

Session Program

7-10 Apr 2026



DRD Calo Collaboration Meeting at CERN

WG1 Plenary

CERN, 500/1-001 - Main Auditorium
Auditorium for plenaries. For parallels see programme of April 7th

Thursday 9 April

13:20

WG1 Plenary: Session I [start time postponed to 13:45!]

Session |

Location: CERN, 500/1-001 - Main Auditorium, Auditorium for plenaries. For parallels see programme of April 7th |

Conveners: Lorenzo Pezzotti, Brieuc Francois

13:20-13:30

Introduction

Speakers

Brieuc Francois, Lorenzo Pezzotti

13:30-13:50

High-granularity Calorimeter Simulation for the SHiP Experiment

Speakers

Jesus Pedro Marquez Hernandez, Jesús Márquez Hernández

13:50-14:10

Simulation of the GRAiNITA demonstrator [remote]

Speakers

Denys Klekots, Denys Klekots

14:10-14:30

Pulse Shape Discrimination in GRAiNITA as a Novel Dual-Readout Method

Speaker

Mykhailo Yeresko

14:30-14:50

ML-Based Optimization of SiW-ECAL in terms of Photon Energy Response

Speakers

Yukun Shi, Yukun Shi

14:50-15:05

Bilevel Detector Optimization Framework

Speaker

Wonyong Chung

15:20

Friday 10 April

10:30

WG1 Plenary: Session II

Session |

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Conveners: Lorenzo Pezzotti, Brieuc Francois

10:30-10:48

CNN-Based Hadron Energy Regression for the ILD SiW-ECAL AHCAL System

Speakers

Xin XIA, Xin Xia, Xin Xia

10:48-11:06

Machine Learning Based Particle Flow

Speaker

Lena Maria Herrmann

11:06-11:24

The Lorenzetti shower framework

Speaker

Jonh Brian Lemos

11:24-11:42

AI/ML approach to Calorimeter Design

Speaker

Andy White

11:42-12:00

Alignment of telescope and calorimeter granular sensors using combinatorial Hough Transform algorithm

Speaker

Michal Elad

12:00