CHARA Array 2019A Observing Proposal Summary

Program Number	PI	Co-I's	Title	Dates Assigned
CHARA Classic Programs				
C1	Anderson	Baron, Kishimoto	On-sky Adaptive Optics Testing on NGC 4151	Mar 16-22
C2/NOAO2	Kishimoto	Antonucci, Hoenig, Millour, Tristram, Weigelt	AGN torus: dissecting the dusty wind launching region	Feb 27-Mar3 (1/2)
C3/NOAO7	Burgasser	Quintana, Barclay, Villadsen, Huber, Boyajian, vonBraun, Howell, Colon, Barentsen, Faherty, Rushby	Sizing up the Coolest Stars: CHARA Observations of Wolf 359	Apr 19-23 (1/2)
C4/NOAO9	Siverd	Stassum, Stevens, Lund	Mass and radius determination of a bright eclipsing giant system with CHARA	July 5
CLIMB Programs				
CL1	Farrington	ten Brummelaar, Williams, Schaefer, Fekel	The SB2 and Visual Binary Project with CLIMB: Part 1 – Finalizing the CLIMB SFP Orbits	Apr 19-23 (1/2), May 12-14
CL2	Lester	Farrington, Gies, Schaefer	Visual Orbits of A- and F-type Stars in Spectroscopic Binaries	Feb 27-Mar 3 (1/2), Mar 4, Mar 29-31, Apr 24-30
CL3/P3	White	Huber, Baron, Lincoln, Martinez, Ireland, Tuthill, Bedding, Aufdenberg, Baines, Collet, Neilson, Trampedach	Measuring limb-darkening at visible wavelengths with PAVO	July 1-2
CL4/NOAO5	Richardson	Moffat, Williams, Shenar, St. Louis	Weighing Evolved Massive Stars in Binary systems with Interferometry	July 3-4
CL5/M18/NOAO10	Chomiuk	Richardson, Kawash	Imaging the Evolution and Expansion of Nova Ejecta	TOO
JOUFLU Programs				
J1	Scott	ten Brummelaar, Coude du Foresto	Engineering and Upgrades to JouFLU	Apr 16-18
MIRC Programs				
M1	Anugu	Kraus, Kluska, Davies, Labdon, Monnier, Le Bouquin	Imaging the circumbinary and circumstellar disks around post-AGB binaries	Mar 12-15
M2	Gardner	Monnier	MIRC-X imaging astrometry of substellar companions in close binary systems	Feb 16-18, Mar 26-28, Apr 9-11, May 9-11, May 31-June 2, July 29-30, July 28, 31 (1/2)
M3	Gies	Mazeh, Sahar, Schaefer	Binaries with companions that are too faint	July 26-27 (1/2)
M4	Kraus	Monnier, LeBouquin, Davies, Setterholm, Labdon, Anugu, ten Brummelaar	MIRC-X Large Program on imaging time-variable structures in protoplanetary disks	June 17-21, June 22-25 (1/2), July 15,17-18, 21, July 16,19,22-23 (1/2)
M5	Kraus	Monnier, Davies, Anugu, Kreplin, Labdon, Zarilli	Resolving stellar orbits and disk alignments in pre-main-sequence binary systems	May 8, June 3-4, July 23, 25 (1/2), July 24
M6	Martinez	Baron, Monnier	Imaging rapid rotators with CHARA/MIRC-X	Apr 1-5, May 15-18, May 19-21 (1/2)
M7	Norris	Baron, Kravchenko, Martinez, Tessore, Chivassa, Lebre, Lopez-Ariste, Monnier, Montarges, Paladini, Van Eck	The evolution of the surface of red supergiants: the contribution to a multiple technique campaign	May 19-21 (1/2), June 9-10 (1/2)
