

Session Program

1-5 Jun 2026



Identification of Dark Matter 2026

Parallel Session - Direct Detection

Paraninfo, University of Zaragoza

Monday 1 June

11:30

Parallel Session - Direct Detection

Session | **Location:** Aula Magna | **Convener:** Claudia Tomei

11:30–11:50 **Commissioning and design of the CYGNO-04 directional detector at LNGS**

Speaker

Stefano Piacentini

11:50–12:10

NEWAGE: low background underground experiment for direction-sensitive dark matter search

Speaker

Satoshi Higashino

12:10–12:30

Dark matter detection with atom interferometers

Speaker

Elias Lopez Asamar

12:30–12:50

The Scintillating Bubble Chamber Experiment

Speaker

Ben Broerman

12:50–13:10

Exploring Rare Event Searches with the LEGEND experiment: From Onbb to Dark Matter

Speaker

Valentina Biancacci

13:30

15:00

Parallel Session - Direct Detection

Session | **Location:** Aula Magna | **Convener:** Maria Martinez

15:00–15:20

ANAIS–112: Towards Completing the Model-Independent Test of the DAMA/LIBRA Signal

Speaker

Iván Coarasa Casas

15:20–15:40

Overview and Prospects of COSINE-100U: Upgrade NaI(Tl) Dark Matter Search in Yemilab

Speaker

Gyunho Yu

15:40–16:00

The SABRE experiment: status and prospects

Speaker

Claudia Tomei

16:00–16:20

The SABRE South Experiment at the Stawell Underground Physics Laboratory

Speaker

Leonie Einfalt

16:20–16:40

WIMP search results from the full six-year COSINE-100 dataset**Speaker**

Jinyoung Kim

Parallel Session - Direct Detection**Session** | **Location:** Aula Magna | **Convener:** Belina von Krosigk

17:10–17:30

The COSINUS Experiment at LNGS - Commissioning and Start of the first Phase**Speaker**

Mariano Cababie

17:30–17:50

High pileup event reconstruction and single photon statistics in cryogenic scintillating calorimeters**Speaker**

Philipp Schreiner

17:50–18:10

Probing dark matter interactions with a RES-NOVA prototype cryogenic detector**Speaker**

andrea melchiorre

18:10–18:30

Preparing for First Science: Commissioning and Outlook of SuperCDMS SNOLAB**Speaker**

Dr Aditi Pradeep

Tuesday 2 June

11:30

Parallel Session - Direct Detection

Session | **Location:** Aula Magna | **Convener:** Roberto Santorelli

11:30–11:50 Latest results of the PandaX-4T experiment

Speaker

Xiaopeng Zhou

11:50–12:10 DEAP-3600 updates: new physics results and prospects for exotic DM searches

Speaker

Guillermo Vera Díaz

12:10–12:30 New Dark Matter search results from XENONnT with combined science runs

Speaker

maxime pierre

12:30–12:50 Recent results from the LUX-ZEPLIN (LZ) experiment

Speaker

Alberto Uson

12:50–13:10 Status of the DarkSide-20k experiment

Speaker

Vicente Pesudo Fortes

13:10–13:30

PandaX-20T: the next generation xenon detector for dark matter and neutrino searches

Speaker

Xiang Xiao

13:30

15:00

Parallel Session - Direct Detection

Session | **Location:** Aula Magna | **Convener:** David Cerdeño

15:00–15:20 The Underground Argon program of the Global Argon Dark Matter Collaboration

Speaker

Daniel Díaz Mairena

15:20–15:40 Constraining Environmental Backgrounds for Rare Event Searches with LZ

Speaker

Ellie Bishop

15:40–16:00 XLZD – the next generation of dark matter search

Speaker

Adam Softley-Brown

16:00–16:20

Cryogenic SiPM readout of a NaI(Tl) dark matter detectors within the ASTAROTH project

Speaker

Davide D'Angelo

16:20–16:40

The ANAIS+ project: development of scintillation detectors in the 100K temperature range for dark matter searches

Speaker

Jaime Apilluelo Allué

16:40