

# CUBES F2F Science Meeting



## Report of Contributions

Contribution ID: 4

Type: **not specified**

## Introduction

*Wednesday, January 17, 2024 9:30 AM (20 minutes)*

**Presenter:** COVINO, Stefano

**Session Classification:** Session 1: Technical contributions (Chair: Ryan Cooke)

Contribution ID: 5

Type: **not specified**

## **System update (On-line presentation)**

*Wednesday, January 17, 2024 9:50 AM (20 minutes)*

**Presenter:** GENONI, Matteo

**Session Classification:** Session 1: Technical contributions (Chair: Ryan Cooke)

Contribution ID: 6

Type: **not specified**

## **Visible and NIR at ESO: an update**

*Wednesday, January 17, 2024 10:10 AM (40 minutes)*

**Presenter:** PASQUINI, Luca

**Session Classification:** Session 1: Technical contributions (Chair: Ryan Cooke)

Contribution ID: 7

Type: **not specified**

## **CUBES data reduction software**

*Wednesday, January 17, 2024 11:30 AM (1 hour)*

**Presenter:** GIORGIO CALDERONE, Guido Cupani /

**Session Classification:** Session 1: Technical contributions (Chair: Ryan Cooke)

Contribution ID: 8

Type: **not specified**

## **S1: Cometary Science with CUBES**

*Wednesday, January 17, 2024 2:00 PM (20 minutes)*

**Presenter:** LA FORGIA, Fiorangela

**Session Classification:** Session 2: Solar system contributions (Chair: Gabriele Cescutti)

Contribution ID: 9

Type: **not specified**

## **S2: Exospheres and icy surfaces of outer Solar System bodies observed with CUBES**

*Wednesday, January 17, 2024 2:20 PM (20 minutes)*

**Presenter:** MIGLIORINI (SPEAKER: FIORANGELA LA FORGIA), Alessandra

**Session Classification:** Session 2: Solar system contributions (Chair: Gabriele Cescutti)

Contribution ID: **10**

Type: **not specified**

## **Discussion: Solar System cases**

*Wednesday, January 17, 2024 2:40 PM (20 minutes)*

**Session Classification:** Session 2: Solar system contributions (Chair: Gabriele Cescutti)



Contribution ID: 11

Type: **not specified**

## **E1: Primordial Deuterium abundance**

*Wednesday, January 17, 2024 3:00 PM (20 minutes)*

**Presenter:** COOKE, Ryan

**Session Classification:** Session 3: Extragalactic contributions (Chair: Gabriele Cescutti)

Contribution ID: 12

Type: **not specified**

## **E2: Missing baryons (On-line presentation)**

**Presenter:** D'ODORICO, Valentina

**Session Classification:** Session 3: Extragalactic contributions (Chair: Gabriele Cescutti)

Contribution ID: 13

Type: **not specified**

## **E3: Cold gas at high redshift**

*Wednesday, January 17, 2024 4:00 PM (20 minutes)*

**Presenter:** NOTERDAEME, Pasquier

**Session Classification:** Session 3: Extragalactic contributions (Chair: Gabriele Cescutti)

Contribution ID: 14

Type: **not specified**

## **E4: Escape fraction of AGN**

*Wednesday, January 17, 2024 4:20 PM (20 minutes)*

**Presenter:** GRAZIAN, Andrea

**Session Classification:** Session 3: Extragalactic contributions (Chair: Gabriele Cescutti)

Contribution ID: 15

Type: **not specified**

## **E5 (additional): Dark Matter Candidates in the low redshift Lyman forest**

*Wednesday, January 17, 2024 4:40 PM (20 minutes)*

**Presenter:** TROST, Andrea

**Session Classification:** Session 3: Extragalactic contributions (Chair: Gabriele Cescutti)

Contribution ID: 16

Type: **not specified**

## **G1: Accretion, winds & outflows in YSOs**

*Thursday, January 18, 2024 10:10 AM (20 minutes)*

**Presenter:** ALCALA, Juan Manuel

**Session Classification:** Session 4: Galactic contributions (Chair: Cyrielle Opitom)

Contribution ID: 17

