

# **CALICE Collaboration Meeting at Cambridge**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Pion and proton showers in the CALICE AHCAL

*Monday, 17 September 2012 11:15 (20 minutes)*

**Presenter:** Mrs CHADEEVA, Marina (ITEP, Moscow, Russia)

**Session Classification:** Analysis

Contribution ID: 1

Type: **not specified**

## **Spatial resolution for electrons & uniformity of the response of the AHCAL to Pions**

*Monday, 17 September 2012 11:35 (20 minutes)*

**Presenter:** GÖTZE, Mathias (University of Wuppertal)

**Session Classification:** Analysis

Contribution ID: 2

Type: **not specified**

## **Status of status of the track segment analysis/paper**

*Monday, 17 September 2012 11:00 (15 minutes)*

**Presenter:** Dr SIMON, Frank (Max-Planck-Institut fuer Physik)

**Session Classification:** Analysis

Contribution ID: 3

Type: **not specified**

## **Investigation of hadronic shower time evolution**

*Monday, 17 September 2012 11:55 (20 minutes)*

**Presenter:** Dr RAMILLI, Marco (DESY)

**Session Classification:** Analysis

Contribution ID: 4

Type: **not specified**

## **T3B Update: Tungsten and Steel Results**

*Monday, 17 September 2012 12:15 (25 minutes)*

**Presenter:** Dr SIMON, Frank (Max-Planck-Institut fuer Physik)

**Session Classification:** Analysis

Contribution ID: 5

Type: **not specified**

## Welcome

*Monday, 17 September 2012 09:00 (15 minutes)*

**Presenter:** Prof. STIRLING, James (University of Cambridge)

**Session Classification:** Opening

Contribution ID: 6

Type: **not specified**

## Administrative remarks

*Monday, 17 September 2012 09:15 (5 minutes)*

**Presenters:** Prof. WARD, David (University of Cambridge); Prof. THOMSON, Mark (University of Cambridge)

**Session Classification:** Opening



Contribution ID: 7

Type: **not specified**

## Status of the W-AHCAL data analysis

*Monday, 17 September 2012 12:40 (20 minutes)*

**Presenter:** LUCACI TIMOCE, Angela Isabela

**Session Classification:** Analysis

Contribution ID: 8

Type: **not specified**

## **Emulation of ILD leakage using CALICE test beam data**

*Monday, 17 September 2012 17:20 (20 minutes)*

**Presenter:** Mrs CHADEEVA, Marina (ITEP, Moscow, Russia)

**Session Classification:** Analysis

Contribution ID: 9

Type: **not specified**

## TPAC Beam Test Results

*Monday, 17 September 2012 14:35 (20 minutes)*

**Presenter:** Mr PRICE, Tony (University of Birmingham)

**Session Classification:** Analysis

Contribution ID: **10**

Type: **not specified**

## **DHCAL analysis - recent results and status**

*Monday, 17 September 2012 15:15 (25 minutes)*

**Presenter:** Dr REPOND, Jose (Argonne National Laboratory)

**Session Classification:** Analysis

Contribution ID: 11

Type: **not specified**

## ScECAL FNAL beam test results

*Monday, 17 September 2012 14:55 (20 minutes)*

**Presenter:** Prof. TAKESHITA, Tohru (Shinshu University)

**Session Classification:** Analysis

Contribution ID: 12

Type: **not specified**

## Status of Strip Ecal Reconstruction

*Monday, 17 September 2012 17:40 (15 minutes)*

**Presenters:** KOTERA, Katsushige (Shinshu University, Faculty of Science,); Prof. TAKESHITA, Tohru (Shinshu University)

