

===== Tianlai teleconf (16 July 2015) summary =====

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

NAOC: Xuelei Chen, Yichao Li, Jiao Zhang ( + R. Ansari )

UW (Wisconsin) : P. Timbie, Le Zhang

CMU: Jeff Peterson

Fermilab: A. Stebbins

KASI: Yong-Seon Song, Cristiano Sabiu

Observatoire: P. Colom, J.M.Martin, S. Torchinsky

LAL: J.E. Campagne, M. Moniez

CEA: C. Magneville

This meeting web page and documents:

<https://indico.lal.in2p3.fr/event/2935/>

(modification pw = tian21cmtc)

**Scaled Cylinder Model (see slides by P. Timbie)**

- Presentation of the first measurements of the beam pattern using the scaled cylinder and feed model - (frequency around 10 GHz) - reasonable agreement with calculations
- Given the small size of the feed, its realization might not be fully accurate
- Plan: use a drone to fly over the cylinder model to map the beam, and then develop the tools for Tianlai

**PAON-4 results (see slides by R. Ansari)**

- Presentation of recent results obtained from the PAON-4 observations.

**Update on Tianlai site and instrument (X. Chen)**

- the bridge destroyed by the flood will be rebuilt
- Yougang went to the site and is discussing with the contractor

**Tianlai workshop in Balikun in Xinjiang**

- The Tianlai workshop will be organized in Balikun, the city close to the Tianlai site in september, from Sept. 7th to 10 (4 days: 2 days workshop + visit to the site)

**LDRD Tianlai Analysis Center at Fermilab (A. Stebbins)**

- proposal ranked in the middle 1/3 , encouraged to submit a full proposal
- J. Marriner has accepted to help with the proposal preparation