

Thursday, March 16, 2023

EDT Atlanta	PDT Los Angeles	GMT London	CET Paris	Topic	Length (min)	Presenters	Hands-on Exercises
08:30				<i>Continental Breakfast and Registration</i>			
Chair: Nils Turner							
09:00	06:00	13:00	14:00	Welcome!	5	Douglas Gies	
09:05	06:05	13:05	14:05	Introduction to Interferometry and the CHARA Array	45	John Monnier	
09:50	06:50	13:50	14:50	CHARA Archive and Data Reduction Machine	30	Jeremy Jones	VNC Demonstration: location of data and software tools
10:20	07:20	14:20	15:20	<i>Coffee Break</i>	30		
Chair: Gerard van Belle							
10:50	07:50	14:50	15:50	Observation Planning Software	30	Laurent Bourgès	ASPRO2 and SearchCal
11:20	08:20	15:20	16:20	Planning Observations at CHARA	10	Gail Schaefer	
11:30	08:30	15:30	16:30	Data Reduction Overview: mircx/mystic pipeline, OIFITS data format	30	Narsi Anugu	
12:00	09:00	16:00	17:00	Data Visualization with OIFitsExplorer	30	Laurent Bourgès and Isabelle Tallon-Bosc	Open OIFITS files for different sources. Plots of visibilities, closure phases, uv coverage
12:30	09:30	16:30	17:30	<i>Lunch Break</i>	90		
Chair: Rachael Roettenbacher							
14:00	11:00	18:00	19:00	Model Fitting with PMOIRE	90	Antoine Mérand (remote) and Narsi Anugu (local support)	Model stellar diameters and circumstellar disks
15:30	12:30	19:30	20:30	<i>Coffee Break</i>	30		
Chair: Ryan Norris							
16:00	13:00	20:00	21:00	Model Fitting with OITools.jl	60	Fabien Baron	Model stellar diameters and circumstellar disks
17:00	14:00	21:00	22:00	<i>End of Day</i>			

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08:30				<i>Continental Breakfast</i>			
Chair: Doug Gies							
09:00	06:00	13:00	14:00	Model Fitting with LitPro	45	Laurent Bourgès and Isabelle Tallon-Bosc	Model stellar diameters and circumstellar disks
09:45	06:45	13:45	14:45	Binary Fitting with CANDID and IDL grid search	45	Alexandre Gallenne (remote) and Cyprien Lanthermann (local support)	Fit binary stars
10:30	07:30	14:30	15:30	<i>Group Photo</i>	10		
10:40	07:40	14:40	15:40	<i>Coffee Break</i>	20		
Chair: Gail Schaefer							
1:00	08:00	15:00	16:00	Introduction to Imaging Stellar Surfaces	30	Rachael Roettenbacher and Ryan Norris	
11:30	08:30	15:30	16:30	Imaging with OImaging (MIRA, BSM, WISARD, SPARCO)	60	Ferréol Soulez (remote), Isabelle Tallon-Bosc, Laurent Bourges	Image rapid rotators, starspots, convection cells
12:30	09:30	16:30	17:30	<i>Lunch Break</i>	90		
Chair: Isabelle Tallon-Bosc							
14:00	11:00	18:00	19:00	Imaging with OITool.jl and SQUEEZE	60	Fabien Baron	Image rapid rotators, starspots, convection cells
15:00	12:00	19:00	20:00	<i>Coffee Break</i>	30		
15:30	12:30	19:30	20:30	<i>Optional tour of the Optical Lab for the Remote Sensing for Space Sciences Group</i>		Fabien Baron and Stuart Jeffries	
15:30	12:30	19:30	20:30	Open time to complete exercises and work on data sets	90	All	
17:00	14:00	21:00	22:00	<i>End of Day</i>			