M8	Schaefer	Farrington, Gies	Masses of Massive O-Star Binaries	Feb 15, 26, July 6, 20
M9	Klement	Carciofi, Gies, Schaefer, Monnier, Rivinius	The Missing link to understand the star-disk connection in Be Stars: Imaging the initial phases of new disk formation.	TOO
M10	Labdon	ten Brummelaar, Kraus, LeBoquin, Monnier, Ireland, Mourard, Coude du Foresto	New Generation Baseline Model for CHARA	Apr 6-7
M11	Monnier	Le Bouquin, Kraus, ten Brummelaar, Anugu, Setterholm, Gardner, Labdon, Lanthermann	Commissioning of the Michigan Young STar Imager for CHARA (MYSTIC)	June 5-8, June 9-10(1/2)
M12	Klement	Monnier, Rivinius	H-Band imaging of the hot supergiant Deneb - the link to large-scale inhomogenities in the stellar wind	July 7-8
M13	LeBouquin	Anderson, Farrington, ten Brummelaar, J Sturmann, L Sturmann, Ireland, Kraus, Mourard, Coude du Foresto	Adaptive Optics for CHARA	Feb 1-14
M14/NOAO1	Evans	Gallenne, Kervella, Merand, Bond	The Dynamical Mass of Polaris, the Nearest Cepheid: The Periastron Campaign	Apr 8
M15/NOAO3	Gallenne	Kervella, Merand, Evans, Proffitt	Multiplicity of Galactic Cepheids from long-baseline interferometry	June 26-27 (1/2), June 28-30
M16/NOAO4	Lanthermann	Sana, LeBouquin, Gosset, Rainot, Tramper, Mahy, DeBecker, Absil	Northern Massive Stars at High Angular Resolution	June 22-27 (1/2)
M17/NOAO6	Roettenbacher	Korhonen, Henry	Interferometrically Detecting and Measuring Differential Rotation on the Spotted Giant ┼ Andromedae	July 16,19,22,25,28,31 (1/2)
M18/CL5/NOAO10	Chomiuk	Richardson, Kawash	Imaging the Evolution and Expansion of Nova Ejecta	TOO
M19/V2	Chivassa	Schultheis, Creevy, Mourard, Nardetto, Schaefer	Visible and IR diameters of AGB stars in the GAIA era	July 26-27 (1/2)
PAVO Programs				
P1	Gordon	Gies, Schaefer	Angular Sizes of Supergiant B-Stars	July 1-2
P2/V2	Huber	White, Creevy, Boyajian, Ireland, Bedding, Li, Stello, Aguirre, Nardetto, Mourard	Angular Diameters or Oscillating Solar-Type Stars observed by TESS	Apr 15-18
P3/CL3	White	Huber, Baron, Lincoln, Martinez, Ireland, Tuthill, Bedding, Aufdenberg, Baines, Collet, Neilson, Trampedach	Measuring limb-darkening at visible wavelengths with PAVO	May 26-28
P4/V5	Nardetto	Mourard, Hocde, Kervella, MErand, Gallenne, Trahin, Borginet, Gieren, Storm, Pietrzynski, Graczyk, Pileki, Anderson, Mathias, Neilson, Fouque, Poretti, Ranier, Ligi, Huber, Ireland, White	The environment of Cephieds in the visibile Domain	Mar 25, May 29-30
P5	Egeland	Martens, Jones, White, Baron, Monnier, Roettenbacher	Radii of Solar Analogues	Mar 22-24, May 22-25
P6/NOAO8	Boyajian	vonBraun, Parks, Ellis	Diameters and Temperatures of Main-Sequence FG Stars	Apr 12-14
VEGA Programs				
V1,V2,V3,V4,V5	Mourard	The VEGA team	Multiple VEGA proposals	Feb 19-25, Mar 5-11, May 1-7, June 11-16, July 9-14
