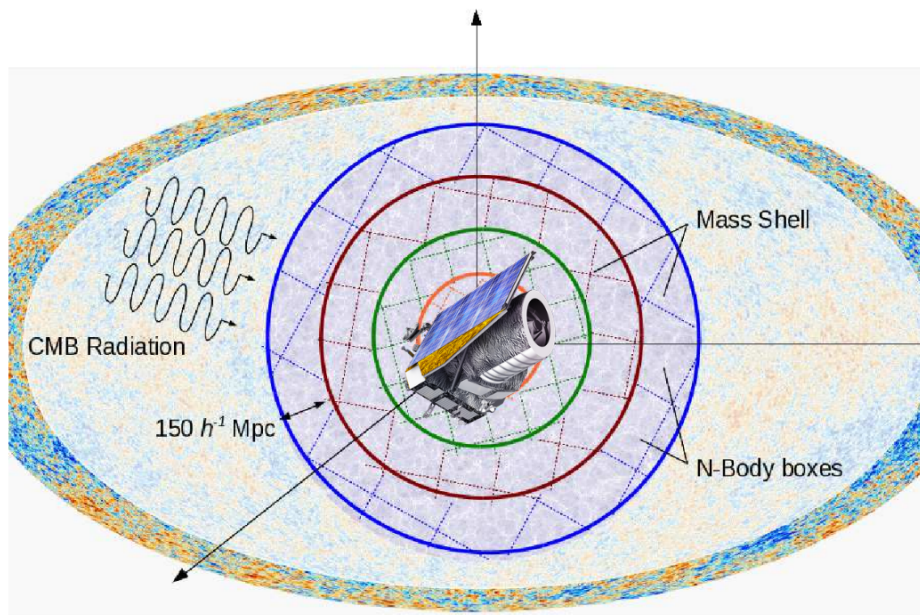


# Euclid CMBXC WG Meeting, March 18th, 19th, 2024 in Nice, France



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## Needlet based ISW estimator

30 minutes + 10 minutes of Questions & Discussions

**Presenter:** ET AL., De Carlo

**Session Classification:** Likelihood

Contribution ID: 2

Type: **not specified**

## **PCL and QML ISW estimators**

30 minutes + 10 minutes of Questions & Discussion

**Presenter:** ET AL., Migliaccio, Gruppuso, Cuozzo

**Session Classification:** Likelihood

Contribution ID: 3

Type: **not specified**

## Status of KP3 paper

10 minutes + 10 minutes of Questions & Discussion

**Presenter:** TEAM, Estimators Development

**Session Classification:** Extended Forecasts

Contribution ID: 4

Type: **not specified**

## Voids x CMB Lensing Standard Project

20 minutes, Questions & Discussions in the Discussion Session.

**Presenter:** ET AL., Kovacs, Vielzeuf

**Session Classification:** Extended Forecasts

Contribution ID: 5

Type: **not specified**

## ARF Standard Project

20 minutes, Questions & Discussions in the Discussion Session.

**Presenter:** ET AL., Hernandez Montegudo

**Session Classification:** Forecasts

Contribution ID: 6

Type: **not specified**

## Title TBD

20 minutes.

**Presenter:** ET AL., Finelli

**Session Classification:** Forecasts

Contribution ID: 7

Type: **not specified**

## Title TBD

20 minutes.

**Presenter:** ET AL., Bermejo

**Session Classification:** Forecasts



Contribution ID: **8**

Type: **not specified**

## **Title TBD**

20 minutes.

**Presenter:** ET AL., Kou, Beauchamps

**Session Classification:** Forecasts

Contribution ID: 9

Type: **not specified**

## Title TBD

20 minutes.

**Presenter:** ET AL., Ferrari

**Session Classification:** Forecasts

Contribution ID: **10**

Type: **not specified**

## **Title TBD**

20 minutes.

