



# MWA Project Meeting – Schedule

Tuesday, July 25

Location: Global Streaming Centre room, [the Hub function centre, Technology Park, Bentley](#)

Session	Start Time	Speaker	Presentation
<b>Welcome</b>  <i>Chair: LOC</i>	8:30	-	Registration and Coffee
	9:00	TBA	Welcome to Country
	9:20	LOC	Housekeeping
	9:30	Steven Tingay	Director's Overview
	10:00	<i>Morning Tea</i>	
<b>MWA's Past and Future</b>  <i>Chair: Kathryn Ross</i>	10:30	Mark Gray, Ugo Varetto	MWA and Pawsey: together for 47 petabytes and counting
	11:00	Sarah Pearce	MWA importance as an SKA precursor
	11:30	Randall Wayth, Chris Riseley	MWA Phase III Science and Engineering
	12:00	<i>Lunch</i>	
<b>GEG Science</b>  <i>Chair: Ridhima Nunhokee</i>	13:00	Chenoa Tremblay	10 Years of Galactic and Extra-Galactic (GEG) Astronomy
	13:30	Stefan Duchesne	Abell 194 and getting the most out of archival datasets
	13:50	Sean Paterson	A Deep Imaging Pipeline to Simplify Processing and Mosaicking of Survey Data
	14:00	Linhui Wu	Diffuse Radio Emission in the Radio Lobes of M87
	14:20	Kathryn Ross	GLEAM-X IDR11: What's available and what's next!
	14:40	Christopher Riseley	A decade of MWA magnetism: where did we come from and where are we going?
	15:00	<i>Afternoon tea</i>	
<b>PFT Science</b>  <i>Chair: Sam McSweeney</i>	15:30	Ramesh Bhat	10 years of Pulsars and Fast Transients with the MWA
	16:00	Mengyao Xue	Probing the ISM towards the Gum Nebula using Pulsar Measurements
	16:20	Bradley Meyers	The SMART pulsar survey: past, present, and future
	16:40	Garvit Grover	Discovery and follow-up of a new long-period, nulling pulsar from the SMART survey
	17:00	<i>Close of Day</i>	

## Wednesday, July 26

**Location:** Global Streaming Centre room, [the Hub function centre, Technology Park, Bentley](#)

*Note: There is no online component for the Sundowner.*

Session	Start Time	Speaker	Presentation
<b>Connection and Community</b>  <i>Chair: Steven Tingay, LOC</i>	8:30	-	Coffee
	9:00	Roni Kerley, Mark Smith	Acknowledgement of country, and the MWA's connections to the Indigenous community
	9:30	Emma Tolley	Switzerland's motivation to join the MWA
	10:00	<i>Morning Tea</i>	
<b>EoR Science</b>  <i>Chair: Jonathan Pober</i>	10:30	Cathryn Trott	The MWA Epoch of Reionisation Project: the 10-year search for the 13 billion-year old signal
	11:00	Stuart Wyithe	Constraining Reionization with MWA and beyond
	11:20	Michael Wilensky	Evidence of Ultra-faint RFI in Deep 21~cm EoR Power Spectra with the MWA
	11:40	Nichole Barry	Towards a New Upper Limit on the EoR 21-cm Measurement using FHD -- A Celebration and a Lament
	12:00 12:50	<i>Lunch Group photo</i>	
<b>EoR Science</b>  <i>Chair: Yi Mao</i>	13:00	Takumi Ito	Foreground Removal with Gaussian Process Regression
	13:20	Katherine Elder	Effect of radiative mutual coupling on beam pattern
<b>SHI Science</b>  <i>Chair: Michael Wilensky</i>	13:40	Divya Oberoi	Ten years of solar, heliospheric and ionospheric science with the MWA
	14:20	John Morgan	Probing the high-resolution sky with Interplanetary Scintillation
	14:40	Rohit Sharma	Detection and simulation of the weak radio bursts
	15:00	<i>Close of Day (sessions)</i>	
<b>Sundowner</b> <a href="#">(Registration Link)</a>	16:30	Arrival and refreshments	
	17:00	Event starts	
	18:30	<i>Event close</i>	

## Thursday, July 27

### Location (AM sessions):

Curtin Institute of Radio Astronomy (CIRA). [Building 610, 1 Turner Avenue, Bentley](#)  
 Limited verge-side parking is available for free, or participants can park at the Hub (2 mins away on foot). Building access via South and East entrances.  
*Please wear enclosed shoes for the CIRA lab tour.*

### Location (PM sessions):

ARRC Building. [26 Dick Perry Ave, Kensington WA 6151](#)  
 Transport from CIRA provided.