				Telescope downtime W2-April 19-30, W1 Jan 7-Feb 14

CHARA Array 2019A Observing Schedule

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
February						1 M13 ALL	2 M13 ALL
	3 M13 ALL	4 M13 ALL	5 M13 ALL	6 M13 ALL	7 M13 ALL	8 M13 ALL	9 M13 ALL
	10 M13 ALL	11 M13 ALL	12 M13 ALL	13 M13 ALL	14 M13 ALL	15 M8 ALL	16 M2 ALL
	17 M2 ALL	18 M2 ALL	19 V1 ALL	20 V1 ALL	21 V1 ALL	22 V1 ALL	23 V1 ALL
	24 V1 ALL	25 V1 ALL	26 M8 ALL	27 CL2 S1W1E1 C2/NOAO2 ALL	28 CL2 S1W1E1 C2/NOAO2 ALL	1 CL2 S1W1E1 C2/NOAO2 ALL	2 CL2 S1W1E1 C2/NOAO2 ALL
March	3 CL2 S1W1E1 C2/NOAO2 ALL	4 CL2 S1W1E1	5 V2 ALL	6 V2 ALL	7 V2 ALL	8 V2 ALL	9 V2 ALL
	10 V2 ALL	11 V2 ALL	12 M1 ALL	13 M1 ALL	14 M1 ALL	15 M1 ALL	16 C1 ALL
	17 C1 ALL	18 C1 ALL	19 C1 ALL	20 C1 ALL	21 C1 ALL	22 C1 S1S2 P5 E1E2W1W2	23 P5 E1E2W1W2
	24 P5 E1E2W1W2	25 P4 S1S2E1E2	26 M2 ALL	27 M2 ALL	28 M2 ALL	29 CL2 S1W1E1	30 CL2 S1W1E1
	31 CL2 S1W1E1	1 M6 ALL	2 M6 ALL	3 M6 ALL	4 M6 ALL	5 M6 ALL	6 M10 ALL
April	7 M10 ALL	8 M14/NOAO1 ALL	9 M2 ALL	10 M2 ALL	11 M2 ALL	12 P6/NOAO8 ALL	13 P6/NOAO8 ALL
	14 P6/NOAO8 ALL	15 P2 E1W1W2	16 P2 E1W1W2 J1 S1S2	17 P2 E1W1W2 J1 S1S2	18 P2 E1W1W2 J1 S1S2	19 C3/NOAO7 S1W1E1 CL1 S1W1E1	20 C3/NOAO7 S1W1E1 CL1 S1W1E1
	21 C3/NOAO7 S1W1E1 CL1 S1W1E1	22 C3/NOAO7 S1W1E1 CL1 S1W1E1	23 C3/NOAO7 S1W1E1 CL1 S1W1E1	24 CL2 S1W1E1	25 CL2 S1W1E1	26 CL2 S1W1E1	27 CL2 S1W1E1
	28 CL2 S1W1E1	29 CL2 S1W1E1	30 CL2 S1W1E1	1 V3 ALL	2 V3 ALL	3 V3 ALL	4 V3 ALL
May	5 V3 ALL	6 V3 ALL	7 V3 ALL	8 M5 ALL	9 M2 ALL	10 M2 ALL	11 M2 ALL
	12 CL1	13 CL1	14 CL1	15 M6 ALL	16 M6 ALL	17 M6 ALL	18 M6 ALL
	19 M6 ALL M7 ALL	20 M6 ALL M7 ALL	21 M6 ALL M7 ALL	22 P5 E1E2W1W2	23 P5 E1E2W1W2	24 P5 E1E2W1W2	25 P5 E1E2W1W2
	26 P3 E1E2W1W2	27 P3 E1E2W1W2	28 P3 E1E2W1W2	29 P4 S1S2E1E2	30 P4 S1S2E1E2	31 M2 ALL	1 M2 ALL
June	2 M2 ALL	3 M5 ALL	4 M5 ALL	5 M11 ALL	6 M11 ALL	7 M11 ALL	8 M11 ALL
	9 M11 ALL M7 ALL	10 M11 ALL M7 ALL	11 V4 ALL	12 V4 ALL	13 V4 ALL	14 V4 ALL	15 V4 ALL
	16 V4 ALL	17 M4 ALL	18 M4 ALL	19 M4 ALL	20 M4 ALL	21 M4 ALL	22 M4 ALL M16/NOAO4 ALL
	23 M4 ALL M16/NOAO4 ALL	24 M4 ALL M16/NOAO4 ALL	25 M4 ALL M16/NOAO4 ALL	26 M15/NOAO3 ALL M16/NOAO4 ALL	27 M15/NOAO3 ALL M16/NOAO4 ALL	28 M15/NOAO3 ALL	29 M15/NOAO3 ALL
	30 M15/NOAO3 ALL	1 CL3 S2W2E2 P1 S1W1E1	2 CL3 S2W2E2 P1 S1W1E1	3 CL4/NOAO5 S1E2W1	4 CL4/NOAO5 S1E2W1	5 C4/NOAO9 S1W1E1	6 M8 ALL
July	7 M12 ALL	8 M12 ALL	9 V5 ALL	10 V5 ALL	11 V5 ALL	12 V5 ALL	13 V5 ALL
	14 V5 ALL	15 M4 ALL	16 M4 ALL M17/NOAO6 ALL	17 M4 ALL	18 M4 ALL	19 M4 ALL M17/NOAO6 ALL	20 M8 ALL
	21 M4 ALL	22 M4 ALL M17/NOAO6 ALL	23 M4 ALL M5 ALL	24 M5 ALL	25 M5 ALL M17/NOAO6 ALL	26 M3 ALL M19 ALL	27 M3 ALL M19 ALL
	28 M2 ALL M17/NOAO6 ALL	29 M2 ALL	30 M2 ALL	31 M2 ALL M17/NOAO6 ALL			AO Engineering W2 Recoating W1 Recoating