

# **CALICE AHCAL main meeting**

## **Report of Contributions**

Contribution ID: **34**

Type: **not specified**

# Welcome

*Wednesday, 12 December 2018 09:30 (20 minutes)*

**Presenters:** SEFKOW, Felix (Deutsches Elektronen-Synchrotron (DE)); KRUEGER, Katja (DESY)

**Session Classification:** AHCAL main meeting

Contribution ID: 58

Type: **not specified**

## Group Leader Discussion

*Thursday, 13 December 2018 14:30 (1 hour)*

**Session Classification:** AHCAL main meeting

Contribution ID: 59

Type: **not specified**

## Project overview

*Thursday, 13 December 2018 09:00 (30 minutes)*

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

**Session Classification:** AHCAL main meeting

Contribution ID: **60**

Type: **not specified**

## **Test beams in 2018**

*Thursday, 13 December 2018 09:30 (30 minutes)*

**Presenter:** KRUEGER, Katja (DESY)

**Session Classification:** AHCAL main meeting

Contribution ID: **61**

Type: **not specified**

## **Combination of HCAL and AHCAL data**

*Thursday, 13 December 2018 10:00 (20 minutes)*

**Presenter:** Dr VAN DE KLUNDERT, Merijn (DESY)

**Session Classification:** AHCAL main meeting

Contribution ID: **62**

Type: **not specified**

## **Measurements with Megatiles**

*Thursday, 13 December 2018 11:40 (20 minutes)*

**Presenter:** RITTER, Sebastian (Universität Mainz)

**Session Classification:** AHCAL main meeting

Contribution ID: **63**

Type: **not specified**

## **KLAUS TDC development**

*Thursday, 13 December 2018 12:00 (20 minutes)*

**Presenter:** YUAN, Zhenxiong (Heidelberg University)

**Session Classification:** AHCAL main meeting



Contribution ID: **64**

Type: **not specified**

## **CMS HGCALE SiPM-on-Tile developments**

*Thursday, 13 December 2018 13:30 (20 minutes)*

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

**Session Classification:** AHCAL main meeting

Contribution ID: 65

Type: **not specified**

## Gain Calibration and SiPM Saturation

*Wednesday, 12 December 2018 10:00 (20 minutes)*

**Presenter:** PINTO, Olin

**Session Classification:** AHCAL main meeting

Contribution ID: **66**

Type: **not specified**

## **MIP Calibration**

*Wednesday, 12 December 2018 10:30 (20 minutes)*

**Presenter:** HEUCHEL, Daniel (DESY)

**Session Classification:** AHCAL main meeting

Contribution ID: 67

Type: **not specified**

## **Muon Simulation**

*Wednesday, 12 December 2018 11:00 (20 minutes)*

**Presenter:** HUCK, Saiva (University of Hamburg)

**Session Classification:** AHCAL main meeting

Contribution ID: **68**

Type: **not specified**

## **HG/LG Inter-Calibration from LED data and Gain Stability**

*Wednesday, 12 December 2018 13:30 (20 minutes)*

**Presenter:** SUDO, Yuji (Kyushu University)

**Session Classification:** AHCAL main meeting

Contribution ID: 69

Type: **not specified**

## **HG/LG Inter-Calibration from Testboard measurements**

*Wednesday, 12 December 2018 14:00 (20 minutes)*

**Presenter:** ELKHALII, Amine

**Session Classification:** AHCAL main meeting

Contribution ID: 70

Type: **not specified**

## **Comparison of the May Electron Data With and Without Power Pulsing**

*Wednesday, 12 December 2018 14:30 (20 minutes)*

**Presenter:** ROSMANITZ, Anna (Johannes Gutenberg-Universität Mainz)

**Session Classification:** AHCAL main meeting

Contribution ID: 71

Type: **not specified**

## **Beam tracking at AHCAL test beam**

*Wednesday, 12 December 2018 11:30 (20 minutes)*

**Presenter:** LIU, Linghui (Tokyo University)

**Session Classification:** AHCAL main meeting



Contribution ID: 72

Type: **not specified**

## Particle ID studies

*Wednesday, 12 December 2018 17:10 (20 minutes)*

**Presenter:** BOCHARNIKOV, Vladimir (LPI, DESY)

**Session Classification:** AHCAL main meeting

Contribution ID: 73

Type: **not specified**

## **Deep Learning for ParticleID and Energy Reconstruction**

*Wednesday, 12 December 2018 17:35 (20 minutes)*

**Presenter:** BUHMANN, Erik (University of Hamburg)

**Session Classification:** AHCAL main meeting

Contribution ID: 74

Type: **not specified**

## **Global Software Compensation with Large Technological Prototype**

*Wednesday, 12 December 2018 16:45 (20 minutes)*

**Presenter:** GRAF, Christian (MPG-MPP Munich)

**Session Classification:** AHCAL main meeting

Contribution ID: 75

Type: **not specified**

## Update of Time Analysis of 2018 Testbeam Data

*Wednesday, 12 December 2018 16:20 (20 minutes)*

**Presenters:** EMBERGER, Lorenz (Max Plack Institute for Physics); EMBERGER, Lorenz Konrad (Max-Planck-Institut für Physik (DE))

**Session Classification:** AHCAL main meeting

Contribution ID: 76

Type: **not specified**

## **Event selection and energy correction with sub-detectors at AHCAL test beam**

*Wednesday, 12 December 2018 15:55 (20 minutes)*

**Presenter:** TORIMARU, Tatsuro (The University of Tokyo)

**Session Classification:** AHCAL main meeting

Contribution ID: 77

Type: **not specified**

## **Study on mixed granularity**

*Wednesday, 12 December 2018 15:30 (20 minutes)*

**Presenter:** Mr TSUJI, Naoki (The University of Tokyo)

**Session Classification:** AHCAL main meeting

Contribution ID: 78

Type: **not specified**

## **Tile Studies and new SiPMs @ MPP.**

*Thursday, 13 December 2018 12:20 (10 minutes)*

**Presenter:** DE SILVA, Malinda (MPI für Physik München)

**Session Classification:** AHCAL main meeting

Contribution ID: 79

Type: **not specified**

## Tests with full-sizes AHCAL layers

*Thursday, 13 December 2018 11:20 (20 minutes)*

**Presenter:** CHRISTIAN, Timo (Universität Heidelberg)

**Session Classification:** AHCAL main meeting



Contribution ID: **80**

Type: **not specified**

## **Concept for a SiPM-on-Tile calorimeter for the DUNE ND**

*Thursday, 13 December 2018 13:50 (20 minutes)*

**Presenter:** SIMON, Frank

**Session Classification:** AHCAL main meeting

Contribution ID: **81**

Type: **not specified**

## **Simulation studies for a DUNE Near Detector (tbc)**

*Thursday, 13 December 2018 14:10 (20 minutes)*

**Presenter:** BRIANNE, Eldwan (DESY)

**Session Classification:** AHCAL main meeting

Contribution ID: **82**

Type: **not specified**

## **DAQ status, plans and open issues**

*Thursday, 13 December 2018 11:00 (20 minutes)*

**Presenter:** KVASNICKA, Jiri (Acad. of Sciences of the Czech Rep. (CZ))

**Session Classification:** AHCAL main meeting