

**CALICE Collaboration
Meeting at IJCLab/Orsay**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction (still dummy)

Contribution ID: 2

Type: **not specified**

Report from Institution Board

Thursday, 9 September 2021 17:35 (20 minutes)

Presenter: SIMON, Frank

Contribution ID: 3

Type: **not specified**

Closing

Friday, 10 September 2021 15:00 (15 minutes)

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

Contribution ID: 4

Type: **not specified**

Welcome Address by Director of IJCLab

Wednesday, 8 September 2021 13:30 (10 minutes)

Presenter: Prof. STOCCHI, Achille (IJCLab)

Session Classification: Opening Session

Contribution ID: 5

Type: **not specified**

Spokesperson's Welcome

Wednesday, 8 September 2021 13:40 (20 minutes)

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

Session Classification: Opening Session

Contribution ID: 6

Type: **not specified**

Report from Technical Board

Wednesday, 8 September 2021 14:00 (20 minutes)

Presenters: MASETTI, Lucia (Johannes Gutenberg Universitaet Mainz (DE)); MASETTI, Lucia (Mainz University); MASETTI, Lucia (Johannes-Gutenberg-Universitaet Mainz (DE))

Session Classification: Opening Session

Contribution ID: 7

Type: **not specified**

Report from Speakers Bureau

Wednesday, 8 September 2021 14:20 (20 minutes)

Presenters: CORRIVEAU, Francois; CORRIVEAU, Francois (McGill University, (CA))

Session Classification: Opening Session

Contribution ID: 8

Type: **not specified**

Status of R&D for granular Liquid Argon Calorimeter

Thursday, 9 September 2021 13:30 (30 minutes)

Presenter: MORANGE, Nicolas (CNRS/IN2P3/IJCLab)

Session Classification: Other Applications

Contribution ID: 9

Type: **not specified**

CMS HGCAL

Thursday, 9 September 2021 14:00 (30 minutes)

Presenter: SEFKOW, Felix (Deutsches Elektronen-Synchrotron (DE))

Session Classification: Other Applications

Contribution ID: **10**

Type: **not specified**

Update on Snowmass Process

Friday, 10 September 2021 14:00 (20 minutes)

Presenters: WHITE, Andrew (University of Texas at Arlington (US)); WHITE, Andy

Session Classification: CALICE and the international context

Contribution ID: 11

Type: **not specified**

ECFA Detector R&D Roadmap

Friday, 10 September 2021 14:20 (30 minutes)

Presenter: ALLPORT, Philip Patrick (University of Birmingham (GB))

Session Classification: CALICE and the international context

Contribution ID: 12

Type: **not specified**

Status of R&D for granular Liquid Argon Calorimeter

Presenter: Dr MORANGE, Nicolas (CNRS/IN2P3/IJCLab)

Session Classification: Other Applications

Contribution ID: 13

Type: **not specified**

Shared Data and Algorithms for Deep Learning in Fundamental Physics

Friday, 10 September 2021 10:00 (30 minutes)

Presenter: BUHMANN, Erik (University of Hamburg)

Session Classification: Analysis

Contribution ID: 14

Type: **not specified**

Highly granular way to a new level of validation of simulations

Friday, 10 September 2021 10:45 (20 minutes)

Presenters: CHADEEVA, Marina (P.N. Lebedev Physical Institute of RAS); CHADEEVA, Marina (National Research Nuclear University MEPHI (RU))

Session Classification: Analysis

Contribution ID: 15

Type: **not specified**

Application of machine learning for validation of Geant4 hadronic models

Friday, 10 September 2021 11:05 (20 minutes)

Presenters: KORPACHEV, Sergey; KORPACHEV, Sergey (LPI)

Session Classification: Analysis

Contribution ID: 16

Type: **not specified**

Analysis of LGAD test beam at Tohoku in February 2021

Friday, 10 September 2021 09:00 (20 minutes)

Presenter: TSUMURA, Shusaku (Kyushu University)

Session Classification: Analysis

Contribution ID: 17

Type: **not specified**

SiWECAL simulation and digitisation

Friday, 10 September 2021 09:20 (20 minutes)

Presenter: JIMENEZ MORALES, Fabricio Andres (Centre National de la Recherche Scientifique (FR))

