Subject: [allemploy] BIWEEKLY CALENDAR OF THE ALMA PROJECT at NRAO
From: "Al Wootten" <awootten@nrao.edu>
Date: 1/3/2005, 5:47 PM
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BIWEEKLY CALENDAR OF THE ALMA PROJECT at NRAO
January 3, 2005 -- January 17 2005

********** THIS FORTNIGHT**********
Happy New Year!

Phone numbers of JAO personnel at 40 El Golf are now correct in the NRAO database:
Reception: +56-2-467-6100
Substitute the extension for the 100 in the reception number to reach:
Fax 101
Tarenghi 120
Beasley 140
Hermant 125 Hermant fax 105
Navarro 130
Ritz 131
Murowinski 142
Simon 143
IT room 117
Donoso 135

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

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General Happenings

ATF: Vertex panels reset, holography planned on Vertex antenna, optical pointing
planned on AEC antenna.

NAASC: Monthly meeting Friday 7 Jan at 11am;
notes at https://wiki.nrao.edu/bin/view/ALMA/NAASC
(Internal only).

DAILY CALENDAR (Times EST)
Mon 03
10:30 AM-11:30 AM: JAO IPT Telecon
Tue 04
10:30 AM-11:30 AM: ASAC Teleconference
4:00 PM-5:00 PM: NAScienceIPT teleconference (open to all interested parties) (434)296-7082
Agenda: http://www.cv.nrao.edu/~awootten/mmaimcal/
Wed 05
Thu 06
9:30 AM-11:00 AM: Management IPT Teleconference
Fri 07
3:00 PM-4:00 PM: ANASAC Teleconference
Sat 08
Sun 09
Mon 10
10:30 AM-11:30 AM: JAO IPT Telecon

11:30 AM-12:30 PM: NA DH telecon
 Tue 11
11:00 AM-2:30 PM: ALMA Town Hall at AAS Meeting
 Wed 12
11:00 AM-12:00 PM: Software Science Req. Group Teleconference
 Thu 13
 Fri 14
 Sat 15
 Sun 16
********** UPCOMING EVENTS
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ALMA Calendar

    * 4 Jan -- ASAC telecon
    * 5-7 Jan 2005 -- UNSC URSI Boulder meeting Commission J
    * 7 Jan 2005 -- ANASAC Telecon
    * 11 Jan 2005 - ALMA Town Meeting, AAS San Diego, 1pm Royal Palm 1-3
    * 13-15 Jan 2005 -- Commissioning Science Verification Meeting,
Socorro
    * 27 Jan 2005 -- ALMA Board Telecon
    * 24-25 Feb 2005 -- ASAC face-to-face meeting, Garching (tent)
********** TECHNICAL NEWS
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ALMA Memo # 508   Low Phase Noise Laser Synthesizer with Simple
Configuration
Adopting Phase Modulator and Fiber Bragg Gratings
T. Yamamoto (NTT Network Innovation Laboratories), S. Kawanishi (NTT
Network
Innovation Laboratories), A. Ueda (National Astronomical Observatory of
Japan),
M. Ishiguro (National Astronomical Observatory of Japan)
2004-12-01 Keywords: Laser Synthesizer, Phase Noise, Phase Modulator,
Fiber
Bragg Grating

We introduce a novel laser synthesizer with a simple configuration that
contains no phase lock loop. This laser synthesizer generates an optical
beat signal by modulating a CW light using a phase modulator and selecting
two line spectra from modulation sidebands using serially-connected fiber
Bragg gratings. With this configuration, the optical beat signal is
obtained
from a single laser source by converting CW laser light into an optical
beat
signal through a single optical path. This enables us to obtain a low
phase
noise of the optical beat signal which is comparable to that of the RF
synthesizer that drives the phase modulator. In addition, polarization
stability is also obtained between the two line spectra. The complete
frequency range of the optical beat signals required in ALMA can be
covered
using this laser synthesizer.

View a pdf version of ALMA Memo #508.
http://www.alma.nrao.edu/memos/html-memos/alma508/memo508.pdf

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

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Please send information for upcoming calendars by Friday evening of the
preceding biweekly period to Jennifer Neighbours or Al Wootten via e-mail

(jneighbo@nrao.edu or awootten@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

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Allemploy mailing list
Allemploy@listmgr.cv.nrao.edu
http://listmgr.cv.nrao.edu/mailman/listinfo/allemploy

Attachments:

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