**Session Classification:** Analysis

Contribution ID: 13

Type: **not specified**

## **General Analysis on SDHCAL 2012 test beam data**

*Tuesday, 18 September 2012 15:45 (10 minutes)*

**Presenter:** RUAN, Manqi (CNRS)

**Session Classification:** (s)DHCAL

Contribution ID: 14

Type: **not specified**

## **Digitizer for Gaseous Detector and PID based on Fractal Dimension**

*Tuesday, 18 September 2012 15:55 (10 minutes)*

**Presenter:** RUAN, Manqi (CNRS)

**Session Classification:** (s)DHCAL



Contribution ID: 15

Type: **not specified**

## Ecal guard ring studies

**Presenter:** POESCHL, Roman (LAL Orsay)

Contribution ID: 16

Type: **not specified**

## **CALICE software status**

*Monday, 17 September 2012 17:10 (10 minutes)*

**Presenters:** GUNTER, Clemens (Deutsches Elektronen-Synchrotron (DE)); Dr LU, Shaojun (DESY)  
(DESY)

**Session Classification:** Analysis

Contribution ID: 17

Type: **not specified**

## **SDHCAL DAQ status**

*Tuesday, 18 September 2012 09:30 (20 minutes)*

**Presenter:** Mr VOUTERS, Guillaume (lapp-Laboratoire d'Annecy-le-Vieux de Physique des Particules-In)

**Session Classification:** Electronics and DAQ

Contribution ID: **18**

Type: **not specified**

## **ROC chip status**

*Tuesday, 18 September 2012 08:45 (10 minutes)*

**Presenter:** Mrs SEGUIN-MOREAU, Nathalie (LAL)

**Session Classification:** Electronics and DAQ

Contribution ID: 19

Type: **not specified**

## ADC design for SiPM readout

*Tuesday, 18 September 2012 09:05 (10 minutes)*

**Presenter:** HARION, Tobias (Kirchhoff-Institut Heidelberg)

**Session Classification:** Electronics and DAQ

Contribution ID: **20**

Type: **not specified**

## **GDCC : next replacement of the LDA**

*Tuesday, 18 September 2012 09:50 (20 minutes)*

**Presenter:** Mr GASTALDI, Franck (CNRS/IN2P3/LLR Polytechnique)

**Session Classification:** Electronics and DAQ

Contribution ID: 21

Type: **not specified**

## CCC Desy Testbeam results

*Tuesday, 18 September 2012 10:10 (10 minutes)*

**Presenter:** Mr WELKER, André (JGU Mainz)

**Session Classification:** Electronics and DAQ

Contribution ID: 22

Type: **not specified**

## DAQ software

*Tuesday, 18 September 2012 10:20 (20 minutes)*

High Performance Middleware For the Calice DAQ System

**Presenter:** Mr MAGNIETTE, Frédéric (LLR, CNRS)

**Session Classification:** Electronics and DAQ



Contribution ID: 23

Type: **not specified**

## Comparison of iron and tungsten test beam data

*Monday, 17 September 2012 14:15 (20 minutes)*

**Presenter:** GUENTER, Clemens (DESY, flc-group)

**Session Classification:** Analysis

Contribution ID: 24

Type: **not specified**

## DAQ2 overview

*Tuesday, 18 September 2012 09:15 (15 minutes)*

**Presenter:** Dr CORNAT, Remi Jean Noel (CNRS/IN2P3/Laboratoire Leprince-Ringuet (LLR))

**Session Classification:** Electronics and DAQ

Contribution ID: 25

Type: **not specified**

## Introduction and Overview

*Monday, 17 September 2012 09:20 (30 minutes)*

**Presenter:** SEFKOW, Felix (DESY)

**Session Classification:** Opening

Contribution ID: 26

Type: **not specified**

