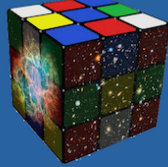


CUBES F2F Science Meeting



CUBES
Cassegrain U-Band Efficient Spectrograph
Face-to-Face Science meeting

*INAF - Osservatorio Astronomico di Capodimonte
17 - 19 January 2024*

Report of Contributions

Contribution ID: 4

Type: **not specified**

Introduction

Wednesday, 17 January 2024 09:30 (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, 17 January 2024 09:50 (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, 17 January 2024 10:10 (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, 17 January 2024 11:30 (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, 17 January 2024 14:00 (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, 17 January 2024 14:20 (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, 17 January 2024 14:40 (20 minutes)

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

Contribution ID: 11

Type: **not specified**

E1: Primordial Deuterium abundance

Wednesday, 17 January 2024 15:00 (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, 17 January 2024 16:00 (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, 17 January 2024 16:20 (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, 17 January 2024 16:40 (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, 18 January 2024 10:10 (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, 18 January 2024 10:30 (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, 18 January 2024 11:30 (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, 18 January 2024 09:30 (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, 18 January 2024 09:50 (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, 18 January 2024 14:00 (40 minutes)

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

Contribution ID: 23

Type: **not specified**

G6: Metal-poor stars & light elements

Thursday, 18 January 2024 14:40 (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, 18 January 2024 15:00 (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, 18 January 2024 16:00 (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, 18 January 2024 16:20 (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, 18 January 2024 16:40 (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, 19 January 2024 11:30 (20 minutes)

Presenter: CIRAMI, Roberto

Contribution ID: **30**

Type: **not specified**

Q&A + AOB

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

Contribution ID: 31

Type: **not specified**

Extragalactic discussion

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

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