Session Classification: Analysis

Contribution ID: **18**

Type: **not specified**

PandoraPFA Studies with AHCAL 2018 Beam Test Data and ILD Jets

Friday, 10 September 2021 13:00 (20 minutes)

Presenters: HEUCHEL, Daniel (DESY); HEUCHEL, Daniel (Max-Planck-Institut für Physik)

Session Classification: Analysis

Contribution ID: 19

Type: **not specified**

Track Segment Analysis in AHCAL

Friday, 10 September 2021 13:40 (20 minutes)

Presenters: CORRIVEAU, Francois; CORRIVEAU, Francois (McGill University, (CA))

Session Classification: Analysis

Contribution ID: 20

Type: **not specified**

TDC optimization of SKIROC2A

Thursday, 9 September 2021 11:00 (20 minutes)

Presenter: IRLES, Adrian (IFIC (CSIC/UVEG) Valencia)

Session Classification: Electronics/DAQ

Contribution ID: 21

Type: **not specified**

ECAL electronics developments at LLR

Thursday, 9 September 2021 11:20 (20 minutes)

Presenter: NANNI, jerome

Session Classification: Electronics/DAQ

Contribution ID: 22

Type: **not specified**

Pion shower shapes in the AHCAL

Friday, 10 September 2021 13:20 (20 minutes)

Presenter: PINTO, Olin

Session Classification: Analysis

Contribution ID: 23

Type: **not specified**

Hadronic shower substructure reconstruction with GNN

Friday, 10 September 2021 11:25 (20 minutes)

Presenters: BOCHARNIKOV, Vladimir (Deutsches Elektronen-Synchrotron (DE)); BOCHARNIKOV, Vladimir (LPI, DESY)

Session Classification: Analysis

Contribution ID: 24

Type: **not specified**

TOF particle identification in ILD

Friday, 10 September 2021 09:40 (20 minutes)

Presenter: DUDAR, Bohdan (DESY)

Session Classification: Analysis

Contribution ID: 25

Type: **not specified**

Cosmic-ray test of the ScW-ECAL technological prototype

Wednesday, 8 September 2021 14:45 (20 minutes)

15'+5'

Presenter: ZHANG, Yunlong (University of Science and Technology of China)

Session Classification: Ecal

Contribution ID: 26

Type: **not specified**

LED-based calibration for the ScW-ECAL technological prototype

Wednesday, 8 September 2021 15:05 (20 minutes)

15'+5'

Presenter: TSUJI, Naoki (The University of Tokyo)

Session Classification: Ecal

Contribution ID: 27

Type: **not specified**

Simulation study on performance of ScW-ECAL for ILD

Wednesday, 8 September 2021 15:25 (20 minutes)

15'+5'

Presenter: MASUDA, Ryunosuke (University of Tokyo)

Session Classification: Ecal

Contribution ID: 28

Type: **not specified**

High-granularity crystal calorimeter: R&D status and highlights

Wednesday, 8 September 2021 15:45 (20 minutes)

15'+5'

Presenter: QI, Baohua (Institute of High Energy Physics, CAS)

Session Classification: Ecal

Contribution ID: 29

Type: **not specified**

SiW-ECAL 15 slabs commissioning

Wednesday, 8 September 2021 17:05 (20 minutes)

15'+5'

Presenter: OKUGAWA, Yuichi (Tohoku University)

Session Classification: Ecal

Contribution ID: 30

Type: **not specified**

Update on LGAD-APD tests

Wednesday, 8 September 2021 16:25 (20 minutes)

15'+5'

Presenter: SUEHARA, Taikan (Kyushu University)

Session Classification: Ecal

Contribution ID: 31

Type: **not specified**

SiWECAL Test Beam Preparation

Wednesday, 8 September 2021 16:45 (20 minutes)

15'+5'

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

Session Classification: Ecal

Contribution ID: 32

Type: **not specified**

Development of new SiWECAL front end board (FEB)

Presenter: NANNI, jerome

Session Classification: Ecal

Contribution ID: 33

Type: **not specified**

EPICAL-2 digital pixel electromagnetic calorimeter prototype

Wednesday, 8 September 2021 17:25 (20 minutes)