**Presenter:** ET AL., Ferrari

**Session Classification:** Forecasts

Contribution ID: **11**

Type: **not specified**

## **Title TBD**

20 minutes.

**Presenter:** ET AL., Frittoli

**Session Classification:** Forecasts

Contribution ID: 12

Type: **not specified**

## Status of the ISW likelihood

**Presenter:** ET AL., Arcari

**Session Classification:** Simulations

Contribution ID: 13

Type: **not specified**

## Status of the CMB lensing likelihood

**Presenter:** ET AL., Legrand, Kou, Ferrari

**Session Classification:** Simulations

Contribution ID: 14

Type: **not specified**

## **Status of the CMBX Likelihood in CLOE**

**Presenter:** ET AL., Legrand, Kou, Ferrari

**Session Classification:** Estimators

Contribution ID: 15

Type: **not specified**

## What comes next?

**Session Classification:** Estimators



Contribution ID: 16

Type: **not specified**

**Topics: add SSC, pros and cons of Flask vs GLASS,  
synchronization with IST:NL**

**Session Classification:** Simulations

Contribution ID: 17

Type: **not specified**

## **Status of CMBXC KP 2.2**

**Session Classification:** Simulations

Contribution ID: **18**

Type: **not specified**

## Status of Simulations & Covariances

**Presenter:** ET AL., Calabrese, Ferrari, Haridasu, Vielzeuf,

**Session Classification:** Simulations

Contribution ID: **19**

Type: **not specified**

## **Independent simple CMBX likelihood**

*Monday, March 18, 2024 2:15 PM (15 minutes)*

**Presenter:** LEGRAND, LEMBO ET AL.

**Session Classification:** Likelihood

Contribution ID: 20

Type: **not specified**

## Status of the CMB lensing likelihood

**Presenter:** ET AL., Legrand, Kou, Ferrari

**Session Classification:** Simulations

Contribution ID: 21

Type: **not specified**

## Updates on the CMBX likelihood merge in CLOE

*Monday, March 18, 2024 2:00 PM (15 minutes)*

**Presenter:** LEGRAND, LEMBO

**Session Classification:** Likelihood

Contribution ID: 22

Type: **not specified**

## **updates on CLOE**

*Monday, March 18, 2024 2:30 PM (30 minutes)*

**Presenter:** V. CARBONE ET AL.

**Session Classification:** Likelihood

Contribution ID: 23

Type: **not specified**

## **Updates on Paper, Numerical Covariance, Input Cls for 13 Bins, 3x2pt, DEMNuni Covariance Measurements for Flask**

*Monday, March 18, 2024 9:30 AM (15 minutes)*

**Presenter:** CALABRESE ET AL.

**Session Classification:** Simulations



Contribution ID: 24

Type: **not specified**

## Covariance Reconstruction versus Theory

*Monday, March 18, 2024 10:20 AM (10 minutes)*

**Presenter:** HARIDASU ET AL.

**Session Classification:** Simulations

Contribution ID: 25

Type: **not specified**

## **KP-CMBX-3 “ISW-GC Cross-Correlation”: Status and next-steps**

*Monday, March 18, 2024 11:00 AM (15 minutes)*

**Presenter:** MARINA MIGLIACCIO ET AL.

**Session Classification:** Estimators

Contribution ID: 26

Type: **not specified**

## **Towards Tomography: Pseudo-Cl, Needlet Estimators, Cross-Correlation Functions**

*Monday, March 18, 2024 11:15 AM (15 minutes)*

M. Migliaccio et al.: Pseudo-Cl

B. De Caro et al.: Needlet estimator

C. Hernández-Monteagudo: Cross-correlation Function

**Presenter:** MARINA MIGLIACCIO, BIANCA DE CARO, CARLOS HERNANDEZ-MONTEAGUDO

**Session Classification:** Estimators

Contribution ID: 27

Type: **not specified**

## Updates on Forecasts

*Monday, March 18, 2024 3:30 PM (30 minutes)*

