-band Mode	Aug 1 (2nd), 2-4, 5 (1st)
C3/P9/NOAO6	Ellis	Boyajian, von Braun	Radii of late type-dwarf, exoplanet hosts, and exoplanet host candidates	Nov 20, 22, 23 (1st), 24, 25 (1st)
CLIMB Programs				
CL2	Lester	Farrington, Gies, Schaefer	Visual Orbits of A- and F-type Stars in Spectroscopic Binaries	Sept 15-17, Dec 19 (2nd), 20-22
CL4/NOAO1	Richardson	Moffat, Williams, Shenar, St. Louis	Weighing Evolved Massive Stars in Binary systems with Interferometry	Sept 3-4
CL5/M18/NOAO2	Chomiuk	Richardson, Kawash	Imaging the Evolution and Expansion of Nova Ejecta	TOO
CL3/P6	Tuthill	Rattenbury, Schaefer, Lewis, White, Martinod	Imaging gravity: microlensing at milli-arcesond scales	TOO
JOUFLU Programs				
ALOHA	Reynaud	Grossard	ALOHA CHARA @ 3.5 um L band	Oct 21-22 (1st)
MIRC Programs				
M1	Abbott	Baron, Paladini, Monnier	MIRC imaging of AGB stars	Nov 12 (2nd), 13 (1st), 14 (2nd), 15-19 (1st)
M2	Anugu	Kraus, Kluska, Davies, Le Bouquin, Setterholm, Labdon	Imaging the circumbinary and circumstellar disks around post-AGB stars	Aug 12-13, Oct 18 (2nd), 19, 20 (2nd)
M4	Gardner	Monnier, Le Bouquin, Ireland	MIRC-X Astrometry of substellar companions in close binary systems	Aug 5 (2nd), 6, 7, Sept 5 (2nd), 7, 9 (1st), Oct 12-13, Nov 10, 11 (1st), 12 (1st), Dec 17-18
M6	Kraus	Monnier, LeBouquin, Davies, Kreplin, Setterholm, Labdon, Anugu, ten Brummelaar	The MIRC-X + Mystic Large Program on imaging time-variable structures in protoplanetary disks	Sept 28-30, Oct 1-2, Oct 21-24 (2nd), 25, 26 (2nd), 27, 28 (1st)
M7	Kraus	Zarrilli, Monnier, LeBouquin, Davies, Anugu, Kreplin, Labdon	Resolving stellar orbits and disk alignments in pre-main-sequence binary systems	Aug 26, 28, Nov 26, 27 (1st), 29 (1st), 30
M8	Labdon	Setterholm, Kraus, Monnier, LeBouquin, Anugu	Commissioning the MIRC-X J-Band mode and the first J-band observations on a YSO	Nov 3, Nov 6
M9	Martinez	Baron, Monnier, van Belle	Contemporaneous Imaging of Rapid Rotators with CHARA/MIRC-X and NPOI/VISION	Aug 8 (2nd), 9-10, 11 (2nd) Nov 16 (2nd), 18 (2nd)
M12	Schaefer	Farrington, Gies	Masses of Massive O-Star Binaries	Aug 11 (1st), 31 (1st), Nov 7 (2nd), Dec 12 (2nd)
M13	Setterholm	Monnier, LeBouquin, Kraus, Labdon, Anugu	Probing Scattered Light Features in the Inner AU of Protoplanetary Disks: MIRC-X Polarinterferometry Pilot Program	Nov 8-9