Type: **not specified**

## **G2: Exo-planet composition**

*Thursday, January 18, 2024 10:30 AM (20 minutes)*

**Presenter:** FUSILLO, Gentile

**Session Classification:** Session 4: Galactic contributions (Chair: Cyrielle Opitom)

Contribution ID: **18**

Type: **not specified**

## **G3: Stellar Astrophysics & Exoplanets**

**Presenter:** CARTER ?

**Session Classification:** Session 4: Galactic contributions (Chair: Cyrielle Opitom)



Contribution ID: 19

Type: **not specified**

## **G4: Beryllium and CUBES**

*Thursday, January 18, 2024 11:30 AM (20 minutes)*

**Presenter:** SMILJANIC, Rodolfo

**Session Classification:** Session 4: Galactic contributions (Chair: Cyrielle Opitom)

Contribution ID: 20

Type: **not specified**

## **G5 Lithium production in novae**

*Thursday, January 18, 2024 9:30 AM (20 minutes)*

**Presenter:** IZZO, Luca

**Session Classification:** Session 4: Galactic contributions (Chair: Cyrielle Opitom)

Contribution ID: 21

Type: **not specified**

# Unveiling Exoplanetary Atmospheres using Transmission Spectroscopy with CUBES

*Thursday, January 18, 2024 9:50 AM (20 minutes)*

**Presenter:** TRIFONOV, Trifon

**Session Classification:** Session 4: Galactic contributions (Chair: Cyrielle Opitom)

Contribution ID: 22

Type: **not specified**

## **Discussion (simultaneous/parallel observations with other facilities, dissemination)**

*Thursday, January 18, 2024 2:00 PM (40 minutes)*

**Session Classification:** Galactic contributions (continue) (Chair: Luca Izzo)

Contribution ID: 23

Type: **not specified**

## **G6: Metal-poor stars & light elements**

*Thursday, January 18, 2024 2:40 PM (20 minutes)*

**Presenter:** GABRIELLE CESCUTTI, Sofia Randich /

**Session Classification:** Galactic contributions (continue) (Chair: Luca Izzo)

Contribution ID: 24

Type: **not specified**

## **G7: Neutron-capture elements**

*Thursday, January 18, 2024 3:00 PM (20 minutes)*

**Presenter:** ERNANDES, Heitor

**Session Classification:** Galactic contributions (continue) (Chair: Luca Izzo)

Contribution ID: 25

Type: **not specified**

## **G8: Precise metallicities of metal-poor pulsators**

*Thursday, January 18, 2024 4:00 PM (20 minutes)*

**Presenter:** MARCONI, Marcella

**Session Classification:** Galactic contributions (continue) (Chair: Luca Izzo)

Contribution ID: 26

Type: **not specified**

## **G9: Horizontal Branch stars in Galactic GCs**

*Thursday, January 18, 2024 4:20 PM (20 minutes)*

**Presenter:** CARINI, Roberta

**Session Classification:** Galactic contributions (continue) (Chair: Luca Izzo)



Contribution ID: 27

Type: **not specified**

## **G10: Early-type companions in binary Cepheids**

**Presenter:** PILECKI ?

**Session Classification:** Galactic contributions (continue) (Chair: Luca Izzo)

Contribution ID: 28

Type: **not specified**

## 4MOST

*Thursday, January 18, 2024 4:40 PM (20 minutes)*

**Presenter:** TRAVEN, Gregor

**Session Classification:** Galactic contributions (continue) (Chair: Luca Izzo)

Contribution ID: 29

Type: **not specified**

## **Status of the project (On-line presentation)**

*Friday, January 19, 2024 11:30 AM (20 minutes)*

**Presenter:** CIRAMI, Roberto

Contribution ID: **30**

Type: **not specified**

## **Q&A + AOB**

*Friday, January 19, 2024 11:50 AM (40 minutes)*

Contribution ID: **31**

Type: **not specified**

## **Extragalactic discussion**

*Thursday, January 18, 2024 11:50 AM (40 minutes)*

**Session Classification:** Session 4: Galactic contributions (Chair: Cyrielle Opitom)