

===== **Tianlai teleconf (16 June 2016) summary** =====

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

NAOC: Xuelei Chen, Fengquan Wu, Jiao Zhang +

UW (Wisconsin) : Peter Timbie

CMU: Jeff Peterson

Fermilab: Albert Stebbins

LAL: R. Ansari, M. Moniez, J.E. Campagne, A. Potier

Nançay : Steve Torchinsky

Obs. de Paris: J.M. Martin

This meeting web page and documents:

<https://indico.lal.in2p3.fr/event/3255/>

(modification pw = tian21cmtc)

Tianlai status (Fengquan WU)

- some problems with the correlator (lost packets) possible reasons: not enough processing power (CPU) or not power supplies not strong enough (?)
- some problems with the noise generation and transmitter for the calibration system
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(problem due to lightning or static charges destroying the electronic). Jeff suggest to use the feeds made by institute 54 instead of of the discone antenna, as it has a DC-shorted balun

- Some differences are observed on the time of transit for different feeds on the cylinder -

That could be caused by imperfections on the shape of the cylinder surface - It is suggested

to try to map this shape using photographic technics

Next collaboration meeting (A. Stebbins)

- A conference will take place at KICP (Chicago) on future Cosmic surveys and includes also sessions on 21cm, September 21-23 :

<https://kicp-workshops.uchicago.edu/FutureSurveys/index.php>

- The next 21cm Intensity Mapping workshop and Tianlai collaboration meeting will be organised in Fermilab, the week following the workshop, 26 - 27 September 2016.

AOB

- We shall try to have a regular publication review by Steve Torchinsky during the Tianlai teleconfs ...