## Report from the Technical Board

*Monday, 17 September 2012 09:50 (30 minutes)*

**Presenter:** POESCHL, Roman (LAL Orsay)

**Session Classification:** Opening

Contribution ID: 27

Type: **not specified**

## **Status of the 2nd Generation AHCAL prototype**

*Tuesday, 18 September 2012 11:10 (20 minutes)*

**Presenter:** Mr HERMBERG, Benjamin Hermberg (FLC)

**Session Classification:** AHCAL

Contribution ID: 28

Type: **not specified**

## **Current Status of the embedded LED calibration system**

*Tuesday, 18 September 2012 11:50 (20 minutes)*

**Presenter:** WEBER, Sebastian (University of Wuppertal)

**Session Classification:** AHCAL

Contribution ID: 29

Type: **not specified**

## Updates on the Large Tile Tester Prototype

*Tuesday, 18 September 2012 12:25 (20 minutes)*

**Presenter:** HARION, Tobias (Kirchhoff-Institut Heidelberg)

**Session Classification:** AHCAL

Contribution ID: **30**

Type: **not specified**

## **AHCAL data concentrator (LDA)**

*Tuesday, 18 September 2012 12:45 (10 minutes)*

**Presenter:** Mr WELKER, André (JGU Mainz)

**Session Classification:** AHCAL



Contribution ID: 31

Type: **not specified**

## **SDHCAL Analysis in LAPP**

*Monday, 17 September 2012 16:50 (20 minutes)*

**Presenter:** CHEFDEVILLE, Maximilien (LAPP, Annecy)

**Session Classification:** Analysis

Contribution ID: 32

Type: **not specified**

## **SDHCAL reconstruction software and SDHCAL testbeam data**

*Monday, 17 September 2012 16:30 (20 minutes)*

**Presenter:** Mr HADDAD, Yacine (PHD student)

**Session Classification:** Analysis

Contribution ID: **33**

Type: **not specified**

## **Si ECAL**

*Wednesday, 19 September 2012 10:50 (10 minutes)*

**Presenter:** POESCHL, Roman (LAL Orsay)

**Session Classification:** DBD

Contribution ID: **34**

Type: **not specified**

## Sci ECAL

*Wednesday, 19 September 2012 11:00 (10 minutes)*

**Presenters:** Prof. TAKESHITA, Tohru (Shinshu University); TAKESHITA, Toru (Department of Physics - Faculty of Liberal Arts - Shinshu Univer)

**Session Classification:** DBD

Contribution ID: 35

Type: **not specified**

## Sci AHCAL

*Wednesday, 19 September 2012 11:10 (10 minutes)*

**Presenter:** Dr SIMON, Frank (Max-Planck-Institut fuer Physik)

**Session Classification:** DBD

Contribution ID: 36

Type: **not specified**

## **RPC and GEM DHCAL**

*Wednesday, 19 September 2012 11:20 (20 minutes)*

**Presenter:** Dr REPOND, Jose (Argonne National Laboratory)

**Session Classification:** DBD

Contribution ID: 37

Type: **not specified**

## GEM DHCAL

**Presenter:** Prof. WHITE, Andy (University of Texas at Arlington)

Contribution ID: **38**

Type: **not specified**

## **Micromegas SDHCAL**

*Wednesday, 19 September 2012 11:40 (10 minutes)*

**Presenter:** CHEFDEVILLE, Maximilien (LAPP, Annecy)

**Session Classification:** DBD



Contribution ID: **39**

Type: **not specified**

## **RPC SDHCAL**

*Wednesday, 19 September 2012 11:50 (30 minutes)*

**Presenters:** FOUZ IGLESIAS, Maria (Centro de Investigaciones Energetic as Medioambientales y Tecnol); Mr LAKTINEH, imad (ipnl)

