

2015 SKA1-LOW Calibration Consultation Workshop Agenda

Ver 3, 9 April 2015

Tuesday 14 April

SKAO	Perth	Session	session	topic	presenter	second	sydney
Tue 08:00 *	Tue 15:00	Session					Tue 17:00
08:00	15:00	Introduction	5	Welcome	DG		17:00
08:05	15:05		5	Logistics	Mark Waterson		17:05
08:10	15:10		20	Process and goal	Tim Cornwell		17:10
08:30	15:30	Calibrateability	30	Calibrateability	Stefan Wijnholds		17:30
09:00	16:00		30	Outer array design	Tim Cornwell		18:00
09:30	16:30		30	Outer array design and EOR	Cath Trott		18:30
10:00	17:00	Coffee	30				19:00
10:30	17:30	Antenna Characterisation	30	Antenna model fidelity & stability	Nima Razavi-Ghods	Andy Faulkner	19:30
11:00	18:00	Station calibration	30	MWA experience	Natasha Hurley-Walker	Bart Pindor	20:00
11:30	18:30		30	LOFAR experience	Stefan Wijnholds		20:30
12:00	19:00	Lunch	45				21:00
12:45	19:45	Telescope calibration	30	Strategies and processes	Tim Cornwell		21:45
13:15	20:15	Ionospheric modeling	45		Cath Trott	Randall Wayth	22:15
14:00	21:00	Discussion	45		Mark, Tim		23:00
14:45	21:45	End of day					23:45

Wednesday 15 April

08:00	15:00	EOR detection issues	30	EoR...	Vibor Jelic		17:00
08:30	15:30		30		Mike Jones		17:30
09:00	16:00		30		Leon Koopmans		18:00
09:30	16:30	Imaging	30	DDE calibration and correction	Daniel Mitchell	Lofar?	18:30
10:00	17:00	coffee	30				19:00
10:30	17:30	Pulsars	15	Pulsars on LOFAR	Jason Hessells		19:30
10:45	17:45		15	Pulsar Issues - SKA	Evan Keane		19:45
11:00	18:00	Discussion	45	Overview of inputs	Mark/Tim		20:00
11:45	18:45	Lunch	45				20:45
12:30	19:30	Discussion	15	Overview of implications			21:30
12:45	19:45	Low Antenna	15	Tentative model	Maria-Grazia Labate	Andy Faulkner	21:45
13:00	20:00	Low LNA, transmission, analog	15	Tentative model	Mark Waterson	Andy Faulkner	22:00
13:15	20:15	Low Station Configuration	15	Tentative model	Maria-Grazia Labate	Andy Faulkner	22:15
13:30	20:30	Low Synchronisation and Timing	15	Tentative model	Roshene McCool	Simon Garrington	22:30
13:45	20:45	Low Configuration	15	Tentative model	Tim Cornwell	Stefan Wijnholds	22:45
14:00	21:00	Low Beamformer	15	Tentative model	Wallace Turner	Kris Zarb Adami	23:00
14:15	21:15	Low Correlator	15	Tentative model	Wallace Turner	Kris Zarb Adami	23:15
14:30	21:30	Low Imaging Processor	15	Tentative model	Tim Cornwell	Anna Scaife	23:30
14:45	21:45	Discussion	30	Conclusions, path forward	Mark/Tim		23:45
15:15	22:15	End of meeting					