

CYGNO Collaboration Meeting 2024



Report of Contributions

Contribution ID: 1

Type: **not specified**

Conclusion and discussion on future plans

Friday, 29 November 2024 11:00 (2 hours)

Contribution ID: 2

Type: **not specified**

Update from LNF (GIN and GEMs)

Thursday, 28 November 2024 09:00 (30 minutes)

Presenter: DHO, Giorgio (Istituto Nazionale di Fisica Nucleare)

Session Classification: WP4 - Design and Construction

Contribution ID: 3

Type: **not specified**

LIME status

Wednesday, 27 November 2024 14:15 (20 minutes)

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

Session Classification: WP1

Contribution ID: 4

Type: **not specified**

Early LIME DM limit

Wednesday, 27 November 2024 14:35 (20 minutes)

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

Session Classification: WP1

Contribution ID: 5

Type: **not specified**

Neutrino physics case

Wednesday, 27 November 2024 14:55 (25 minutes)

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

Session Classification: WP1

Contribution ID: 6

Type: **not specified**

Negative Ion Drift update

Wednesday, 27 November 2024 15:20 (30 minutes)

Presenter: BARACCHINI, Elisabetta (Istituto Nazionale di Fisica Nucleare)

Session Classification: WP1

Contribution ID: 7

Type: **not specified**

Status of Analysis

Thursday, 28 November 2024 14:30 (20 minutes)

Presenter: DHO, Giorgio (Istituto Nazionale di Fisica Nucleare)

Session Classification: WP2 - Analysis

Contribution ID: 8

Type: **not specified**

Cloud operation status

Thursday, 28 November 2024 14:50 (20 minutes)

Presenter: ABRITTA COSTA, Igor (Laboratori Nazionali di Frascati)

Session Classification: WP2 - Analysis

Contribution ID: 9

Type: **not specified**

Status of Reco

Thursday, 28 November 2024 15:10 (20 minutes)

Presenter: DHO, Giorgio (Istituto Nazionale di Fisica Nucleare)

Session Classification: WP2 - Analysis

Contribution ID: **10**

Type: **not specified**

Run3 and Run4 data analysis

Thursday, 28 November 2024 15:30 (25 minutes)

Presenter: PASSOS MANO, Rui Daniel

Session Classification: WP2 - Analysis

Contribution ID: 11

Type: **not specified**

3D reconstruction

Thursday, 28 November 2024 16:20 (30 minutes)

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

Session Classification: WP2 - Analysis

Contribution ID: 12

Type: **not specified**

AmBe results

Thursday, 28 November 2024 15:55 (25 minutes)

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

Session Classification: WP2 - Analysis

Contribution ID: 13

Type: **not specified**

Run4 Lowgain analysis

Thursday, 28 November 2024 16:50 (20 minutes)

Presenter: SILVA, Pedro (Universidade de Coimbra)

Session Classification: WP2 - Analysis

Contribution ID: 14

Type: **not specified**

Saturation measurements and theory

Thursday, 28 November 2024 17:10 (25 minutes)

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

Session Classification: WP2 - Analysis

Contribution ID: 15

Type: **not specified**

Machine learning for pixel selection

Thursday, 28 November 2024 17:35 (25 minutes)

Presenter: LOPES, Guilherme

Session Classification: WP2 - Analysis

Contribution ID: 16

Type: **not specified**

Machine learning for track analysis

Thursday, 28 November 2024 18:00 (20 minutes)

Session Classification: WP2 - Analysis

Contribution ID: 17

Type: **not specified**

Welcome address

Wednesday, 27 November 2024 14:00 (10 minutes)

Presenter: RENGA, Francesco (Istituto Nazionale di Fisica Nucleare)

Session Classification: Welcome session

Contribution ID: **18**

Type: **not specified**

Institutional greetings

Wednesday, 27 November 2024 14:10 (5 minutes)

Session Classification: Welcome session

Contribution ID: **19**

Type: **not specified**

CYGNO-04 Monte Carlo

Wednesday, 27 November 2024 16:30 (20 minutes)

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

Session Classification: WP3 - Simulation

Contribution ID: **20**

Type: **not specified**

CYGNO-04 background

Wednesday, 27 November 2024 16:50 (25 minutes)

Presenter: D'ASTOLFO, Melba (Istituto Nazionale di Fisica Nucleare)

Session Classification: WP3 - Simulation

Contribution ID: 21

Type: **not specified**

Detector simulation and digitization

Wednesday, 27 November 2024 17:15 (25 minutes)

Presenter: MELONI, Pietro (Istituto Nazionale di Fisica Nucleare)

Session Classification: WP3 - Simulation

Contribution ID: 22

Type: **not specified**

PMT simulation

Wednesday, 27 November 2024 17:40 (25 minutes)

Presenter: GOMES MATTOSINHOS DE CARVALHO, Luan

Session Classification: WP3 - Simulation