

# **CALICE Collaboration Meeting in Hamburg**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## **Preliminary results on Si-W ECAL performance at Feb'2013 DESY test beam I**

*Friday, 22 March 2013 09:15 (15 minutes)*

**Presenter:** BALAGURA, Vladislav (ITEP Institute for Theoretical and Experimental Physics (RU))

**Session Classification:** ECAL

Contribution ID: 1

Type: **not specified**

## **Simulation study of hybrid ECAL**

*Wednesday, 20 March 2013 11:15 (15 minutes)*

**Presenters:** KAWAGOE, Kiyotomo (Kyushu University); SUDO, Yuji (Kyushu University)

**Session Classification:** Analysis I

Contribution ID: 2

Type: **not specified**

## Si sensor study in Kyushu Univ

*Friday, 22 March 2013 10:00 (15 minutes)*

**Presenters:** KAWAGOE, Kiyotomo (Kyushu University); SUDO, Yuji (Kyushu University)

**Session Classification:** ECAL

Contribution ID: 3

Type: **not specified**

## **Simulation study of the ScECAL physics prototype**

*Wednesday, 20 March 2013 11:30 (15 minutes)*

**Presenters:** KAWAGOE, Kiyotomo (Kyushu University); SUDO, Yuji (Kyushu University)

**Session Classification:** Analysis I

Contribution ID: 4

Type: **not specified**

## **T3B Update: Longitudinal Time Profiles & Integration Times**

*Wednesday, 20 March 2013 12:20 (20 minutes)*

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

**Session Classification:** Analysis I

Contribution ID: 5

Type: **not specified**

## **FastRPC: Time Structures with RPCs in Contrast to Scintillators**

*Wednesday, 20 March 2013 12:40 (20 minutes)*

**Presenter:** Mr SZALAY, Marco (Max Planck Institut für Physik)

**Session Classification:** Analysis I

Contribution ID: 6

Type: **not specified**

## Monte Carlo study of (S)DHCAL reponse and resolution

*Wednesday, 20 March 2013 16:30 (20 minutes)*

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

**Session Classification:** Analysis III



Contribution ID: 7

Type: **not specified**

## **SDHCAL : hadronic shower simulation and hough-transform tracking**

*Wednesday, 20 March 2013 16:50 (15 minutes)*

**Presenter:** STEEN, Arnaud (ipnl)

**Session Classification:** Analysis III

Contribution ID: 8

Type: **not specified**

## **SDHCAL : Resolution and linearity study**

*Wednesday, 20 March 2013 17:25 (20 minutes)*

**Presenter:** Mr LAKTINEH, imad (IPNL)

**Session Classification:** Analysis III

Contribution ID: 9

Type: **not specified**

## Comparison of pion and proton shower profiles in the CALICE Sc-Fe AHCAL

*Wednesday, 20 March 2013 11:45 (20 minutes)*

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

**Session Classification:** Analysis I

Contribution ID: **10**

Type: **not specified**

## **Hadron Energy measurement**

*Wednesday, 20 March 2013 12:05 (15 minutes)*

**Presenter:** Dr TAKESHITA, Tohru (Shinshu University)

**Session Classification:** Analysis I

Contribution ID: 11

Type: **not specified**

## Interaction of hadrons in the SiW Ecal

*Wednesday, 20 March 2013 11:00 (15 minutes)*

**Presenter:** VAN DER KOLK, Naomi (LAL/CNRS/P2IO)

**Session Classification:** Analysis I

Contribution ID: 12

Type: **not specified**

## **Status report on the 2011 W-AHCAL analysis**

*Wednesday, 20 March 2013 14:35 (20 minutes)*

**Presenter:** LUCACI TIMOCE, Angela Isabela

**Session Classification:** Analysis II

Contribution ID: 13

Type: **not specified**

