

LOW FREQUENCY SOFTWARE WORKSHOP

MEETING SCHEDULE



AUGUST 10, 2008

ACAPULCO , WEST TOWER, GOLD LEVEL

Session 1: Project status updates

9:00 AM Welcome
9:05 AM PAPER update – Don Backer
9:15 AM EDGES update – Judd Bowman
9:25 AM LWA update – Ylva Pihlström
9:35 AM ETA update – Steve Ellingson
9:45 AM MWA update – Lincoln Greenhill
9:55 AM LOFAR update – Ger de Bruyn

10:05 AM Coffee break

Session 2: Array Simulators

10:20 AM Simulations for the Long Wavelength Array – Masaya Kunioshi
10:40 AM The MAPS simulator – Randall Wayth
11:00 AM Beam modeling with MeqTrees – Sarod Yatawatta
11:20 AM Systematic errors and artifacts in spectrometers – Alan Rogers
11:40 AM AIPY: Astronomical Interferometry in Python – Aaron Parsons
12:00 AM Discussion

12:30 PM Lunch (not included)

Session 3: Real-time calibration and imaging

1:40 PM The MWA real time system – Daniel Mitchell
2:00 PM ETA data processing – Steve Ellingson
2:20 PM LOFAR calibration of the ionosphere and other fun things – James Anderson
2:40 PM Discussion

Session 4: Off-line calibration and imaging algorithms

3:10 PM GMRT low frequency data processing – Subhashis Roy
3:30 PM MWA off-line foreground subtraction and processing – Judd Bowman
3:50 PM Coffee break
4:10 PM MWA survey imaging – Steve Ord
4:30 PM The VLSS – Aaron Cohen
4:50 PM Imaging and calibration algorithms research using CASA – Sanjay Bhatnagar
5:10 PM Discussion
6:00 PM Workshop ends

(8/8/08)