

**LiteBIRD Montreal F2F**

# **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome (5)

*Monday 23 January 2017 09:00 (5 minutes)*

**Presenter:** Prof. DOBBS, Matt (McGill)

**Session Classification:** Science and Foreground

Contribution ID: 1

Type: **not specified**

## **Planck Sky Model (15+5)**

*Monday 23 January 2017 09:25 (20 minutes)*

**Presenter:** Dr REMAZELLE, Mathieu

**Session Classification:** Science and Foreground

Contribution ID: 2

Type: **not specified**

## **PySM (15+5)**

*Monday 23 January 2017 09:45 (20 minutes)*

**Presenter:** Mr THORNE, Ben

**Session Classification:** Science and Foreground

Contribution ID: 3

Type: **not specified**

## **Statistical Model (15+5)**

**Presenter:** Dr VANSYNGEL, Flavien

Contribution ID: 4

Type: **not specified**

## **Adding Noise at NERSC**

**Presenter:** Dr KISNER, Ted

Contribution ID: 5

Type: **not specified**

## **A new way of modeling foregrounds and removing them (15+5)**

*Monday 23 January 2017 11:50 (20 minutes)*

**Presenter:** Prof. LAZARIAN, Alex

**Session Classification:** Science and Foreground

Contribution ID: 6

Type: **not specified**

## **NILC by Mathieu, Carlo, Soumen (15+5)**

*Monday 23 January 2017 11:10 (20 minutes)*

**Session Classification:** Science and Foreground



Contribution ID: 7

Type: **not specified**

## **COMMANDER by Hans-Kristian, Ingunn (15+5)**

*Monday 23 January 2017 10:50 (20 minutes)*

**Session Classification:** Science and Foreground

Contribution ID: 8

Type: **not specified**

## **Internal Template (15+5)**

*Monday 23 January 2017 11:30 (20 minutes)*

**Presenter:** Dr ICHIKI, Kiyotomo

**Session Classification:** Science and Foreground

Contribution ID: 9

Type: **not specified**

## **Forecast (15+5)**

*Monday 23 January 2017 13:20 (20 minutes)*

**Presenter:** Prof. ERRARD, Josquin

**Session Classification:** Science and Foreground

Contribution ID: **10**

Type: **not specified**

## **Discussion on Foreground Removal, Sensitivity and Frequency bands**

*Monday 23 January 2017 13:40 (50 minutes)*

**Presenter:** Prof. KOMATSU, Eiichiro

**Session Classification:** Science and Foreground

Contribution ID: 11

Type: **not specified**

## **Scan Strategy (20+5)**

*Monday 23 January 2017 15:20 (25 minutes)*

**Presenter:** Dr UOZUMI, Satoru

**Session Classification:** Simulation and Systematics

Contribution ID: 12

Type: **not specified**

## **Band-pass mismatch (15+5)**

*Monday 23 January 2017 15:45 (20 minutes)*

**Presenter:** Prof. BUCHER, Martin

**Session Classification:** Simulation and Systematics

Contribution ID: 13

Type: **not specified**

## **Simulation at NERSC (15+5)**

*Monday 23 January 2017 15:00 (20 minutes)*

**Presenter:** Dr KISNER, Ted

**Session Classification:** Simulation and Systematics

Contribution ID: 14

Type: **not specified**

## **Systematics (15+5)**

*Monday 23 January 2017 16:05 (20 minutes)*

**Presenter:** Dr STOKES, Sarah

**Session Classification:** Simulation and Systematics



Contribution ID: 15

Type: **not specified**

## **Summary by Hirokazu and Chao-Lin (20+5)**

*Monday 23 January 2017 16:35 (25 minutes)*

**Presenters:** Prof. QUO, Chao-Lin; Prof. ISHINO, Hirokazu

**Session Classification:** Simulation and Systematics

Contribution ID: **16**

Type: **not specified**

## **Discussion**

*Monday 23 January 2017 17:00 (30 minutes)*

**Session Classification:** Simulation and Systematics

Contribution ID: 17