## **Status report on the W-HCAL+TCMT analysis**

*Wednesday, 20 March 2013 14:55 (15 minutes)*

**Presenter:** SICKING, Eva (Westfaelische Wilhelms-Universitaet Muenster (DE))

**Session Classification:** Analysis II

Contribution ID: 14

Type: **not specified**

## **W-DHCAL analysis**

*Wednesday, 20 March 2013 15:45 (15 minutes)*

**Presenter:** Mr GREFE, Christian (CERN, Bonn University)

**Session Classification:** Analysis II



Contribution ID: 15

Type: **not specified**

## **Status of the AHCAL electronics and DAQ developments**

*Thursday, 21 March 2013 10:20 (20 minutes)*

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

**Session Classification:** Electronics and DAQ

Contribution ID: 16

Type: **not specified**

## **SiPM adaptive power supply system**

**Presenter:** POLAK, Ivo (Institute of Physics - Academy of Sciences of the Czech Republic)

Contribution ID: 17

Type: **not specified**

## ROC chips status

*Thursday, 21 March 2013 09:00 (10 minutes)*

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

**Session Classification:** Electronics and DAQ

Contribution ID: **18**

Type: **not specified**

## **SiPM adaptive power supply system**

*Thursday, 21 March 2013 09:35 (15 minutes)*

**Presenter:** POLAK, Ivo (Institute of Physics - Academy of Sciences of the Czech Republic)

**Session Classification:** Electronics and DAQ

Contribution ID: 19

Type: **not specified**

## **In-Shower Tracks extraction in a digital HCAL**

**Presenter:** Dr BOUDRY, Vincent (LLR –École polytechnique, CNRS/IN2P3)

Contribution ID: 20

Type: **not specified**

## **Response of SDHCAL to Mips**

*Wednesday, 20 March 2013 17:05 (20 minutes)*

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

**Session Classification:** Analysis III

Contribution ID: 21

Type: **not specified**

## Software for the new scintillator HCAL prototype

*Wednesday, 20 March 2013 14:15 (20 minutes)*

**Presenter:** Dr LU, Shaojun (DESY) (DESY)

**Session Classification:** Analysis II

Contribution ID: 22

Type: **not specified**

## Thick GEM development for the HCAL

*Thursday, 21 March 2013 16:45 (20 minutes)*

**Presenter:** BRESSLER, Shikma (Weizmann Institute of Science (IL))

**Session Classification:** (s)DHCAL



Contribution ID: 23

Type: **not specified**

## Micromegas status report

*Thursday, 21 March 2013 17:05 (20 minutes)*

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

**Session Classification:** (s)DHCAL

Contribution ID: 24

Type: **not specified**

## **DHCAL overview**

*Thursday, 21 March 2013 17:25 (20 minutes)*

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

**Session Classification:** (s)DHCAL

Contribution ID: 25

Type: **not specified**

## **SDHCAL overview**

*Thursday, 21 March 2013 17:45 (20 minutes)*

**Presenter:** Mr LAKTINEH, imad (ipnl)

**Session Classification:** (s)DHCAL

Contribution ID: 26

Type: **not specified**

## Micromegas overview

*Thursday, 21 March 2013 18:05 (20 minutes)*

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

**Session Classification:** (s)DHCAL

Contribution ID: 27

Type: **not specified**

## **Optimization of Energy Resolution in the DHCAL Using Longitudinal Weights**

*Wednesday, 20 March 2013 15:10 (15 minutes)*

**Presenter:** Mr SMITH, Jacob (University of Texas at Arlington/Argonne National Laboratory)

**Session Classification:** Analysis II

Contribution ID: 28

Type: **not specified**