M15/ENG	LeBouquin	Monnier, Kraus, ten Brummelaar, Anugu, Lanthermann, Setterholm, Gardner, Labdon	MYSTIC Commissioning	Sept 9 (2nd), 10, 12 (2nd), 13-14, 23 (2nd), 24-25, 26 (2nd), 27
M16/ENG	ten Brummelaar	LeBouquin, Labdon, Monnier, Kraus	New Generation Baseline Model for CHARA	Nov 4-5
M17/ENG	ten Brummelaar	CHARA	AO engineering	All 1st half, Aug 1, 8, 15, 22, 29, Sept 5, 12, 19, 26, Oct 3, 10, 17, 24, Nov 7, 14, 21, Dec 5, 12, 19
M18/CL5/NOAO2	Chomiuk	Richardson, Kawash	Imaging the Evolution and Expansion of Nova Ejecta	TOO
M19/NOAO3	Evans	Gallenne, Kervella, Merand, Bond	The Dynamical Mass of Polaris, the Nearest Cepheid: The Periastron Campaign	Sept 1
M20/NOAO4	Gallenne	Kervella, Merand, Evans, Proffitt	Multiplicity of Galactic Cepheids from long-baseline interferometry	Aug 29 (2nd), 31 (2nd), Oct 14 (2nd), 15-16, 17 (2nd)
M21/NOAO5	Roettenbacher	Korhonen, Henry	Interferometrically Detecting and Measuring Differential Rotation on the Spotted Giant zeta Andromedae	Whole - Aug 27, 30, Sept 2, 6, 8, 11, 1stHalf Oct 14, 18, 20, 23, 26, 29
M22/P10/NOAO7	Greenbaum	Nielsen, De Rosa, Wang, Konopacky, Ward-Duong	Orbits of Moving Group Binaries at Small Angular Separations with CHARA	Dec 1-2
M23/NOAO8	Roettenbacher	Korhonen, Berdyugina, Henry, Langlois, Berdyughin	Interferometric Imaging of the Spotted Star Sig Gem with Simultaneous Sepctropolarimetry	2nd Half Nov 11, 13, 15, 17, 19, 21, 23, 25, 27, 29
PAVO Programs				
P1	Egeland	Martens, Jones, R. White, Baron, Monnier	Radii of Solar Analogues	Sept 18, 19 (2nd), 20 (1st), Dec 13-14
P3	Gordon	Gies, Schaefer	Angular Sizes of Supergiant B Stars	Sept 20 (2nd), 21-22, 23 (1st)
P4	Rains	Ireland, T. White, Zerjal, Casagrande, Huber	Accurate Diameters of M-dwarfs with PAVO	Dec 15-16
P6/CL3	Tuthill	Rattenbury, Schaefer, Lewis, White, Martinod	Imaging gravity: microlensing at milli-arcesond scales	TOO
P7	White	Huber, Creevy, Boyajian, Ireland, Tuthill, Bedding, Li, Stello, Silva Aguirre, Nardetto, Mourard	Angular diameters of Oscillating Solar-Type Stars observed by TESS	Aug 23-25
C3/P9/NOAO6	Ellis	Boyajian, von Braun	Radii of late type-dwarf, exoplanet hosts, and exoplanet host candidates	Nov 20, 22, 23 (1st), 24, 25 (1st)
P10/M22/NOAO7	Greenbaum	Nielsen, De Rosa, Wang, Konopacky, Ward-Duong	Orbits of Moving Group Binaries at Small Angular Separations with CHARA	Dec 3-4
VEGA Programs				