Presenter: PLIQUETT, Fabian (Goethe University Frankfurt (DE))

Session Classification: Ecal

Contribution ID: 34

Type: **not specified**

Simulation of the DHCAL RPC Response with Analog Readout

Thursday, 9 September 2021 14:45 (20 minutes)

Presenter: BILKI, Burak (Beykent University (TR))

Session Classification: SDHCAL and DHCAL

Contribution ID: 35

Type: **not specified**

Latest results of the Megatiles

Thursday, 9 September 2021 16:30 (20 minutes)

Presenter: LAUDRAIN, Antoine (Johannes Gutenberg Universitaet Mainz (DE))

Session Classification: AHCAL

Contribution ID: 36

Type: **not specified**

Time resolution measurements with AHCAL scintillator tiles - simulations & laser measurements

Thursday, 9 September 2021 17:10 (25 minutes)

Presenter: HUMMER, Fabian (Max Planck Institute for Physics)

Session Classification: AHCAL

Contribution ID: 37

Type: **not specified**

Progress of CEPC AHCAL Prototype Development

Thursday, 9 September 2021 16:05 (25 minutes)

Presenter: DUAN, Yanyun (TDLI/SJTU)

Session Classification: AHCAL

Contribution ID: 38

Type: **not specified**

Time resolution measurements with AHCAL scintillator tiles - test beam results

Thursday, 9 September 2021 16:50 (20 minutes)

Presenter: EMBERGER, Lorenz (Max Planck Institute for Physics)

Session Classification: AHCAL

Contribution ID: 39

Type: **not specified**

SiECAL status and plans

Presenters: POESCHL, Roman (Université Paris-Saclay (FR)); BOUDRY, Vincent (LLR – Institut Polytechnique de Paris / CNRS-IN2P3)

Session Classification: Technical Board

Contribution ID: 40

Type: **not specified**

MAPS status and plans

Presenter: PEITZMANN, Thomas (Nikhef National institute for subatomic physics (NL))

Session Classification: Technical Board

Contribution ID: 41

Type: **not specified**

SciECAL status and plans

Presenters: LIU, Jianbei (University of Science and Technology of China (CN)); LIU, Jianbei (University of Science and Technology of China); OOTANI, Wataru (ICEPP, Univ. of Tokyo)

Session Classification: Technical Board

Contribution ID: 42

Type: **not specified**

SDHCAL status and plans

Presenters: LAKTINEH, Imad (Centre National de la Recherche Scientifique (FR)); LAKTINEH, imad

Session Classification: Technical Board

Contribution ID: 43

Type: **not specified**

AHCAL status and plans

Presenter: KRUEGER, Katja (DESY)

Session Classification: Technical Board

Contribution ID: 44

Type: **not specified**

DHCAL status and plans

Presenters: BILKI, Burak (Beykent University (TR)); ONEL, Yasar (University of Iowa)

Session Classification: Technical Board

Contribution ID: 45

Type: **not specified**

Dual readout status and plans

Presenter: GATTO, Corrado (INFN & NIU)

Session Classification: Technical Board

Contribution ID: 46

Type: **not specified**

SDHCAL calibration using muons

Thursday, 9 September 2021 15:05 (20 minutes)

Presenters: GARILLOT, Guillaume (Universite Claude Bernard Lyon I (FR)); GARILLOT, Guillaume

Session Classification: SDHCAL and DHCAL

Contribution ID: 47

Type: **not specified**

SDHCAL Timing

Thursday, 9 September 2021 15:25 (20 minutes)

Presenter: SHEN, Qiu-Ping (Shanghai Jiao Tong University)

Session Classification: SDHCAL and DHCAL

Contribution ID: 48

Type: **not specified**

Generation of Artificial Neutral Hadron Events using Cycle-Consistent Neural Networks

Friday, 10 September 2021 11:45 (15 minutes)

Presenter: ROLPH, Jack (DESY)

Session Classification: Analysis

Contribution ID: 49

Type: **not specified**

Measurement of the time resolution of the Klaus ASIC

Thursday, 9 September 2021 11:40 (20 minutes)

Presenter: BRIGGL, Konrad (KIP Heidelberg)

Session Classification: Electronics/DAQ