## Overview of testbeam activities at CERN and DESY

*Thursday, 21 March 2013 14:00 (15 minutes)*

**Presenter:** HARTBRICH, Oskar (Bergische Universitaet Wuppertal / DESY FLC)

**Session Classification:** AHCAL

Contribution ID: 29

Type: **not specified**

## Measurement and calibration of shower timing

*Thursday, 21 March 2013 14:15 (15 minutes)*

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

**Session Classification:** AHCAL

Contribution ID: **30**

Type: **not specified**

## **SiPMs and tiles at ITEP and MEPHI**

*Thursday, 21 March 2013 14:30 (15 minutes)*

**Presenters:** Dr POPOVA, Elena (MEPhi); DANILOV, Mikhail (Inst. for Theoret. & Exptl. Phys. (ITEP))

**Session Classification:** AHCAL



Contribution ID: 31

Type: **not specified**

## **Small Scintillator Tiles & Inter-tile Crosstalk Revisited**

*Thursday, 21 March 2013 14:45 (15 minutes)*

**Presenter:** Mr GABRIEL, Miroslav (MPI Muenchen)

**Session Classification:** AHCAL

Contribution ID: 32

Type: **not specified**

## **Fibre clibration system**

*Thursday, 21 March 2013 15:15 (15 minutes)*

**Presenter:** Mr KVASNICKA, Jiri (Institute of Physics, ASCR)

**Session Classification:** AHCAL

Contribution ID: 33

Type: **not specified**

## Strip HCAL option

*Thursday, 21 March 2013 15:00 (15 minutes)*

**Presenter:** KOTERA, Katsushige (Shinshu University, Faculty of Science,)

**Session Classification:** AHCAL

Contribution ID: 34

Type: **not specified**

## Active unit mass production

*Thursday, 21 March 2013 15:45 (15 minutes)*

**Presenter:** CHAU, Phi (JGU)

**Session Classification:** AHCAL

Contribution ID: 35

Type: **not specified**

## Outlook

*Thursday, 21 March 2013 16:00 (15 minutes)*

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

**Session Classification:** AHCAL

Contribution ID: 36

Type: **not specified**

## **Uniformity of the response of the AHCAL to pions**

*Wednesday, 20 March 2013 14:00 (15 minutes)*

**Presenter:** Mr GÖTZE, Mathias (CALICE)

**Session Classification:** Analysis II

Contribution ID: 37

Type: **not specified**

## SiPM development at KETEK

*Thursday, 21 March 2013 15:30 (15 minutes)*

**Presenter:** WIEST, Florian (KETEK)

**Session Classification:** AHCAL

Contribution ID: **38**

Type: **not specified**

## **CCC2 status**

*Thursday, 21 March 2013 10:40 (10 minutes)*

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

**Session Classification:** Electronics and DAQ



Contribution ID: 39

Type: **not specified**

## **LDA for the AHCAL**

*Thursday, 21 March 2013 10:50 (10 minutes)*

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

**Session Classification:** Electronics and DAQ

Contribution ID: 40

Type: **not specified**

## Status and overview of the KLauS ASIC

*Thursday, 21 March 2013 09:20 (15 minutes)*

**Presenter:** BRIGGL, Konrad (KIP Heidelberg)

**Session Classification:** Electronics and DAQ

Contribution ID: 41

Type: **not specified**

## GDCC status

*Thursday, 21 March 2013 11:00 (15 minutes)*

**Presenters:** Mr GASTALDI, Franck (CNRS/IN2P3/LLR Polytechnique); Dr CORNAT, Remi Jean Noel (CNRS/IN2P3/Laboratoire Leprince-Ringuet (LLR))

**Session Classification:** Electronics and DAQ

Contribution ID: 42

Type: **not specified**

## **CALICOES second experience**

**Presenters:** Dr MAGNIETTE, Frédéric (LLR, CNRS); Dr CORNAT, Remi Jean Noel (CNRS/IN2P3/Laboratoire Leprince-Ringuet (LLR))

