



# **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) --**

## **Tuesday 15 December 2015**

### Cryogenics (14:30 - 15:45)

time	[id]	title	presenter
14:30	[57]	From Planck to LiteBIRD	Dr VERMEULEN, Gerard
14:55	[55]	Cryogenics overview for LiteBIRD	Dr MITSUDA, Kazuhisa
15:20	[59]	Development status of the CEA cooler Lionel DuBand CEA	Dr DUBAND, Lionel

### Cryogenics (16:15 - 17:55)

time	[id]	title	presenter
16:15	[58]	ADR(Goddard) Peter Shirron GSFC	Dr SHIRRON, Peter
16:40	[72]	PIPER's Continuous Adiabatic Demagnetization Refrigerator Eric Switzer (GFSC)	Dr SWITZER, Eric
17:05	[60]	Dilution option	Dr SHINOZAKI, Keisuke
17:30	[56]	Experience from Astro-H	Dr YAMASAKI, Noriko