**Presenter:** BALLARDINI, BENEVENTO, BERMEJO, FERRARI, FINELLI ET AL.

**Session Classification:** Extended Forecasts

Contribution ID: **28**

Type: **not specified**

## **Paper**

*Monday, March 18, 2024 4:00 PM (30 minutes)*

**Presenter:** EXTENDED FORECASTS TEAM

**Session Classification:** Extended Forecasts

Contribution ID: 29

Type: **not specified**

## **Update on DR1 Scans, Schedule, Data Access**

*Tuesday, March 19, 2024 9:30 AM (30 minutes)*

**Presenter:** TBD

**Session Classification:** Urgent Actions and Preparation of Next Meetings

Contribution ID: **30**

Type: **not specified**

## **Discussion on DR1 Forecasts**

*Tuesday, March 19, 2024 10:00 AM (30 minutes)*

**Presenter:** FORECASTS TEAM

**Session Classification:** Urgent Actions and Preparation of Next Meetings

Contribution ID: **31**

Type: **not specified**

## **Discussion on Forecasts for DR1**

*Tuesday, March 19, 2024 11:00 AM (30 minutes)*

**Presenter:** FORECASTS TEAM

**Session Classification:** Urgent Actions and Preparation of Next Meetings



Contribution ID: 32

Type: **not specified**

## Discussion on Preparing Simulations for DR1

*Tuesday, March 19, 2024 11:30 AM (30 minutes)*

**Presenter:** SIMULATIONS & COVARIANCE TEAM

**Session Classification:** Urgent Actions and Preparation of Next Meetings

Contribution ID: 33

Type: **not specified**

## **Discussion on Preparing Estimators & Likelihood Analysis for DR1**

*Tuesday, March 19, 2024 12:00 PM (30 minutes)*

**Presenter:** ESTIMATORS & LIKELIHOOD TEAM

**Session Classification:** Urgent Actions and Preparation of Next Meetings

Contribution ID: 34

Type: **not specified**

## **CMB DataSets & MoUs for CMBXC**

*Tuesday, March 19, 2024 2:30 PM (30 minutes)*

**Session Classification:** Urgent Actions and Preparation of Next Meetings

Contribution ID: 35

Type: **not specified**

## **CMB DataSets & MoUs for Clusters & Other Groups**

*Tuesday, March 19, 2024 3:00 PM (30 minutes)*

**Session Classification:** Urgent Actions and Preparation of Next Meetings

Contribution ID: **36**

Type: **not specified**

## **Implementation**

**Session Classification:** Urgent Actions and Preparation of Next Meetings

Contribution ID: 37

Type: **not specified**

## Update on Likelihood tests

*Monday, March 18, 2024 11:30 AM (15 minutes)*

**Presenter:** MARGHERITA LEMBO ET AL.

**Session Classification:** Estimators

Contribution ID: **38**

Type: **not specified**

## Flask and Theoretical Covariance

*Monday, March 18, 2024 9:45 AM (10 minutes)*

**Presenter:** VIELZEUF ET AL.

**Session Classification:** Simulations

Contribution ID: 39

Type: **not specified**

## **ISWRS and Non-Linear Cross-Correlation**

*Monday, March 18, 2024 9:55 AM (25 minutes)*

**Presenter:** CUOZZO ET AL.

**Session Classification:** Simulations



Contribution ID: 40

Type: **not specified**

## **Discussion on Preparing Estimators & Likelihood Analysis for DR1**

*Tuesday, March 19, 2024 2:00 PM (30 minutes)*

**Presenter:** ESTIMATORS & LIKELIHOOD TEAM

**Session Classification:** Urgent Actions and Preparation of Next Meetings

Contribution ID: 41

Type: **not specified**

## **Cross-correlations with the Euclid AGN sample**

*Monday, March 18, 2024 11:45 AM (15 minutes)*

**Presenter:** GIULIA PICCIRILLI ET AL.

**Session Classification:** Estimators