

Subject: [allemploy] FYI: 8 Oct 07 Biweekly Calendar of the ALMA Project at NRAO
From: "Alwyn Wootten" <awootten@nrao.edu>
Date: 11/18/2007, 8:59 PM
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BIWEEKLY CALENDAR OF THE ALMA PROJECT at NRAO
8 October 2007 - 22 October 2007

***** THIS FORTNIGHT*****
On October 19 at the ATF another stage was reached in the push for Dynamic Interferometry. Coherent fringes were detected on Jupiter and 2 quasars (1751+096 and 1924-292) using automatically generated geometric delay information. Some manual intervention is still required to adjust the "bulk" delays in the correlator, although single sample delays in the Correlator and subsample delays in the Digitizer Clock are being automatically adjusted. ... The single remaining item needed to achieve dynamic interferometry is the automated control of the bulk delay in the correlator, after which we will begin to address the residual fringe rate. - Jeff Kern

Past issues of this Calendar may be viewed at
<http://www.cv.nrao.edu/~awootten/mmailcal/ALMACalendars.html>

See also the JAO ALMA Calendar overview at:
http://www.alma.cl/alma_project

General Happenings

Photos of activity may be found at:

<http://www.alma.nrao.edu/almanews/almagallery/index.html>

Sky: Mars rises as night falls.

SCO (Santiago Central Office): Preparations are being made for the ALMA Board and AMAC meetings in San Pedro and at the OSF beginning 30 Oct. Immediately following, the ESO Finance Committee visits the ALMA site, followed by its own meeting at Paranal.

AOS (Array Ops Site, 16570ft altitude): Construction of the transporter shelter will continue.

OSF (Ops Support Facility, 9600ft altitude): There are 529 people working at the ALMA site. VertexRSI antenna number one servo commissioning is underway. VertexRSI antenna number two erection has begun in the Site Erection Facility. Assembly of the first three MELCo antennas is complete. Holography Receiver #1 was installed on the first ACA 12-m antenna.

ATF: Repair work on the quadripod legs of the VertexRSI prototype antenna begins 22 October. Roughly 54% of the time was used for active development (hardware and software) and science observations (primarily total power pointing), 21% of the time was used for passive data collection (archiving monitor points to troubleshoot hardware problems), 23% was down time, and about 2% was unscheduled.

AOC: Two production Local Oscillator Reference Receivers (LORR)s have been built for delivery to Chile in the near future.

NTC (NRAO Technology Center including North American Front End Integration Center (NA FEIC)): The NA FEIC is awaiting shipment of a third cryostat from RAL. FE(Front End) #2 is complete except for the LO Photonic Receiver and mounting of warm cartridge assemblies for bands 7 and 9. Beam pointing with FE#1 will be repeated. Mechanical construction of the second 2 antenna correlator, destined for the OSF, progresses. All cards to complete

the 2nd Quadrant of the correlator have been assembled and construction on that quadrant has restarted.

NAASC: CASA boot camp for initial support personnel Oct 16-18 in AOC with teleparticipation of some NAASC personnel.

A calendar of NAASC events may be found at:

<http://www.cv.nrao.edu/naasc/calendar/calendar.php>

DAILY CALENDAR (Times EDT/EST) see

<https://wikio.nrao.edu/bin/view/ALMA/AlmaCalendar>

Sun 7 Oct -

Mon 8 Oct -

4:00PM: ATF telecon

Tue 9 Oct -

Wed 10 Oct -

10:30am: SSR telecon

Thu 11 Oct - New Moon

10:00am: Calibration telecon

Fri 12 Oct -

Sat 13 Oct -

Sun 14 Oct -

Mon 15 Oct -

4:00PM: ATF telecon

Tue 16 Oct

10:30 AM-11:30 AM: JAO IPT Telecon

Wed 17 Oct -

10:30am: Sci IPT telecon

Thu 18 Oct -

Fri 19 Oct -

Sat 20 Oct -

Sun 21 Oct -

Mon 22 Oct -

4:00PM: ATF telecon

***** UPCOMING EVENTS *****

Oct 29-31 ALMA Board Meeting Santiago&San Pedro

Nov 1-2 AMAC Review Santiago

Nov 13-15 Production Workshop Cville-ER

Jan 23-24 Nutator CDR ASIAA

***** TECHNICAL NEWS *****

***** ALSO OF INTEREST *****

Jobs for scientists interested in working on the commissioning of ALMA are available at both ESO and NRAO.

The National Radio Astronomy Observatory invites applications for an ALMA Commissioning Scientist position. This position is assigned to the ALMA project with operational duties in Chile. The role of the ALMA Commissioning Scientist will be to assist the Project Scientist and the Deputy Project Scientist in planning and executing the scientific commissioning of ALMA.

We invite applications for one or more Assistant Scientist positions in the NAASC. The primary responsibility of the successful candidates initially is to participate in ALMA Commissioning and Science Verification (CSV).

http://www.nrao.edu/administration/personnel_office/careers.shtml

For ESO jobs please see:

<https://jobs.eso.org/ESOCP370/default.asp?PageNo=DEFAULT>

For ALMA jobs please see:

<http://www.alma.cl/jobops/>

Applications are invited for Submillimeter Array (SMA) Postdoctoral Fellowships starting in fall 2008. These positions are aimed chiefly at research in submillimeter astronomy, and the successful candidates are expected to propose and participate in science observations with the SMA.

See <http://www.cfa.harvard.edu/opportunities/fellowships/sma/>

Please direct questions to smapostdoc at cfa.harvard.edu.

Online applications are due December 15, 2007.

Please send information for upcoming calendars by Friday evening of the preceding biweekly period to Jennifer Neighbours or Al Wootten via e-mail (jneighbo at nrao.edu or awootten at nrao.edu).

The calendar will be issued between late Friday and sometime on Monday by e-mail to all NRAO scientific staff members and anyone else interested. A specific mailing list, alma-info, has been created for anyone wishing to receive it.

Past issues are available at

<http://www.cv.nrao.edu/~awootten/mmaimcal/ALMACalendars.html>

Allemploy mailing list

Allemploy@listmgr.cv.nrao.edu

<http://listmgr.cv.nrao.edu/mailman/listinfo/allemploy>