

DRD6 Collaboration Meeting at CERN



Report of Contributions

Contribution ID: 1

Type: **not specified**

Collaboration Board Meeting

Thursday 31 October 2024 16:15 (1h 30m)

Presenters: FERRARI, Roberto; FERRARI, Roberto (INFN Pavia (IT))

Contribution ID: 2

Type: **not specified**

Collaboration Dinner

Thursday 31 October 2024 19:00 (3 hours)

CERN R1

Contribution ID: 3

Type: **not specified**

Guest talk (tbd)

Contribution ID: 4

Type: **not specified**

Eventual remaining contributions from previous session

Friday 1 November 2024 11:00 (30 minutes)

Session Classification: Plenary

Contribution ID: 5

Type: **not specified**

Summary WP1

Friday 1 November 2024 11:30 (20 minutes)

Presenter: MASETTI, Lucia (Johannes Gutenberg Universitaet Mainz (DE))

Session Classification: Plenary

Contribution ID: 6

Type: **not specified**

Summary WP2

Friday 1 November 2024 11:50 (20 minutes)

Presenter: MARCHIORI, Giovanni (APC, CNRS/IN2P3 and Université Paris Cité)

Session Classification: Plenary

Contribution ID: 7

Type: **not specified**

Summary WP3

Friday 1 November 2024 12:10 (20 minutes)

Presenter: MLYNARIKOVA, Michaela (CERN)

Session Classification: Plenary

Contribution ID: 8

Type: **not specified**

Report from Collaboration Board

Friday 1 November 2024 12:30 (20 minutes)

Presenters: FERRARI, Roberto; FERRARI, Roberto (INFN Pavia (IT))

Session Classification: Plenary

Contribution ID: 9

Type: **not specified**

Spokerspersion's Farewell

Friday 1 November 2024 12:50 (10 minutes)

Session Classification: Plenary

Contribution ID: **10**

Type: **not specified**

Spokesperson's welcome

Wednesday 30 October 2024 14:00 (20 minutes)

Presenter: POESCHL, Roman (Université Paris-Saclay (FR))

Session Classification: Opening Plenary

Contribution ID: **11**

Type: **not specified**

Report from Technical Board

Wednesday 30 October 2024 14:30 (20 minutes)

Presenters: GAUDIO, Gabriella (Dipartimento di Fisica Nucleare e Teorica); GAUDIO, Gabriella (INFN-Pavia)

Session Classification: Opening Plenary

Contribution ID: 12

Type: **not specified**

Report from Speakers and Publication Bureau

Wednesday 30 October 2024 14:50 (20 minutes)

Presenters: OOTANI, Wataru (ICEPP, University of Tokyo); Dr OTANI, Wataru (University of Tokyo (JP))

Session Classification: Opening Plenary

Contribution ID: **13**

Type: **not specified**

Introduction

Presenters: LUCCHINI, Marco Toliman (Università & INFN, Milano-Bicocca (IT)); MLYNARIKOVA, Michaela (CERN)

Session Classification: Parallel WP3

Contribution ID: 14

Type: **not specified**

Task 3.1.1 HGCCAL

Presenter: LIU, Yong (Institute of High Energy Physics, Chinese Academy of Sciences)

Session Classification: Parallel WP3

Contribution ID: 15

Type: **not specified**

Task 3.1.2 MAXICC

Presenters: HIROSKY, Bob (University of Virginia (US)); LUCCHINI, Marco Toliman (Università & INFN, Milano-Bicocca (IT))

Session Classification: Parallel WP3

Contribution ID: **16**

Type: **not specified**

Task 3.1.3 Crilin

Presenters: DI MECO, Elisa (LNF INFN); SARRA, Ivano (INFN e Laboratori Nazionali di Frascati (IT))

Session Classification: Parallel WP3

Contribution ID: 17

Type: **not specified**

Task 3.1.4 OREO

Presenters: SELMI, Alessia (Universita & INFN, Milano-Bicocca (IT)); BANDIERA, Laura (Universita e INFN, Ferrara (IT))

Session Classification: Parallel WP3

Contribution ID: **18**

Type: **not specified**

Task 3.2.1 GRAiNITA

Presenter: HULL, Giulia (Université Paris-Saclay, CNRS/IN2P3, IJCLab)

Session Classification: Parallel WP3

Contribution ID: **19**

Type: **not specified**

Task 3.2.2 SpaCal

Presenters: PIZZICHEMI, Marco (Universita Milano-Bicocca (IT) and CERN); ROLOFF, Philipp (CERN)

Session Classification: Parallel WP3

Contribution ID: **20**

Type: **not specified**

Task 3.2.3 RADiCAL

Presenters: PEREZ LARA, Carlos Eugenio (Fermi National Accelerator Lab. (US)); Dr WETZEL, James; RUCHTI, Randy (University of Notre Dame (US))

