



French-Chinese Workshop

"Preparing for the SKA: Science and Technology"

2-4 November 2011, Meudon-Nançay

Dates and venue: 2 and 3 November, Meudon Observatory, CIAS in the Château - talks
4 November: Nançay Radio Facility - visit by bus

Draft Workshop program – v2

Wednesday 2 November

Session 1 - Projects:

09:00-09:40 The SKA Project
09:40-10:20 SKA Technology

Wim van Driel
Steve Torchinsky

Coffee break 10:20-10:50

10:50-11:30 Chinese roadmap for SKA
11:30-12:10 Probing the EOR with 21CMA
12:10-12:50 Pulsars

Jinxin Hao / Bo Peng
Xiang-Ping Wu
Ismaël Cognard / Gilles Theureau

Buffet lunch break 12:50-14:20

Session 2 - Science:

14:20-15:00 Transients
15:00-15:40 Multi-wavelength synergy

Stéphane Corbel
Matt Lehnert

Coffee break 15:40-16:10

15:40-16:20 FAST Science
16:20-17:00 Observing LSS at $z \sim 0.5$ with BINGO

Di Li
Jun-Hua Gu

Welcome drink, followed by a buffet dinner in the Château

Thursday 3 November

Session 1 – Projects - continued:

09:00-09:40 The LOFAR Project

Michel Tagger

Session 3 - Technology:

09:40-10:20 Dense aperture arrays Guy Kenfack / Stephane Bosse

Coffee break 10:20-10:50

10:50-11:30 Microelectronics Stephane Bosse / Guy Kenfack

11:30-12:10 SKA Antenna System Biao Du or Yuan-Peng Zheng

12:10-12:50 Digital feedback electronics Chengjin Jin

Buffet lunch break 12:50-14:20

Session 4 - Data Collection and Processing:

14:20-15:00 Wide-field imaging Cyril Tasse

15:00-15:40 Low-frequency background subtraction Hai-Guang Xu

Coffee break 15:40-16:10

16:10-16:25 HI emission at intermediate redshifts Jing-Ying Wang

16:25-16:40 Foreground removal in 21cm EOR data Qian Zheng

16:40-17:10 21CMA software correlation technology Kuan-Jun Li

Friday 4 November

Visit by bus of the Nançay Radio Facility.

Pick-up at the ETAP hotel in Meudon at 07:30.

Expected arrival time at Nançay around 10:30, departure from Nançay at 16:15

Visit of the EMBRACE, LOFAR and decimetric Radio Telescope FAN instruments.