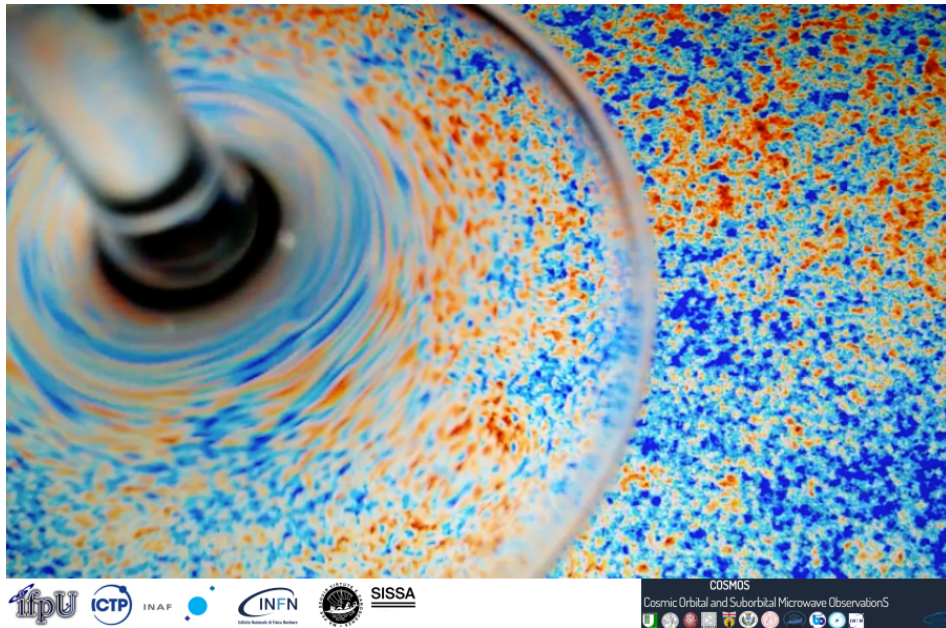


# Fundamental Physics with Future CMB Probes



## Report of Contributions

Contribution ID: 1

Type: **not specified**

# Cosmic rulers for gravitational waves

*Tuesday, October 29, 2019 11:00 AM (1 hour)*

**Presenter:** BERTACCA, Daniele

Contribution ID: 3

Type: **not specified**

## **Science forecasts by the cross-correlation of CMB and LSS future surveys**

*Thursday, October 24, 2019 2:30 PM (1 hour)*

**Presenter:** FINELLI, Fabio

Contribution ID: 4

Type: **not specified**

## **Needlet thresholding methods in component separation**

*Wednesday, October 23, 2019 4:00 PM (1 hour)*

**Presenter:** OPPIZZLI, Filippo

Contribution ID: 5

Type: **not specified**

# **Early Cosmology and Peering Inside the Past Light-Cone: two examples of constraining fundamental physics with current and future CMB observations**

*Wednesday, October 30, 2019 11:00 AM (1 hour)*

**Presenter:** JIMENEZ, Raul

Contribution ID: 6

Type: **not specified**

# Analysis and Computational Challenges for Future CMB Experiments

*Monday, October 28, 2019 11:00 AM (1 hour)*

**Presenter:** STOMPOR, Radek

Contribution ID: 7

Type: **not specified**

## **Constraints on anisotropic birefringence from Planck 2018 data**

*Thursday, October 24, 2019 4:00 PM (1 hour)*

**Presenter:** GRUPPUSO, Alessandro

Contribution ID: 8

Type: **not specified**

## Primordial magnetic fields with the CMB

*Tuesday, October 29, 2019 4:00 PM (1 hour)*

based on <https://arxiv.org/abs/1910.07456>

**Presenter:** PAOLETTI, Daniela



Contribution ID: 9

Type: **not specified**

## **Sourced Gravitational Waves at CMB and at interferometer scales**

*Tuesday, October 22, 2019 4:00 PM (1 hour)*

**Presenter:** PELOSO , Marco

Contribution ID: **10**

Type: **not specified**

## **Analytic take on modeling CMB Lensing Auto and Cross Correlations**

*Wednesday, October 30, 2019 4:00 PM (1 hour)*

**Presenter:** VLAH, Zvonimir

Contribution ID: 11

Type: **not specified**

## **Data analysis for future satellite missions, lessons learned from Planck**

**Presenter:** PATANCHON, Guillaume

Contribution ID: 12

Type: **not specified**

## **Planck 2018 primordial NG results and future prospects**

*Thursday, October 24, 2019 11:00 AM (1 hour)*

**Presenter:** LIGUORI, Michele

Contribution ID: 13

Type: **not specified**

# **Galactic Synchrotron Emission: a Contaminating Foreground and a Tool for Cosmic-Ray and Magnetic Field Studies**

*Monday, October 28, 2019 3:00 PM (1 hour)*

**Presenter:** ORLANDO, Elena

Contribution ID: 14

Type: **not specified**

## **LiteBIRD and development of superconducting detectors**

*Wednesday, October 30, 2019 2:00 PM (1 hour)*

**Presenter:** ISHINO, Hirokazu