Type: **not specified**

## **US LiteBIRD team by Adrian/Dave**

*Wednesday 25 January 2017 09:00 (25 minutes)*

**Presenter:** Prof. LEE, Adrian

**Session Classification:** Detector arrays and readout

Contribution ID: **18**

Type: **not specified**

## **LFT**

*Wednesday 25 January 2017 09:25 (25 minutes)*

**Presenter:** Prof. HALVERSON, Nils

**Session Classification:** Detector arrays and readout

Contribution ID: **19**

Type: **not specified**

## **HFT by Johannes/Keith**

*Wednesday 25 January 2017 09:50 (25 minutes)*

**Presenter:** Dr THOMPSON, Keith

**Session Classification:** Detector arrays and readout

Contribution ID: **20**

Type: **not specified**

## Readout

*Wednesday 25 January 2017 10:15 (25 minutes)*

**Presenter:** Prof. ARNOLD, Kam

**Session Classification:** Detector arrays and readout

Contribution ID: **21**

Type: **not specified**

## **Discussions**

*Wednesday 25 January 2017 10:40 (20 minutes)*

**Session Classification:** Detector arrays and readout

Contribution ID: 22

Type: **not specified**

## **Cryogenics and Thermal Isolation Structure**

*Wednesday 25 January 2017 12:20 (15 minutes)*

**Presenter:** Mr CUKIERMAN, Ari

**Session Classification:** Focal plane structure, integration, tests



Contribution ID: 23

Type: **not specified**

## Integration & Tests

*Wednesday 25 January 2017 12:35 (15 minutes)*

**Presenter:** Dr SUZUKI, Aritoki

**Session Classification:** Focal plane structure, integration, tests

Contribution ID: 24

Type: **not specified**

## CR simulation

*Wednesday 25 January 2017 12:50 (25 minutes)*

**Presenter:** Dr MINAMI, Yuto

**Session Classification:** Focal plane structure, integration, tests

Contribution ID: 25

Type: **not specified**

## **Ground and in flight calibration**

*Wednesday 25 January 2017 13:15 (25 minutes)*

**Presenter:** Prof. SEKIMOTO, Yutaro

**Session Classification:** Focal plane structure, integration, tests

Contribution ID: 26

Type: **not specified**

## Discussion

*Wednesday 25 January 2017 13:40 (20 minutes)*

**Session Classification:** Focal plane structure, integration, tests

Contribution ID: 27

Type: **not specified**

## **Mission instrument overview and HWP Requirements**

*Tuesday 24 January 2017 08:30 (35 minutes)*

**Presenter:** Prof. MATSUMURA, Tomo

**Session Classification:** Polarization Modulator

Contribution ID: 29

Type: **not specified**

## **Report from Cardiff by Pisano/Cheng**

*Tuesday 24 January 2017 09:20 (25 minutes)*

**Session Classification:** Polarization Modulator

Contribution ID: **30**

Type: **not specified**

## **Rotation mechanism**

*Tuesday 24 January 2017 09:45 (25 minutes)*

**Presenter:** Dr SAKURAI, Yuki

**Session Classification:** Polarization Modulator

Contribution ID: **31**

Type: **not specified**

## **Development for PB2**

*Tuesday 24 January 2017 10:40 (20 minutes)*

**Presenter:** Mr HILL, Charles

**Session Classification:** Polarization Modulator



Contribution ID: 32

Type: **not specified**

## Development plan and discussion

*Tuesday 24 January 2017 11:00 (30 minutes)*

**Presenter:** Prof. MATSUMURA, Tomo

**Session Classification:** Polarization Modulator

Contribution ID: 33

Type: **not specified**

## Optics baseline

*Tuesday 24 January 2017 12:30 (25 minutes)*

**Presenter:** Dr IMADA, Hiroaki

**Session Classification:** Optics

Contribution ID: 34

Type: **not specified**

## Optics Issues

*Tuesday 24 January 2017 12:55 (25 minutes)*

