

**CYGNO Analysis Meeting
2023, 7-8 June, University of
Coimbra, Portugal**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Status of the reconstruction code (images)

Wednesday, 7 June 2023 09:30 (15 minutes)

Presenter: DI MARCO, Emanuele (Istituto Nazionale di Fisica Nucleare)

Session Classification: LIME calibration & monitoring

Contribution ID: 2

Type: **not specified**

Derivation of response calibration and efficiency studies (images only)

Wednesday, 7 June 2023 10:00 (20 minutes)

Presenter: DI MARCO, Emanuele (Istituto Nazionale di Fisica Nucleare)

Session Classification: LIME calibration & monitoring

Contribution ID: 3

Type: **not specified**

Studies of the response stability as a function of the time and gas humidity, density and pressure

Wednesday, 7 June 2023 10:50 (20 minutes)

Presenter: ANTONIETTI, Rita (Istituto Nazionale di Fisica Nucleare)

Session Classification: LIME calibration & monitoring

Contribution ID: 4

Type: **not specified**

Results from data calibration studies

Wednesday, 7 June 2023 11:25 (10 minutes)

Presenter: CRUZ ROQUE, Rita Joana (Laboratory for Instrumentation, Biomedical Engineering and Radiation Physics)

Session Classification: LIME calibration & monitoring

Contribution ID: 5

Type: **not specified**

Workflow for reconstruction, data monitoring and simulation processing

Wednesday, 7 June 2023 11:50 (20 minutes)

Presenter: ABRITTA COSTA, Igor (Università degli Studi Roma Tre)

Session Classification: LIME calibration & monitoring

Contribution ID: 6

Type: **not specified**

Event rate

Wednesday, 7 June 2023 14:00 (20 minutes)

Presenter: PIACENTINI, Stefano (Istituto Nazionale di Fisica Nucleare)

Session Classification: LIME calibration & monitoring

Contribution ID: 7

Type: **not specified**

Energy spectra of ambient radioactivity

Wednesday, 7 June 2023 14:35 (20 minutes)

Presenter: DI GIAMBATTISTA, Flaminia (Istituto Nazionale di Fisica Nucleare)

Session Classification: Data characterisation and comparison with simulations

Contribution ID: 8

Type: **not specified**

Status of data-MC comparison

Wednesday, 7 June 2023 15:10 (20 minutes)

Presenter: D'IMPERIO, Giulia (Istituto Nazionale di Fisica Nucleare)

Session Classification: Data characterisation and comparison with simulations

Contribution ID: 9

Type: **not specified**

Low energy electron recoils

Wednesday, 7 June 2023 15:45 (20 minutes)

Presenter: TORELLI, Samuele (Istituto Nazionale di Fisica Nucleare)

Session Classification: Data characterisation and comparison with simulations

Contribution ID: **10**

Type: **not specified**

Low energy electron / nuclear recoils discrimination

Wednesday, 7 June 2023 16:35 (20 minutes)

Presenter: Mr PRAJAPATI, Atul (Istituto Nazionale di Fisica Nucleare)

Session Classification: Data characterisation and comparison with simulations

Contribution ID: 11

Type: **not specified**

Noise studies and modeling

Wednesday, 7 June 2023 17:10 (20 minutes)

Presenters: ANTUNES NOBREGA, Rafael (RM1); NOBREGA, Rafael Antunes

Session Classification: Data characterisation and comparison with simulations

Contribution ID: 12

Type: **not specified**

Optical distortions, corrections

Wednesday, 7 June 2023 17:45 (20 minutes)

Presenter: PINCI, Davide (Istituto Nazionale di Fisica Nucleare)

Session Classification: Data characterisation and comparison with simulations

Contribution ID: 13

Type: **not specified**

PMTs: Status of reconstruction code , z estimate

Thursday, 8 June 2023 08:30 (20 minutes)

Presenters: BORRA, Francesco (Sapienza Università di Roma, INFN Roma1); FOLCARELLI, Matteo (Istituto Nazionale di Fisica Nucleare)

Session Classification: PMT analysis

Contribution ID: 14

Type: **not specified**

PMTs: Studies of the main variable distributions

Thursday, 8 June 2023 09:15 (20 minutes)

Presenter: GASPAR MARQUES, David José (Istituto Nazionale di Fisica Nucleare)

Session Classification: PMT analysis

Contribution ID: 15

Type: **not specified**

Ideas, plans and considerations on 3D reconstruction

Thursday, 8 June 2023 10:00 (20 minutes)

Presenter: MESSINA, Andrea (Istituto Nazionale di Fisica Nucleare)

Session Classification: PMT analysis