



COSMOLOGICAL SIGNALS & FOREGROUNDS

IN THE RADIO SKY

PARIS 23 & 24 May 2013

PRELIMINARY PROGRAM

THURSDAY MAY 23, 2013

10:30 Registration & Coffee

CMB SPECTRAL DISTORTIONS

11:00 - 11:45 **Carlo BURIGANA** (INAF-IASF, Bologna IT): Searching for low frequency distortions of the CMB

11:45 – 12:30 **Rishi KHATRI** (Max Planck Inst., Garching, DE): What can we learn about the cosmological parameters, inflation and new physics from spectral features in the CMB?

12:30 – 14:30 LUNCH BREAK

14:30 – 15:15 **Mario ZANNONI** (UNIMIB, Milano, IT): CMB spectral distortion experiments: the radio domain

21 CM LINE AND COSMOLOGY

15:15-16:00 **Jonathan PRITCHARD** (Imperial College, London, UK): New science from 21cm observations at high-z

16:00-16:30 COFFEE BREAK

16:30 - 17:15 **Réza ANSARI** (LAL, Orsay, FR): BAO observations in the radio

17:15 - 18:00 CONTRIBUTED TALKS

FRIDAY MAY 24, 2013

RADIO OBSERVATORIES for THE NEXT 50 YEARS

09:00-09:35 **Justin JONAS** (Rhodes University, South Africa): MeerKAT

09:45-10:20 **Philippe ZARKA** (Observatoire de Paris, Lesia, France) : LOFAR

10:30-11:00 COFFE BREAK

11:00-12:30 CONTRIBUTED TALKS

12:30 - 14:30 LUNCH Break

14:30-15:05 **Justin JONAS** (Rhodes University, South Africa): Technological and data analysis challenges for the SKA

15:15-15 :50 **Steve TORCHINSKY** (Observatoire de Paris, Nancay, France) : TBA

16:00 END OF WORKSHOP