Session Classification: Parallel WP3

Contribution ID: **21**

Type: **not specified**

Task 3.3.1 DRCal

Presenters: YOO, Hwi Dong (Yonsei University (KR)); SANTORO, Romualdo (Insubria University and INFN - MI)

Session Classification: Parallel WP3

Contribution ID: **22**

Type: **not specified**

Task 3.3.2 TileCal

Presenters: WILKENS, Henric (CERN); PEDRO, Rute (Laboratory of Instrumentation and Experimental Particle Physics (PT))

Session Classification: Parallel WP3

Contribution ID: 23

Type: **not specified**

ScintCal: Development of cost-effective glass scintillator based on barium di-silicate BaO-2SiO_2

Presenter: Dr DORMENEV, Valerii (Justus-Liebig-University Giessen)

Session Classification: Parallel WP3

Contribution ID: **24**

Type: **not specified**

Introduction

Presenters: LUCCHINI, Marco Toliman (Università & INFN, Milano-Bicocca (IT)); MLYNARIKOVA, Michaela (CERN)

Session Classification: Parallel WP3

Contribution ID: 25

Type: **not specified**

Introduction

Wednesday 30 October 2024 17:00 (15 minutes)

Presenter: GAUDIO, Gabriella (INFN-Pavia)

Session Classification: Plenary

Contribution ID: 26

Type: **not specified**

Development of Particle Flow algorithm with DNN for Higgs factories

Wednesday 30 October 2024 17:20 (15 minutes)

Presenter: SUEHARA, Taikan (ICEPP, The University of Tokyo (JP))

Session Classification: Plenary

Contribution ID: 27

Type: **not specified**

Machine Learning in calorimetry

Friday 1 November 2024 09:15 (10 minutes)

Presenter: DORIGO, Tommaso (Universita e INFN, Padova (IT))

Session Classification: Plenary

Contribution ID: **28**

Type: **not specified**

Particle ID performance in granular calorimeters

Friday 1 November 2024 09:25 (15 minutes)

Presenter: DE VITA, Andrea (Universita e INFN, Padova (IT))

Session Classification: Plenary

Contribution ID: 29

Type: **not specified**

Neuromorphic computing readout for calorimeters

Friday 1 November 2024 09:40 (15 minutes)

Presenter: LUPI, Enrico

Session Classification: Plenary

Contribution ID: **30**

Type: **not specified**

New Geant4 model with crystal orientation effect

Friday 1 November 2024 09:00 (15 minutes)

Presenter: SYTOV, Alexei (Universita e INFN, Ferrara (IT))

Session Classification: Plenary

Contribution ID: 31

Type: **not specified**

Detector layout optimization for task Highly Compact Calo

Friday 1 November 2024 09:55 (15 minutes)

Presenter: ZARNECKI, Aleksander (University of Warsaw (PL))

Session Classification: Plenary

Contribution ID: **32**

Type: **not specified**

Introduction

Thursday 31 October 2024 13:45 (10 minutes)

Presenter: GAUDIO, Gabriella (INFN-Pavia)

Session Classification: Testbeam and tools

Contribution ID: 33

Type: **not specified**

Test beam availability at cern

Thursday 31 October 2024 13:55 (20 minutes)

Presenter: JAEKEL, Martin R. (CERN)

Session Classification: Testbeam and tools

Contribution ID: **34**

Type: **not specified**

Experience from recent TB

Thursday 31 October 2024 14:15 (1 hour)

Session Classification: Testbeam and tools

Contribution ID: 35

Type: **not specified**

developments at AGH Krakow

Wednesday 30 October 2024 16:00 (10 minutes)

Presenter: IDZIK, Marek (AGH University of Science and Technology (PL))

Session Classification: Parallel WP4

Contribution ID: 36

Type: **not specified**

AHCAL electronics requirements for a circular collider

Wednesday 30 October 2024 16:15 (10 minutes)

Presenter: KRUGER, Katja (Deutsches Elektronen-Synchrotron (DE))

Session Classification: Parallel WP4

Contribution ID: 37

Type: **not specified**

DRD6 ASIC development at Omega

Wednesday 30 October 2024 16:30 (15 minutes)

Presenter: Dr DE LA TAILLE, Christophe (OMEGA (FR))

Session Classification: Parallel WP4

Contribution ID: **38**

Type: **not specified**

discussion on WP4

Wednesday 30 October 2024 16:45 (10 minutes)

Session Classification: Parallel WP4

Contribution ID: 39

Type: **not specified**

Guest talk - Introduction to DRD5

Thursday 31 October 2024 15:15 (45 minutes)

Presenter: DEMARTEAU (REMOTELY), Marcel (Oak Ridge National Laboratory)