

Tuesday, March 12, 2024

MST Tucson	Length (min)	Speaker	Attendance	Talk	UTC	PDT (Los Angeles)	EDT (Atlanta)	GMT (London)	CET (Paris)	AEDT Sydney (+1 day)
8:00				<i>Registration</i>						
				Chair: Jeremy Jones, Session Theme: Introduction						
9:00	10	Pat McCarthy	In person	Welcome and Introduction	16:00	9:00	12:00	16:00	17:00	3:00
9:10	30	Douglas Gies	In person	CHARA Year in Review	16:10	9:10	12:10	16:10	17:10	3:10
9:40	20	Gail Schaefer	In person	Open Access, Engineering, and Future Plans	16:40	9:40	12:40	16:40	17:40	3:40
10:00	20	Rob Ligon	In person	Progress on getting fringes through long transport fibers	17:00	10:00	13:00	17:00	18:00	4:00
10:20	30			<i>Coffee Break</i>	17:20	10:20	13:20	17:20	18:20	4:20
				Chair: Rainer Koehler, Session Themes: Binary Stars, Disks, Imaging						
10:50	20	Tyler Gardner	Remote	The ARMADA survey at CHARA and VLTI: Detecting companions in intermediate mass binaries with micro-arcsecond astrometry	17:50	10:50	13:50	17:50	18:50	4:50
11:10	20	Linling Shuai	Remote	CHARA Polarization Model and MIRCX-POL Data Application	18:10	11:10	14:10	18:10	19:10	5:10
11:30	20	Noura Ibrahim	In person	Imaging YSOs with the CHARA Array	18:30	11:30	14:30	18:30	19:30	5:30
11:50	20	Katherine Shepard	In person	W Serpentis Stars: An Interferometric and Spectroscopic Study of Massive, Interacting Binary Systems	18:50	11:50	14:50	18:50	19:50	5:50
12:10	20	Narsireddy Anugu	In person	The CHARA Array Imaging of Evolved Stars	19:10	12:10	15:10	19:10	20:10	6:10
12:30	60			<i>Lunch</i>	19:30	12:30	15:30	19:30	20:30	6:30
				Chair: Nils Turner, Session Theme: Open Access Science						
13:30	20	Nancy Evans	Remote	The Orbit and Mass of Polaris: Observations with the CHARA Array	20:30	13:30	16:30	20:30	21:30	7:30
13:50	20	Noel Richardson	In person	Visual orbits of WR stars	20:50	13:50	16:50	20:50	21:50	7:50
14:10	20	Ashley Elliott	Remote	Measuring the Stellar and Planetary Parameters of the 51 Eridani System	21:10	14:10	17:10	21:10	22:10	8:10
14:30	20	Shashank Dholakia	Remote	Analytic Interferometry of Stellar Surfaces with Spherical Harmonics	21:30	14:30	17:30	21:30	22:30	8:30
14:50	30			<i>Break</i>	21:50	14:50	17:50	21:50	22:50	8:50
				Chair: Karolina Kubiak, Session Theme: Instruments						
15:20	20	Cyprien Lanthermann	In person	Update on Silmaril	22:20	15:20	18:20	22:20	23:20	9:20
15:40	20	John Monnier	In person	Michigan Group Updates: Whats happening with MIRC-X, MYSTIC, and the Pipeline(s)	22:40	15:40	18:40	22:40	23:40	9:40
16:00	20	Denis Mourard	In person	Update on SPICA and ISSP (Interferometric Survey of Stellar Parameters)	23:00	16:00	19:00	23:00	0:00	10:00
16:20	20	Peter Tuthill	In person	Emerging frontiers: interferometry with JWST, TOLIMAN and Asgard.	23:20	16:20	19:20	23:20	0:20	10:20
16:40	20	Brian Kloppenborg	In person	An update on the CHARA-AAVSO Collaboration	23:40	16:40	19:40	23:40	0:40	10:40
17:00				<i>End of Day</i>	0:00	17:00	20:00	0:00	1:00	11:00
18:30				Reception at NOIRLab Patio						

