

CHARA Science Meeting Year 13 – Pasadena

Adaptive Optics and Open Access

Monday, March 13, 2017

<i>Session Chair</i>	<i>Topic</i>	<i>Speaker</i>	<i>Length</i>	<i>Start Time</i>
	<i>Process Badges Etc</i>	All	30	8:30 AM
Michelle Creech-Eakman	Welcome and an Update on CHARA	Douglas Gies	20	9:00 AM
	Welcome from Mount Wilson Institute	Tom Meneghini	10	9:20 AM
	Welcome to Carnegie	John Mulchaey	10	9:30 AM
	Update on the Adaptive Optics Program and the MSIP program	Theo ten Brummelaar	20	9:40 AM
	NOAO-CHARA lessons learned	Stephen Ridgway	10	10:00 AM
	Control Room Upgrades and Scheduling	Christopher Farrington	20	10:10 AM
	<i>Coffee Break</i>		30	10:30 AM
Nic Scott	ALOHA at CHARA – L-band Prospects	François Reynaud	20	11:00 AM
	Seeing and Weather Statistics	Nils Turner	20	11:20 AM
	Observing report and seeing statistics	Norm Vargas	20	11:40 AM
	Automated Telescope and Lab. Laser Beam Alignment	Laszlo Sturmann	20	12:00 PM
	<i>Lunch</i>		60	12:20 PM
Ellyn Baines	Challenges of Operating two Complementary AO Systems	Judit Sturmann	20	1:20 PM
	Initial Findings from Adaptive Optics Subsystems	Matt Anderson	20	1:40 PM
	MIRCx and MYSTIC: instrumentation work update	Narsireddy Anugu	20	2:00 PM
	VEGA recent results and ongoing programs	Anthony Meilland	20	2:20 PM
	SPICA: a new visible combiner for CHARA	Denis Mourard	20	2:40 PM
	<i>Coffee Break</i>		30	3:00 PM
Paul Nunez	PAVO Science Update	Daniel Huber	20	3:30 PM
	Recent progress on FRIEND project	Marc-Antoine Martinod	20	3:50 PM
	GMT Update	Antonin Bouchez	20	4:10 PM
	TMT Update	Christophe Dumas	20	4:30 PM
	<i>End of Day</i>			4:50 PM

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Tuesday, March 14, 2017

Session Chair	Topic	Speaker	Length	Start Time
Matt Anderson	Current Status of NPOI	Ellyn Baines	15	9:00 AM
	Status of NPOI Upgrades	Gerard van Belle	15	9:15 AM
	Progress Update on MROI	Michelle Creech-Eakman	20	9:30 AM
	An Update on the VLTI	Christian Hummel	20	9:50 AM
	JMMC: Service Status & Perspectives	Laurent Bourges	10	10:10 AM
	<i>Coffee Break</i>		30	10:20 AM
Russel White	Fantastic Codes and Where to Find Them	Fabien Baron	20	10:50 AM
	Updates on Characterization of Stars -- With and Without Planets	Kaspar von Braun	20	11:10 AM
	Latest results from the CHARA/JouFLU hot disks survey	Paul Nunez	20	11:30 AM
	Monitoring of Exozodi Targets	Nic Scott	20	11:50 AM
	<i>Lunch</i>		60	12:10 PM
Narsireddy Anugu	The Ages of Adolescent Age Stars: From Pre- to Post-Main Sequence	Russel White	20	1:10 PM
	Fundamental Properties of O and B Stars	Katie Gordon	20	1:30 PM
	High-precision orbit and stellar parameters for the spotted star UX Ari from MIRC observations	Christian Hummel	20	1:50 PM
	Mapping the Orbit of Iota Orionis	Gail Schaefer	20	2:10 PM
	Surface and Circumstellar Structures in Early-Type Interacting Binaries	Geraldine Peters	20	2:30 PM
	Confronting Models of Colliding-Winds Binaries with Visual Orbits from Long-Baseline Interferometry	Noel Richardson	20	2:50 PM
	Meeting Summary and Closing Remarks	Douglas Gies	5	3:10 PM
	<i>Group photo outside</i>	ALL	5	3:15 PM
<i>End of Day</i>				3:20 PM
	Conference Reception Tuesday Evening			6:00 PM

CHARA Community Workshop – Pasadena

**Open Access Time through NOAO
Wednesday, March 15, 2017**

Session Chair	Topic	Speaker	Length	Start Time
	<i>Process Badges Etc</i>	All	30	8:30 AM
Daniel Huber	Welcome and Opening Remarks for the Workshop	Douglas Gies	10	9:00 AM
	Principles of Interferometry and Overview of the CHARA Array	Theo ten Brummelaar	40	9:10 AM
	Review of Science with Interferometry	Gail Schaefer	30	9:50 AM
	Observing Strategies	Chris Farrington	20	10:20 AM
	<i>Coffee Break</i>		30	10:40 AM
Denis Mourard	Applying for Time at the CHARA Array	Steve Ridgway	20	11:10 AM
	Applying for time at the Very Large Telescope Interferometer (VLTI)	Christian Hummel	20	11:30 AM
	JMMC Observation Preparation Tools (Aspro2 / SearchCal)	Laurent Bourges	20	11:50 AM
	Imaging and Modeling Software – OIFITS Data Format	Fabien Baron	20	12:10 PM
	<i>Lunch</i>		60	12:30 PM
Noel Richardson	<i>Science Topic: Stellar Diameters</i>	Kaspar von Braun	15	1:30 PM
	<i>Science Topic: Ages of Stars</i>	Jeremy Jones	15	1:45 PM
	<i>Science Topic: Imaging Stellar Surfaces</i>	Fabien Baron	15	2:00 PM
	<i>Overview: Navy Precision Optical Interferometer</i>	Gerard van Belle	15	2:15 PM
	<i>Overview: Magdalena Ridge Observatory Interferometer</i>	Michelle Creech-Eakman	15	2:30 PM
	<i>Coffee Break and Open Discussion</i>			
	Open time to talk with CHARA staff members about ideas for CHARA observing programs	All	75	2:45 PM
	<i>End of Day</i>			4:00 PM

Tour of CHARA Facilities at Mount Wilson Observatory

Thursday, March 16, 2017

<i>Time</i>	<i>Scheduled Events</i>
9:00 AM	Departure from Fuller Guest Center for carpools
10:00 AM	Arrival at Mount Wilson Observatory Small group tours of the CHARA Facilities: Control room, S2 Telescope, OPLE/Beam Combination Lab
12:00 PM	Lunch in the CHARA display hall
1:00 PM	Visit to the 100-inch, solar tower, MWO Museum
2:00 PM	Departure for Pasadena
3:00 PM	Return to Pasadena