V1,V2,V3	Mourard	The VEGA team	Multiple VEGA proposals	1-Aug 14, 15 (2nd), 16-21, 22 (2nd)
V72	Klement	Meilland, Millour, Mourard, Saldanha, Soulhain	Imaging the disk of the classical Be star Beta CMi across H-alpha	2-Oct 3 (2nd), Oct 4-9, 10 (2nd), 11,
V70	Klement	Rivinius, Carciofi	3D Structure of the winds of BA Supergiants	3-Dec 5 (2nd), 6-11
V27	Mourard	Harmanec, Stencel	High spectral and spatial resolution follow-up of eps Aurigae eclipse	
V65	Mourard	Harmanec, Mayer, Broz, Wolf, Zasche, Bozic, Slechta	Imaging of detatched binary systems for accurate determination of basic properties of important hierarchical systems	
V52	Nardetto	Mourard, Hocde, Kervella, Merand, Gallenne, Trahin, Borginet, Gieren, Storm, Pietrzynski, Graczyk, Pilecki, Anderson, Matthias, Neilson, Fouque, Poretti, Ranier, Ligi, Huber, Ireland, White	The environment of Cephieds in the visible domain	
V38	Salsi	Nardetto, Mourard, Domiciano, Creevy, Graczyk, Pietrzynski	Calibration of the surface brightness relation of OBA early type stars: Toward a very accurate distance determination of M31 and M33 eclipsing binaries	
V67	White	Huber, Creevy, Boyajian, Ireland, Tuthill, Bedding, Li, Stello, Silva Aguirre, Nardetto, Mourard	Angular diameters of Oscillating Solar-Type Stars observed by TESS	
VNOAO	Shultz		Spatially Resolving the Centrifugal Magnetospheres of Magnetic Hot Stars	

Telescope downtime
W2 - Sept 12- 25 (Recoating)

CHARA Array 2019B Observing Schedule

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
August					1 M17/ENG ALL C2 S1W1E1	2 C2 S1W1E1 C2 S1W1E1	3 C2 S1W1E1 C2 S1W1E1
	4 C2 S1W1E1 C2 S1W1E1	5 C2 S1W1E1 M4 ALL	6 M4 ALL M4 ALL	7 M4 ALL M4 ALL	8 M17/ENG ALL M9 ALL	9 M9 ALL M9 ALL	10 M9 ALL M9 ALL
	11 M12 ALL M9 ALL	12 M2 ALL M2	13 M2 ALL M2 ALL	14 V1 ALL V1 ALL	15 M17/ENG ALL V1 ALL	16 V1 ALL V1 ALL	17 V1 ALL V1 ALL
	18 V1 ALL V1 ALL	19 V1 ALL V1 ALL	20 V1 ALL V1 ALL	21 V1 ALL V1 ALL	22 M17/ENG ALL V1 ALL	23 P7 ALL P7 ALL	24 P7 ALL P7 ALL
	25 P7 ALL P7 ALL	26 M7 ALL M7 ALL	27 M21/NOAO5 ALL M21/NOAO5 ALL	28 M7 ALL M7 ALL	29 M17/ENG ALL M20/NOAO4 ALL	30 M21/NOAO5 ALL M21/NOAO5 ALL	31 M12 ALL M20/NOAO4 ALL
September	1 M19/NOAO3 ALL M19/NOAO3 ALL	2 M21/NOAO5 ALL M21/NOAO5 ALL	3 CL4/NOAO1 ALL CL4/NOAO1 ALL	4 CL4/NOAO1 ALL CL4/NOAO1 ALL	5 M17/ENG ALL M4 ALL	6 M21/NOAO5 ALL M21/NOAO5 ALL	7 M4 ALL M4 ALL
