

===== Tianlai teleconf (17 October 2013) summary =====

Attendance: R. Ansari, J.E. Campagne, J.M. Martin, M. Moniez,
C. Magneville, A. Stebbins, Jiao Zhang, P. Timbie, Le Zhang,
NAOC: Fengquan Wu, Yichao Li, Yidong Xu

This meeting web page and documents:

<https://indico.jal.in2p3.fr/conferenceDisplay.py?confId=2275>

A- Report on Tianlai activities in NAOC (F. Wu)

- measured system temperature about 70 K for the inst. 54 receiver
- new commercial receiver will be tested
- 3 dishes, observations of interference patterns on sun, CasA, CygA
- 32 channel correlator will be tested next month
- administrative work for site (land appropriation) still going on

B- Dish and feed simulations (P. Timbie)

- work on simulating dish and feed - beam patterns -at wisconsin some technical issues with the simulation software
- Copy of the feeds (coffee can feeds) designed and build in China will be made and tested on the antenna range in Wisconsin

C- Work on PAON/ NRT (R. Ansari)

- progress report on work done in order to understand the oscillations in the spectrum due to cables ... on PAON and NRT setup with the BAORadio electronics
- a number of problems have been identified (mainly reflexion due to connectors) and have been identified and partial solutions are proposed.
- Questions by Jeff about the PAON-4 antenna structures

D- AOB

- the international radio union/association (URSI) conference will be held in Beijing next summer (2014)
- Next Tianlai meetings - THURSDAYS : 14 November 2013, 12 December 2013