

B mode from Space -- Part 1: The Science goals, status of spaceborne projects, foregrounds (Dec 10 -12), Part 2: Mission design, technologies and challenges for the spaceborne observations (Dec 14 -16) --

Friday 11 December 2015

Foreground (09:00 - 10:40)

-Conveners: Kiyotomo Ichiki

time	[id] title	presenter
09:00	[11] LiteBIRD as a radio transient factory Yoshiaki Inoue ISAS	Dr INOUE, Yoshiyuki
09:25	[9] Diffuse Synchrotron Emission in the Milky Way Eric Wilcots (Madison)	Dr WILCOTS, Eric
09:50	[10] The Physics of Polarized Dust Emission Brandon Hensley (JPL)	Dr HENSLEY, Brandon
10:15	[12] Magnetic field and Polarized dust - F. Boulanger (IAS)	Dr BOULANGER, Francois

Foreground (11:10 - 12:25)

-Conveners: Kiyotomo Ichiki

time	[id] title	presenter
11:10	[13] Foreground modelling Jacques Delabrouille (APC)	Dr DELABROUILLE, Jacques
11:35	[16] Foreground removal: Planck Jonathan Aumont (IAS)	Dr AUMONT, Jonathan
12:00	[15] Foreground removal: Maximum likelihood palametric Josquin Errard (ILP)	Dr ERRARD, Josquin

Foreground (13:30 - 15:10)

-Conveners: Carlo Baccigalupi

time	[id] title	presenter
13:30	[85] Foreground cleaning for LiteBIRD using NILC Soumen Basak (SISSA)	Dr BASAK, Soumen
13:55	[17] Foreground removal: pixel domain Ichiki (Nagoya)	Dr ICHIKI, Kiyotomo
14:20	[70] A new method to produce realizations of Galactic polarizations maps Flavien Vansyngel (IAS)	Dr VANSYNGEL, Flavien
14:45	[91] Relevance of diffuse polarized foreground emission for B-mode experiments on the degree angular scale KRACHMALNICOFF, Nicoletta (UNIM)	Dr KRACHMALNICOFF, Nicoletta
14:57	[92] Sensitivity and foreground modelling for large-scale CMB B-mode polarization satellite missions REMAZEILLES, Mathieu (Manchester)	Dr REMAZEILLES, Mathieu

Foreground (16:35 - 18:00)

time	[id] title	presenter
16:35	[71] Discussion Modelator Jo Dunkley	