**Presenter:** Prof. SEKIMOTO, Yutaro

**Session Classification:** Optics

Contribution ID: 35

Type: **not specified**

## Open Structure

*Tuesday 24 January 2017 13:20 (25 minutes)*

**Presenter:** Dr HASEBE, Takashi

**Session Classification:** Optics

Contribution ID: **36**

Type: **not specified**

## **Cold aperture stop**

*Tuesday 24 January 2017 13:45 (25 minutes)*

**Presenter:** Prof. SEKIMOTO, Yutaro

**Session Classification:** Optics

Contribution ID: 37

Type: **not specified**

## **Towards surface shape measurements of LiteBIRD reflectors**

*Tuesday 24 January 2017 14:10 (20 minutes)*

**Presenter:** Prof. SUGAI, Hajime

**Session Classification:** Optics

Contribution ID: **38**

Type: **not specified**

**4K**

*Tuesday 24 January 2017 15:45 (20 minutes)*

**Presenter:** Dr HASEBE, Takashi (Naoj)

**Session Classification:** Cryogenics, Spacecraft

Contribution ID: 39

Type: **not specified**

## Spacecraft

*Tuesday 24 January 2017 16:05 (20 minutes)*

**Presenter:** Prof. DOTANI, Tadayasu

**Session Classification:** Cryogenics, Spacecraft



Contribution ID: 40

Type: **not specified**

## CEA

*Tuesday 24 January 2017 15:20 (25 minutes)*

**Presenter:** Prof. DUBAND, Lionel

**Session Classification:** Cryogenics, Spacecraft

Contribution ID: **41**

Type: **not specified**

**4K**

Contribution ID: 42

Type: **not specified**

## Overview and Goals (15+5)

*Monday 23 January 2017 09:05 (20 minutes)*

**Presenter:** HAZUMI, Masashi

**Session Classification:** Science and Foreground

Contribution ID: 43

Type: **not specified**

## Ground station

*Tuesday 24 January 2017 16:25 (15 minutes)*

**Presenter:** DOTANI, Tadayasu

**Session Classification:** Cryogenics, Spacecraft

Contribution ID: 44

Type: **not specified**

## H3 rocket

*Tuesday 24 January 2017 16:40 (20 minutes)*

**Presenter:** Dr TOMIDA, Hiroshi

**Session Classification:** Cryogenics, Spacecraft

Contribution ID: 45

Type: **not specified**

## **Maps on NERSC (5+5)**

*Monday 23 January 2017 10:10 (10 minutes)*

**Presenter:** Dr BORRILL, Julian

**Session Classification:** Science and Foreground

Contribution ID: 46

Type: **not specified**

## **gm100 (5, See poster)**

*Monday 23 January 2017 10:05 (5 minutes)*

**Presenter:** Prof. KOMATSU, Eiichiro

**Session Classification:** Science and Foreground

Contribution ID: 47

Type: **not specified**

## **Beam measurement for Planck**

*Tuesday 24 January 2017 14:30 (20 minutes)*

**Presenter:** Dr DUCOUT, Anne

**Session Classification:** Optics



Contribution ID: 48

Type: **not specified**

## **Delensing (5+5)**

*Monday 23 January 2017 13:10 (10 minutes)*

**Presenter:** Dr SHERWIN, Blake

**Session Classification:** Science and Foreground

Contribution ID: 49

Type: **not specified**

## **Scan strategy (5+5)**

*Monday 23 January 2017 16:25 (10 minutes)*

**Presenter:** Dr HASEBE, Takashi

**Session Classification:** Simulation and Systematics

Contribution ID: 50

Type: **not specified**

## **detector testing by subgroups**

*Wednesday 25 January 2017 12:00 (20 minutes)*

**Presenter:** Mr THOMPSON, Keith

**Session Classification:** Focal plane structure, integration, tests

Contribution ID: 51

Type: **not specified**

## Sapphire based HWP

*Tuesday 24 January 2017 09:05 (15 minutes)*

**Presenters:** Dr IMADA, Hiro (ISAS/JAXA); Dr MATSUMURA, Tomotake (IPMU)

**Session Classification:** Polarization Modulator