

CYGNO Joint WPs meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction and context

Tuesday, 17 June 2025 14:30 (15 minutes)

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

Contribution ID: 2

Type: **not specified**

LIME underground campaign recap

Tuesday, 17 June 2025 14:45 (20 minutes)

Presenter: PIACENTINI, Stefano (GSSI and INFN LNGS)

Contribution ID: 6

Type: **not specified**

WP1 analysis recap

Tuesday, 17 June 2025 15:05 (30 minutes)

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

Contribution ID: 9

Type: **not specified**

Analysis tools discussion

Tuesday, 17 June 2025 18:50 (5h 10m)

Contribution ID: **10**

Type: **not specified**

WP2 simulation recap

Wednesday, 18 June 2025 11:30 (30 minutes)

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

Contribution ID: **11**

Type: **not specified**

Fe55 calibration simulation

Wednesday, 18 June 2025 12:00 (20 minutes)

Presenter: ISLAM, Zahoor Ul (Gran Sasso Science Institute/ INFN)

Contribution ID: **12**

Type: **not specified**

WP2 simulation discussion

Wednesday, 18 June 2025 12:20 (20 minutes)

Contribution ID: **13**

Type: **not specified**

CYGNO-04 discussion

Wednesday, 18 June 2025 15:10 (30 minutes)

Contribution ID: 14

Type: **not specified**

New physics cases opportunities with LIME and CYGNO-04

Wednesday, 18 June 2025 11:00 (30 minutes)

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

Contribution ID: **16**

Type: **not specified**

The Radon issue: Bi210 + RPRs nuclear recoils

Tuesday, 17 June 2025 15:55 (20 minutes)

Presenter: MONNO, Vito (Istituto Nazionale di Fisica Nucleare)

Session Classification: The Radon issue

Contribution ID: 17

Type: **not specified**

Geant4 simulation of Rn222 contribution to low energy spectrum

Tuesday, 17 June 2025 16:15 (20 minutes)

Presenter: VAVALÀ, Federico (Istituto Nazionale di Fisica Nucleare)

Session Classification: The Radon issue

Contribution ID: **18**

Type: **not specified**

Radon discussion

Tuesday, 17 June 2025 16:35 (20 minutes)

Session Classification: The Radon issue

Contribution ID: **19**

Type: **not specified**

Fiducialization: Z fiducialization via ML techniques from GIN data with muon

Tuesday, 17 June 2025 17:50 (20 minutes)

Presenter: SCAMPORLINO, Federico Francesco

Session Classification: Fiducialization

Contribution ID: 20

Type: **not specified**

Run5 calibration and data quality

Tuesday, 17 June 2025 17:15 (20 minutes)

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

Session Classification: Run5 calibration and data quality

Contribution ID: 21

Type: **not specified**

Background rejection and particle identification

Tuesday, 17 June 2025 18:10 (20 minutes)

Presenter: OPPEDISANO, Giuseppe Maria (Istituto Nazionale di Fisica Nucleare)

Session Classification: Background rejection and particle identification

Contribution ID: 22

Type: **not specified**

Background rejection and particle identification

Tuesday, 17 June 2025 18:30 (20 minutes)

Presenter: GOMES MATTOSINHOS DE CARVALHO, Luan

Session Classification: Background rejection and particle identification