Contribution ID: 43

Type: **not specified**

## Maximal number of events stored in SKIROC

*Thursday, 21 March 2013 09:10 (10 minutes)*

**Presenter:** TRAN, Trong Hieu (LLR –École polytechnique)

**Session Classification:** Electronics and DAQ

Contribution ID: 44

Type: **not specified**

## Needs & Plans for DAQ2

*Thursday, 21 March 2013 11:15 (10 minutes)*

**Presenter:** Dr BOUDRY, Vincent (LLR –École polytechnique, CNRS/IN2P3)

**Session Classification:** Electronics and DAQ

Contribution ID: 45

Type: **not specified**

## DIF FW developments

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

Contribution ID: 46

Type: **not specified**

## Discussion

*Thursday, 21 March 2013 11:25 (20 minutes)*

**Session Classification:** Electronics and DAQ



Contribution ID: 47

Type: **not specified**

## Understanding of SKIROC performance

*Friday, 22 March 2013 09:00 (15 minutes)*

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

**Session Classification:** ECAL

Contribution ID: 48

Type: **not specified**

## **Preliminary results on Si-W ECAL performance at Feb'2013 DESY test beam II**

*Friday, 22 March 2013 09:30 (15 minutes)*

**Presenters:** SUDO, Yuji (Kyushu University); Mr SUDO, Yuji (University of Tsukuba)

**Session Classification:** ECAL

Contribution ID: 49

Type: **not specified**

## SiECAL mechanics

*Friday, 22 March 2013 10:15 (15 minutes)*

**Presenters:** Mr GIRAUD, Julien (LPSC CNRS); GIRAUD, Julien Rene (Laboratoire de Physique Subatomique et de Cosmologie (LPSC)-Univ)

**Session Classification:** ECAL

Contribution ID: **50**

Type: **not specified**

## **Interconnection tests in magnetic field**

*Friday, 22 March 2013 09:45 (15 minutes)*

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

**Session Classification:** ECAL

Contribution ID: 51

Type: **not specified**

## Sc ECAL beam test report

*Friday, 22 March 2013 11:15 (15 minutes)*

**Presenter:** KOTERA, Katsushige (Shinshu University, Faculty of Science,)

**Session Classification:** ECAL

Contribution ID: 52

Type: **not specified**

## Sc ECAL progress

*Friday, 22 March 2013 11:30 (15 minutes)*

**Presenter:** Mr HAMASAKI, Ryutaro (Shinshu University)

**Session Classification:** ECAL

Contribution ID: 53

Type: **not specified**

## **tau reconstruction with ECAL**

*Friday, 22 March 2013 11:45 (15 minutes)*

**Presenter:** OGAWA, Tomohisa (Shinshu)

**Session Classification:** ECAL

Contribution ID: 54

Type: **not specified**

## **ECAL performance with dead channels and guard ring**

*Friday, 22 March 2013 11:00 (15 minutes)*

**Session Classification:** ECAL



Contribution ID: 55

Type: **not specified**

## Welcome & Technical Information

*Wednesday, 20 March 2013 09:00 (10 minutes)*

**Presenter:** GARUTTI, Erika (Deutsches Elektronen Synchrotron (DESY))

**Session Classification:** Opening

Contribution ID: 56

Type: **not specified**

## Welcome to Hamburg

*Wednesday, 20 March 2013 09:10 (20 minutes)*

**Presenter:** Prof. KLANNER, Robert (Hamburg University)

**Session Classification:** Opening

Contribution ID: 57

Type: **not specified**

## Introduction

*Wednesday, 20 March 2013 09:30 (20 minutes)*

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

**Session Classification:** Opening

Contribution ID: 58

Type: **not specified**

## Introduction

*Wednesday, 20 March 2013 09:50 (20 minutes)*

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

**Session Classification:** Opening

Contribution ID: 59

Type: **not specified**

## **DHCAL FNAL Data Analysis and Calibration**

*Wednesday, 20 March 2013 15:25 (20 minutes)*

**Presenter:** BILKI, Burak (University of Iowa-Unknown-Unknown)

**Session Classification:** Analysis II

Contribution ID: **60**

Type: **not specified**

## **Report from the Steering Board**

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

Contribution ID: **61**

Type: **not specified**

## **Report from the Technical Board**

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

Contribution ID: **62**

Type: **not specified**

## Concluding remarks



Contribution ID: **63**

Type: **not specified**

## **SiEcal plans**

*Friday, 22 March 2013 12:00 (15 minutes)*

**Presenter:** BALAGURA, Vladislav (ITEP Institute for Theoretical and Experimental Physics (RU))

**Session Classification:** ECAL

Contribution ID: 64

Type: **not specified**

## Report from the Steering Board

*Friday, 22 March 2013 12:45 (10 minutes)*

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

**Session Classification:** Closing remarks

Contribution ID: 65

Type: **not specified**

## Farewell

*Friday, 22 March 2013 12:55 (5 minutes)*

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

**Session Classification:** Closing remarks

Contribution ID: **66**

Type: **not specified**

## Discussion

*Friday, 22 March 2013 12:00 (20 minutes)*

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

**Session Classification:** Discussion