*Note: There is no online component for the facility tours, poster presentations or Perth Observatory.*

Session	Start Time	Speaker	Presentation
<b>Board Meeting</b>	9:00-11:00	MWA Board Meeting (for Board members only), in CIRA Boardroom	
<b>Facility Tours</b>	8:30	Coffee and morning tea available at CIRA	
	8:40	Pawsey Supercomputing Research Centre tours (with bus transport to Pawsey). Two groups, one hour each, swapping with CIRA tour	
	9:00	CIRA lab tours. Two groups, one hour each, swapping with Pawsey tour	
<b>Posters</b>	11:00	Poster presentations at CIRA	
	<i>12:00</i>	<i>Lunch at CIRA</i>	
<b>ARRC Welcome</b>	13:10	Bus transport to ARRC Building (across the road: <a href="#">26 Dick Perry Ave, Kensington WA 6151</a> )	
	13:25	Chris Brayton	Acknowledgement of country and housekeeping
<b>Performance</b>	13:30	Group	Performance art of ancient Chinese astronomer
<b>Building the MWA</b>  <i>Chair: Randall Wayth, LOC</i>	14:00	Robert Goeke	Building the MWA
	14:30	Murray Hadley	MWA connections to industry: Science meets construction
<b>SKAO Tour</b>	<i>15:00</i>	<i>Afternoon tea and tours of SKAO offices in ARRC building (20 min)</i>	
<b>Operations &amp; Engineering</b>  <i>Chair: Sam McSweeney</i>	15:40	Andrew Williams	How to submit an MWA observing proposal
	15:50	Greg Sleaf	MWA Archive Update and Retrospective
	16:10	Dev Null	Showcasing a Decade of Advancements in MWA Calibration Techniques
	16:30	Bus transport to CIRA	
	<i>16:30</i>	<i>Close of Day (sessions)</i>	
<b>Perth Observatory</b>  <a href="#">(Registration Link)</a>	17:00	Bus from campus to Perth Observatory	
	17:45	Arrival and informal dinner	
	18:30	Exclusive night sky and museum tours	
	21:00	Bus from Perth Observatory to campus	
	<i>21:45</i>	<i>Event close</i>	

## Friday, July 28

**Location:** Global Streaming Centre room, [the Hub function centre, Technology Park, Bentley](#)

*Note: There is no online component for the Book Launch event.*

Session	Start Time	Speaker	Presentation
<b>Discovery</b> <i>Chair: Jiajun Zhang</i>	8:30	-	Coffee
	9:00	Ron Ekers	Lessons from the history of discoveries made (and missed) using radio frequency interferometers and arrays on our path to the MWA
	9:40	Danny Price	Overview of SETI and the MWA: Technosignature and FRB searches with the MWA
	<i>10:10</i>	<i>Morning Tea</i>	
<b>Transient Science</b> <i>Chair: Mengyao Xue</i>	10:40	Gemma Anderson	Celebrating 10 years of transient science with the MWA
	11:10	Clancy James	Plans for the MWA Particle Detector Array
	11:25	Jun Tian	MWA rapid follow-up of gravitational wave transients: prospects for detecting prompt radio counterparts
	11:45	Marcin Sokolowski	All-sky high-time resolution monitoring of transient sky with SKA-Low stations
	<i>12:00</i>	<i>Lunch</i>	
<b>Transient Science</b>	13:00	Natasha Hurley-Walker	Long-period radio transients
<b>Awards</b>	13:30	Chris Riseley, Stefan Duchesne	Award presentation
	13:40	Steven Tingay	Wrap-up
	<i>14:00</i>	<i>Close of Project Meeting</i>	
<b>Book Launch</b>	15:00 – 17:00	Ron Ekers at the Pawsey Supercomputing Research Centre	External event. Book Launch: <i>Joe Pawsey and the Founding of Australian Radio Astronomy</i>