

## Program

Note: the time in the program is given in Beijing Standard Time, which is about 2 hours earlier than the actual local time.

2015.09.07 (Monday)

07:30 CA1243 flight to Urumuqi, arrive 11:30

11:00 Bus depart from Xinjiang Observatory to airport

12:00 Pick up arrivals at Xinjiang airport, Depart for Balikun

14:30 Jimsar County, Lunch

15:00 Depart for Balikun

19:00 Arrive at Balikun, Check in Puleihai Hotel

20:00 Supper

2015.09.08 (Tuesday)

Morning

10:30-11:00 Opening Speeches

11:00-11:30 Peter Timbie: An overview of 21cm experiments

11:30-12:00 Bo Peng: The Square Kilometer Array(SKA) and FAST

12:00-12:30 Yihua Yan: The Solar Radio Array at Mingantu

12:30-13:00 Tea Break

13:00-13:30 Yidong Xu: A Forecast on the Dark Energy and Primordial-NonGaussianity measurement of the Tianlai experiment

13:30-14:00 Cris Sabiu: The 21cm-optical cross correlation

14:00-14:30 Yougang Wang: Site Selection and Construction

14:30-16:00 Lunch

16:00-16:30 Jie Hao: The Correlator for the Tianlai experiment

16:30-17:00 Fengquan Wu: Progress of the Experiment

17:00-17:20 Shijie Sun: Test of the optical fiber system

17:20-17:40 Yichao Li: Pipeline of Data Analysis

17:40-18:10 Tea Break

18:10-18:40 Albert Stebbins: Computing Need for the data processing

18:40-19:10 Lao Baoqiang: The Chinese SKA data center  
19:10-19:40 Linjie Chen: Ultra-long Wavelength Digital Radio  
Array- Prototype  
20:30 Banquet

2015.09.09(Wednesday)

10:30-11:00 Reza Ansari: Overview of the Data Processing  
Methods

11:00-11:30 Jiao Zhang: Map-Making methods and optimization of  
the Dish Array

11:30-12:00 Shifan Zuo: Map-Making of the Cylinder Array

12:00-12:30 Tea Break

12:30-13:00 Albert Stebbins: Analysis of foreground removal  
problem

13:00-13:30 Wang Jin: Study of Space Debris Observation Using  
Ground-Based Radar Antenna Arraying Techniques

13:30-14:00 Dongbiao Kang: Explaining the density profile of  
collisionless self-gravitating system by statistical mechanics.

14:00-15:30 Lunch

15:30-17:30 Discussions (Xuele Chen & Reza Ansari):  
Operation, Collaboration, Calibration, Data Processing (Store,  
transport and share), Data Analysis

2015.09.10 (Thursday)

09:00-13:00 go from Balikun to Hongliuxia site

13:00 Arrive at Station, Lunch

14:30-15:30 visit Antenna Site

15:30-22:30 Go from Balikun to Urumuqi

2015.09.11 (Friday)