

===== **Tianlai teleconf (19 May 2016) summary** =====

Attendance: NAOC , CMU, Fermilab, UW, LAL, CEA, Obs.Paris, Nançay

NAOC: Xuelei Chen, Jiao Zhang + ?

UW (Wisconsin) : Peter Timbie was not able to join

CMU: Jeff Peterson

Fermilab: Albert Stebbins

Shanghai: Le Zhang

LAL: R. Ansari (at Nançay)

CEA: C. Magneville (at Nançay)

Nançay : Steve Torchinsky

Obs. de Paris: J.M. Martin

This meeting web page and documents:

<https://indico.lal.in2p3.fr/event/3225/>

(modification pw = tian21cmtc)

PAON-4 status (R. Ansari)

- part of the team at Nançay these days - working on checking the modified analog electronics
- hope to resume routine data taking soon for a period of few weeks
- Good progress on the NEBuLA digitiser board. fabrication phase for the prototype

Tianlai status (X. Chen - see slides)

- Intensive work by Fengquan Wu and students at the site during last weeks
- A lot of progress on the instrument side and understanding problems
- computer room air conditioning OK, and the 192 correlator is now working with ~ half of the frequency band - part of the correlator is off due to a power supply failure - reprogrammed to work with a fraction of the boards off
- data taking for a week, analysis work on understanding frequency response
- RFI generated by various equipment on site (network equipment, dish pointing system ...)
- Other work: calibration antenna surge protection, dish array feed positions measured , found to be consistent with the specifications, software for storing visibilities in HDF5 format

Tianlai-US / data analysis center (A. Stebbins / P. Timbie)

- Positive feedback from the NSF on the submitted grant
- expect the answer in a month
- if positive, a postdoc position would be available in the US, please spread the information

Next workshop / collaboration meeting

- Albert proposes to host the next Intensity Mapping workshop/Tianlai collaboration

meeting at Fermilab

- Suggested dates would be in fall , October 2016 ?)

AOB

- BINGO funded (mostly Brazilian money, built in Uruguay. J. Peterson & S. Torchinsky in the extended review committee

- Second round of review by NSFC (China) for the radio interferometer satellite around the moon on Friday May, 20th - scientific collaborators welcome

Next meeting

- Next Tianlai meeting : June, 9th - 2016