	8 M21/NOAO5 ALL M21/NOAO5 ALL	9 M4 ALL M15/ENG ALL	10 M15/ENG ALL M15/ENG ALL	11 M21/NOAO5 ALL M21/NOAO5 ALL	12 M17/ENG ALL M15/ENG ALL	13 M15/ENG ALL M15/ENG ALL	14 M15/ENG ALL M15/ENG ALL
	15 CL2 S1W1E1 CL2 S1W1E1	16 CL2 S1W1E1 CL2 S1W1E1	17 CL2 S1W1E1 CL2 S1W1E1	18 P1 E1E2W1W2 P1 E1E2W1W2	19 M17/ENG ALL P1 E1E2W1W2	20 P1 E1E2W1W2 P3 S1W1E1	21 P3 S1W1E1 P3 S1W1E1
	22 P3 S1W1E1 P3 S1W1E1	23 P3 S1W1E1 M15/ENG ALL	24 M15/ENG ALL M15/ENG ALL	25 M15/ENG ALL M15/ENG ALL	26 M17/ENG ALL M15/ENG ALL	27 M15/ENG ALL M15/ENG ALL	28 M6 ALL M6 ALL
	29 M6 ALL M6 ALL	30 M6 ALL M6 ALL	1 M6 ALL M6 ALL	2 M6 ALL M6 ALL	3 M17/ENG ALL V2 ALL	4 V2 ALL V2 ALL	5 V2 ALL V2 ALL
October	6 V2 ALL V2 ALL	7 V2 ALL V2 ALL	8 V2 ALL V2 ALL	9 V2 ALL V2 ALL	10 M17/ENG ALL V2 ALL	11 V2 ALL V2 ALL	12 M4 ALL M4 ALL
	13 M4 ALL M4 ALL	14 M21/NOAO5 ALL M20/NOAO4 ALL	15 M20/NOAO4 ALL M20/NOAO4 ALL	16 M20/NOAO4 ALL M20/NOAO4 ALL	17 M17/ENG ALL M20/NOAO4 ALL	18 M21/NOAO5 ALL M2 ALL	19 M2 ALL M2 ALL
	20 M21/NOAO5 ALL M2 ALL	21 ALOHA S1S2 M6 ALL	22 ALOHA S1S2 M6 ALL	23 M21/NOAO5 ALL M6 ALL	24 M17/ENG ALL M6 ALL	25 M6 ALL M6 ALL	26 M21/NOAO5 ALL M6 ALL
	27 M6 ALL M6 ALL	28 M6 ALL C1 ALL	29 M21/NOAO5 ALL C1 ALL	30 C1 ALL C1 ALL	31 **C1** ALL C1 ALL	1 C1 ALL C1 ALL	2 C1 ALL C1 ALL
November	3 M8 ALL M8 ALL	4 M16/ENG ALL M16/ENG ALL	5 M16/ENG ALL M16/ENG ALL	6 M8 ALL M8 ALL	7 M17/ENG ALL M12 ALL	8 M13 ALL M13 ALL	9 M13 ALL M13 ALL
	10 M4 ALL M4 ALL	11 M4 ALL M23/NOAO8 ALL	12 M4 ALL M1 ALL	13 M1 ALL M23/NOAO8 ALL	14 M17/ENG ALL M1 ALL	15 M1 ALL M23/NOAO8 ALL	16 M1 ALL M9 ALL
	17 M1 ALL M23/NOAO8 ALL	18 M1 ALL M9 ALL	19 M1 ALL M23/NOAO8 ALL	20 C3/P9/N6 ALL C3/P9/N6 ALL	21 M17/ENG ALL M23/NOAO8 ALL	22 C3/P9/N6 ALL C3/P9/N6 ALL	23 C3/P9/N6 ALL M23/N0A08 ALL
	24 C3/P9/N6 ALL C3/P9/N6 ALL	25 C3/P9/N6 ALL M23/NOAO8 ALL	26 M7 ALL M7 ALL	27 M7 ALL M23/NOAO8 ALL	28	29 M7 ALL M23/NOAO8 ALL	30 M7 ALL M7 ALL
December	1 M22/NOAO7 ALL M22/NOAO7 ALL	2 M22/NOAO7 ALL M22/NOAO7 ALL	3 P10/NOAO7 ALL P10/NOAO7 ALL	4 P10/NOAO7 ALL P10/NOAO7 ALL	5 M17/ENG ALL V3 ALL	6 V3 ALL V3 ALL	7 V3 ALL V3 ALL
	8 V3 ALL V3 ALL	9 V3 ALL V3 ALL	10 V3 ALL V3 ALL	11 V3 ALL V3 ALL	12 M17/ENG ALL M12 ALL	13 P1 E1E2W1W2 P1 E1E2W1W2	14 P1 E1E2W1W2 P1 E1E2W1W2
	15 P4 E1E2W1W2 P4 E1E2W1W2	16 P4 E1E2W1W2 P4 E1E2W1W2	17 M4 ALL M4 ALL	18 M4 ALL M4 ALL	19 M17/ENG ALL CL2 S1W1E1	20 CL2 S1W1E1 CL2 S1W1E1	21 CL2 S1W1E1 CL2 S1W1E1
	22 CL2 S1W1E1 CL2 S1W1E1	23	24	25	26	27	28
	29	30	31	1			W2 Recoating