

PROGRAM: 18th Synthesis Imaging Workshop, virtual

MDT <i>24 hr format</i>	MDT <i>12 hr format</i>	UTC <i>24 hr format</i>		
Day 1: Wednesday, May 18				
09:00 - 09:15	9:00 - 9:15 AM	15:00 - 15:15	Welcome	Claire Chandler (NRAO, Deputy AD/NMOPs) Anna Kapinska (SOC/LOC)
09:15 - 10:00	9:15 - 10:00 AM	15:15 - 16:00	Basics of Radio Astronomy <i>[Lecture: 40min, Questions: 5min]</i>	Lisa Young (NMT)
10:00	10:00 AM	16:00	<i>Break (20min)</i>	
10:20 - 11:20	10:20 - 11:20 AM	16:20 - 17:20	Fundamentals of Radio Interferometry I <i>[Questions interleaved]</i>	Rick Perley (NRAO)
11:20	11:20 AM	17:20	<i>Break (5min)</i>	
11:25 - 12:15	11:25 AM - 12:15 PM	17:25 - 18:15	Fundamentals of Radio Interferometry II <i>[Questions interleaved]</i>	Rick Perley (NRAO)
12:15	12:15 PM	18:15	<i>Lunch Break (1.5hr)</i>	
13:45 - 14:45	1:45 - 2:45 PM	19:45 - 20:45	Basic Radio Interferometry - Geometry <i>[Questions interleaved]</i>	Rick Perley (NRAO)
14:45	2:45 PM	20:45	<i>Break (15min)</i>	
15:00 - 16:00	3:00 - 4:00 PM	21:00 - 22:00	Antennas & Receiver Systems <i>[Lecture: 50min, Questions: 10min]</i>	Rob Selina (NRAO)
Day 2: Thursday, May 19				
08:30 - 09:45	8:30 - 9:45 AM	14:30 - 15:45	Cross Correlators <i>[Lecture: 60min, Questions: 15min]</i>	Adam Deller (Swinburne)
09:45	9:45 AM	15:45	<i>Break (30min)</i>	
10:15 - 11:15	10:15 - 11:15 AM	16:15 - 17:15	Calibration <i>[Lecture: 50min, Questions: 10min]</i>	Josh Marvil (NRAO)
11:15	11:15 AM	17:15	<i>Lunch Break (1.5hr)</i>	
12:45 - 13:45	12:45 - 1:45 PM	18:45 - 19:45	Imaging basics	David Wilner (CfA)
13:45	1:45 PM	19:45	<i>Break (15min)</i>	
14:00 - 15:00	2:00 - 3:00 PM	20:00 - 21:00	Mosaicking <i>[Lecture: 35min, Questions: 10 min]</i>	Brian Mason (NRAO)
15:00	3:00 PM	21:00	<i>Break (30min)</i>	
16:00-16:45	4:00 - 4:45 PM	22:00 - 22:45	VLBI <i>[Lecture: 35min, Questions: 10 min]</i>	Adam Deller (Swinburne)

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09:00 - 10:00	9:00 - 10:00 AM	15:00 - 16:00	Wideband & Widefield Imaging <i>[Lecture: 50 min, Questions: 10 min]</i>	Urvashi Rao Venkata (NRAO)
10:00	10:00 AM	16:00	<i>Break (20min)</i>	
10:20 - 11:20	10:20 - 11:20 AM	16:20 - 17:20	Practical Aspects of widefield wideband imaging <i>[Lecture: 50min, Questions: 10min]</i>	Preshanth Jagannathan (NRAO)
11:20	11:20 AM	17:20	<i>Lunch Break (1.45hr)</i>	
12:45 - 13:45	12:45 - 1:45 PM	18:45 - 19:45	Low radio frequencies <i>[Lecture: 45min, Questions: 5+5+5min]</i>	Tracy Clarke (NRL)
13:45	1:45 PM	19:45	<i>Break (15min)</i>	
14:00 - 15:00	2:00 - 3:00 PM	20:00 - 21:00	Interferometry of Solar System Bodies <i>[Lecture: 45min, Questions: 10 min]</i>	Bryan Butler (NRAO)

WEEKEND

Day 4: Monday, May 23

09:00 - 12:00	9:00 AM - 12:00 PM	15:00 - 18:00	Tutorials <i>[Slack support/Live]</i>	--
12:00	12:00 PM	18:00	<i>Lunch Break (1hr)</i>	
13:00 - 14:00	1:00 - 2:00 PM	19:00 - 20:00	Tutorials: Questions & discussion:	TBA
14:00	2:00 PM	20:00	<i>Break (15min)</i>	
14:15 - 15:00	2:15 - 3:00 PM	20:15 - 21:00	Error Recognition <i>[Lecture: 35min, Questions: 10min]</i>	Amanda Kepley (NRAO)
15:00	3:00 PM	21:00	<i>Break (15min)</i>	
15:15 - 16:00	3:15 - 4:00 PM	21:15 - 22:00	CARTA <i>[Lecture: 40min, Questions: 5min]</i>	Juergen Ott (NRAO)

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09:00 - 09:55	9:00 - 9:55 AM	15:00 - 15:55	Advanced Calibration I <i>[Lecture: 45min, Questions: 10min]</i>	Crystal Brogan (NRAO)
09:55	9:55 AM	15:55	<i>Break (10min)</i>	
10:05 - 11:00	10:05 - 11:00 AM	16:05 - 17:00	Advanced Calibration II <i>[Lecture: 45min, Questions: 10min]</i>	Crystal Brogan (NRAO)
11:00	11:00 AM	17:00	<i>Break (15min)</i>	
11:15 - 11:50	11:15 - 11:50 AM	17:15 - 17:50	Science with VLA and ALMA <i>[Lecture: 30min, Questions: 5 min]</i>	Chris Carilli (NRAO)
11:50	11:50 AM	17:50	<i>Lunch Break (1.15hr)</i>	
13:00 - 14:15	1:00 - 2:15 PM	19:00 - 20:15	Spectral Lines <i>[Lecture: 60min, Questions: 15min]</i>	Ylva Pihlstrom (UNM)
14:15	2:15 PM	20:15	<i>Break (15min)</i>	
14:30 - 15:30	2:30 - 3:30 PM	20:30 - 21:30	Astrometry <i>[Lecture: 45min, Questions: 15 min]</i>	Amy Mioduszewski (NRAO)

Day 6: Wednesday, May 25

09:00 - 10:00	9:00 - 10:00 AM	15:00 - 16:00	Polarisation <i>[Lecture: 50min, Questions: 10min]</i>	Frank Schinzel (NRAO)
10:00	10:00 AM	16:00	<i>Break (30min)</i>	
10:30 - 11:30	10:30 - 11:30 AM	16:30 - 17:30	Image and non-imaging analysis <i>[Lecture: 50min, Questions: 10min]</i>	Dom Pesce (CfA)
11:30	11:30 AM	17:30	<i>Break (10min)</i>	
11:40 - 12:15	11:40 AM - 12:15 PM	17:40 - 18:15	Science with VLBI <i>[Lecture: 30min, Questions: 5 min]</i>	Tom Maccarone (TTU)
12:15	12:15 PM	18:15	<i>Lunch Break (1hr)</i>	
13:15 - 14:15	1:15 - 2:15 PM	19:15 - 20:15	Present and future array design, ngVLA <i>[Lecture: 50min, Questions: 10min]</i>	Eric Murphy (NRAO)
14:15	2:15 PM	20:15	<i>Closing remarks</i>	Anna Kapinska (SOC/LOC)