**Session Classification:** DBD

Contribution ID: 40

Type: **not specified**

## Discussion

*Wednesday, 19 September 2012 12:20 (30 minutes)*

**Session Classification:** DBD

Contribution ID: 41

Type: **not specified**

## The new AHCAL Online Monitor

*Tuesday, 18 September 2012 11:30 (20 minutes)*

**Primary author:** LAURIEN, Sebastian Piet (Hamburg University (DE))

**Presenter:** Mr LAURIEN, Sebastian (University of Hamburg)

**Session Classification:** AHCAL

Contribution ID: 42

Type: **not specified**

## Status of DESY electronics developments

*Tuesday, 18 September 2012 08:55 (10 minutes)*

**Presenter:** Mr REINECKE, Mathias (DESY)

**Session Classification:** Electronics and DAQ

Contribution ID: 43

Type: **not specified**

## Tests of the fiber-based calibration system

*Tuesday, 18 September 2012 12:10 (15 minutes)*

**Presenter:** Mr ZALESK, Jaroslav (Institute of Physics, Academy of Sciences of the Czech Republic)

**Session Classification:** AHCAL

Contribution ID: 44

Type: **not specified**

## Hybrid ECAL

**Presenter:** Dr YOSHIOKA, Tamaki (Kyushu University)

Contribution ID: 45

Type: **not specified**

## **Test beam at DESY - Set up and DQ checks**

*Tuesday, 18 September 2012 16:30 (15 minutes)*

**Presenter:** FRISSON, Thibault (LAL Orsay)

**Session Classification:** ECAL

Contribution ID: 46

Type: **not specified**

## **First calibration of SiW Ecal prototype**

*Tuesday, 18 September 2012 16:45 (10 minutes)*

**Presenter:** ROUENE, Jeremy (LAL)

**Session Classification:** ECAL



Contribution ID: 47

Type: **not specified**

## **Mechanics and detector assembly**

*Tuesday, 18 September 2012 16:55 (20 minutes)*

**Presenter:** Mr FROTIN, mickael (llr)

**Session Classification:** ECAL

Contribution ID: 48

Type: **not specified**

## Gluing of silicon wafers

*Tuesday, 18 September 2012 17:15 (10 minutes)*

**Presenters:** LACOUR, Didier (LPNHE Paris); LACOUR, Didier (Univ. P. et Marie Curie (Paris VI) (FR))

**Session Classification:** ECAL

Contribution ID: 49

Type: **not specified**

## Status of FEV

*Tuesday, 18 September 2012 17:25 (10 minutes)*

**Primary author:** Mr CALLIER, Stéphane (OMEGA / IN2P3-CNRS)

**Presenter:** Mr CALLIER, Stéphane (OMEGA / IN2P3-CNRS)

**Session Classification:** ECAL

Contribution ID: 50

Type: **not specified**

## **Study of the performances as a function of the number of layers in full silicon ECAL**

*Wednesday, 19 September 2012 08:45 (20 minutes)*

**Primary author:** TRAN, Throng Hieu (LLR –École polytechnique)

**Presenters:** RUAN, Manqi (LLR –École polytechnique, CNRS/IN2P3); TRAN, Throng Hieu (LLR –École polytechnique)

**Session Classification:** ECAL

Contribution ID: 51

Type: **not specified**

## SiW Ecal guard ring studies

*Wednesday, 19 September 2012 09:05 (15 minutes)*

**Presenters:** AMJAD, Muhammad Sohail (LAL); POESCHL, Roman (LAL Orsay)

**Session Classification:** ECAL

Contribution ID: 52

Type: **not specified**

## Status of scintillator Ecal

*Wednesday, 19 September 2012 09:20 (30 minutes)*

**Presenter:** Prof. TAKESHITA, Tohru (Shinshu University)

**Session Classification:** ECAL

Contribution ID: 53

Type: **not specified**

## Hybrid Ecal

*Wednesday, 19 September 2012 09:50 (20 minutes)*

**Presenter:** Dr YOSHIOKA, Tamaki (Kyushu University)

**Session Classification:** ECAL

Contribution ID: 54

Type: **not specified**

## R&D prospects

*Tuesday, 18 September 2012 17:35 (20 minutes)*

**Presenter:** Dr CORNAT, Remi Jean Noel (CNRS/IN2P3/Laboratoire Leprince-Ringuet (LLR))

**Session Classification:** ECAL



Contribution ID: 55

Type: **not specified**

## **Micromegas SDHCAL, status and perspectives**

*Tuesday, 18 September 2012 14:45 (20 minutes)*

**Presenter:** CHEFDEVILLE, Maximilien (LAPP-Laboratoire d'Annecy-le-Vieux de Physique des Particules (L))

**Session Classification:** (s)DHCAL

Contribution ID: 56

Type: **not specified**

## **GRPC/SDHCAL results**

*Tuesday, 18 September 2012 14:15 (30 minutes)*

**Presenter:** GRENIER, Gerald (IPN Lyon)

**Session Classification:** (s)DHCAL

Contribution ID: 57

Type: **not specified**

## **WDHCAL results**

*Tuesday, 18 September 2012 15:05 (20 minutes)*

**Presenter:** VAN DER KRAAIJ, Erik

**Session Classification:** (s)DHCAL

Contribution ID: 58

Type: **not specified**

## **DHCAL calibration**

*Tuesday, 18 September 2012 15:25 (20 minutes)*

**Presenter:** CORRIVEAU, Francois (McGill University - Centre for High Energy Physics)

**Session Classification:** (s)DHCAL

Contribution ID: 59

Type: **not specified**

## Report from the steering Board

*Wednesday, 19 September 2012 14:15 (15 minutes)*

**Presenter:** Dr REPOND, Jose (Argonne National Laboratory)

**Session Classification:** Closing

Contribution ID: **60**

Type: **not specified**

## Farewell

*Wednesday, 19 September 2012 14:30 (5 minutes)*

**Presenter:** SEFKOW, Felix (DESY)

**Session Classification:** Closing