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8:30				<i>Registration</i>							
				Chair: Katherine Shepard, Session Theme: Facilities							
9:00	20	Michelle Creech-Eakman	In person	Update on the status and progress to first fringes with MROI	16:00	9:00	12:00	16:00	17:00	3:00	
9:20	20	Antoine Merand	Remote	VLTi Overview and Observing Statistics	16:20	9:20	12:20	16:20	17:20	3:20	
9:40	20	Owain Snaith	Remote	The ASGARD-BIFROST software framework – an evolution of the CHARA-MIRCx/MYSTIC software.	16:40	9:40	12:40	16:40	17:40	3:40	
10:00	20	Gerard van Belle	In person	Interferometry on the Fringe: Cutting Edge Developments at Lowell	17:00	10:00	13:00	17:00	18:00	4:00	
10:20	30			<i>Coffee Break</i>	17:20	10:20	13:20	17:20	18:20	4:20	
				Chair: Gail Schaefer, Session Themes: JMMC, Stellar Parameters, Poster Pops							
10:50	20	Laurent Bourguès	In person	JMMC service updates & roadmap 2024	17:50	10:50	13:50	17:50	18:50	4:50	
11:10	20	Gaspard Duchene	In person	Optical interferometry DataBase (OiDB): Status and development perspectives	18:10	11:10	14:10	18:10	19:10	5:10	
11:30	20	Nayeem Ebrahimkuttu	Remote	Optimized use of interferometry, spectroscopy and stellar atmosphere models for the determination of fundamental parameters of stars	18:30	11:30	14:30	18:30	19:30	5:30	
11:50	20	Mathieu Vrad	Remote	Observation of asteroseismic red giant stars with SPICA, MIRCx and MYSTIC.	18:50	11:50	14:50	18:50	19:50	5:50	
12:10	20			Poster Pops + Online Photo for Remote Participants	19:10	12:10	15:10	19:10	20:10	6:10	
12:30	60			<i>Lunch</i>	19:30	12:30	15:30	19:30	20:30	6:30	
				Chair: Noura Ibrahim, Session Themes: Stellar Parameters, Evolved Stars, CHARA Staff Updates							
13:30	20	Jeremy Jones	In person	The A-Stars of the Hyades	20:30	13:30	16:30	20:30	21:30	7:30	
13:50	20	Miguel Montargès	In person	Cool evolved stars at high angular resolution: results and prospects	20:50	13:50	16:50	20:50	21:50	7:50	
14:10	20	Jon Brashear	Remote	MATISSE Observations and Radiative Transfer Modeling of the Carbon-Rich AGB Star V Oph	21:10	14:10	17:10	21:10	22:10	8:10	
14:30	15	Christopher Farrington	In person	CHARA Operations	21:30	14:30	17:30	21:30	22:30	8:30	
14:45	5			<i>Group Photo</i>	21:45	14:45	17:45	21:45	22:45	8:45	
14:50	30			<i>Break</i>	21:50	14:50	17:50	21:50	22:50	8:50	
				Chair: Juraj Jonák, Session Themes: CHARA Staff Updates							
15:20	15	Nic Scott	In person	Telescope update	22:20	15:20	18:20	22:20	23:20	9:20	
15:35	15	Rainer Koehler	In person	CHARA software for the Mobile Telescope	22:35	15:35	18:35	22:35	23:35	9:35	
15:50	15	Nils Turner	In person	Weather Statistics ... Plus ... The Raspberry Pi and Its Brethren	22:50	15:50	18:50	22:50	23:50	9:50	
16:05	15	Jeremy Jones	In person	Remote Operations at CHARA	23:05	16:05	19:05	23:05	0:05	10:05	
16:20	15	Karolina Kubiak	In person	CHARA AO systems	23:20	16:20	19:20	23:20	0:20	10:20	
16:35	15	Narsireddy Anugu	In person	The CHARA Delay Lines Performance Status	23:35	16:35	19:35	23:35	0:35	10:35	
16:50				<i>End of Day</i>	23:50	16:50	19:50	23:50	0:50	10:50	

Thursday, March 14, 2024

MST Tucson	Length (min)	Speaker	Attendance	Talk	UTC	PDT (Los Angeles)	EDT (Atlanta)	GMT (London)	CET (Paris)	AEDT Sydney (+1 day)
8:30				<i>Registration</i>						
Chair: Chris Farrington, Session Themes: Binary Stars, Future Directions										
9:00	20	Robert Klement	In person	New detections and orbits of stripped subdwarf companions orbiting classical Be stars	16:00	9:00	12:00	16:00	17:00	3:00
9:20	20	Juraj Jonák	In person	The binary program of the CHARA/SPICA ISSP survey	16:20	9:20	12:20	16:20	17:20	3:20
9:40	20	Rachel Matson	In person	The USNO Double Star Program	16:40	9:40	12:40	16:40	17:40	3:40
10:00	20	Steve Ridgway	In person	CHARA and the National Observatory - From the Beginning	17:00	10:00	13:00	17:00	18:00	4:00
10:20	30			<i>Coffee Break</i>	17:20	10:20	13:20	17:20	18:20	4:20
Chair: Nic Scott, Session Theme: Community Discussion										
10:50	70	Douglas Gies and Gail Schaefer		Discussion - future directions, funding opportunities, technical concerns, user support	17:50	10:50	13:50	17:50	18:50	4:50
12:00				<i>End of Day</i>	19:00	12:00	15:00	19:00	20:00	6:00

POSTERS

Presenter	Attendance	Poster Title
David Díaz	In person	Tabletop Demonstration of Quantum-enhanced Interferometric Telescopes
David T. Frothingham	In person	MIRCx and MYSTIC Observations of High Mass Loss Red Supergiants
Russell Genet	In person	Student Speckle Interferometry of Binaries
Muhammad Zain Mobeen	Remote	RADM3D Models for V838 Mon in the HK bands.
Ryan Norris	In person	Interferometric Imaging of CH Cyg
Mark Prusten	In person	TBD