

# **CALICE Collaboration Meeting in Shinshu**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome at Shinshu University

*Monday, 5 March 2012 09:00 (20 minutes)*

**Presenter:** Prof. MIURA, Yoshimasa (Shinshu university, Trustee)

**Session Classification:** opening

Contribution ID: 1

Type: **not specified**

## Meeting organization

*Monday, 5 March 2012 09:20 (10 minutes)*

**Presenter:** TAKESHITA, Toru (Department of Physics - Faculty of Liberal Arts - Shinshu Univer)

**Session Classification:** opening

Contribution ID: 2

Type: **not specified**

## Overview

*Monday, 5 March 2012 09:30 (30 minutes)*

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

**Session Classification:** opening

Contribution ID: 3

Type: **not specified**

## Report from the Technical Board

*Monday, 5 March 2012 10:00 (30 minutes)*

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

**Session Classification:** opening

Contribution ID: 4

Type: **not specified**

## **Test beams 2012 and beyond**

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

Contribution ID: 5

Type: **not specified**

## Report from the Steering Board

*Wednesday, 7 March 2012 15:15 (10 minutes)*

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

**Session Classification:** Closing

Contribution ID: 6

Type: **not specified**

## Farewell

*Wednesday, 7 March 2012 15:25 (5 minutes)*

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

**Session Classification:** Closing



Contribution ID: 7

Type: **not specified**

## Analysis of the W-HCAL data

*Monday, 5 March 2012 11:00 (20 minutes)*

**Presenter:** LUCACI TIMOCE, Angela Isabela

**Session Classification:** Analysis I

Contribution ID: 8

Type: **not specified**

## **T3B Standalone Analysis - Calibration, Time Profile, Steel/Tungsten Comparison**

*Monday, 5 March 2012 12:00 (30 minutes)*

**Presenter:** Mr SOLDNER, Christian (Max-Planck-Institute for Physics)

**Session Classification:** Analysis I

Contribution ID: **10**

Type: **not specified**

## **DHCAL analysis updates**

*Monday, 5 March 2012 11:20 (20 minutes)*

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

**Session Classification:** Analysis I

Contribution ID: **11**

Type: **not specified**

## **T3B Synchronisation with CALICE**

*Monday, 5 March 2012 12:30 (20 minutes)*

**Presenter:** WEUSTE, Lars (Max-Planck-Institut für Physik)

**Session Classification:** Analysis I

Contribution ID: 12

Type: **not specified**

## **Track Segment Analysis - Update on Multiplicities**

*Monday, 5 March 2012 14:20 (20 minutes)*

**Presenter:** WEUSTE, Lars (Max Planck Institut für Physik)

**Session Classification:** analysis II

Contribution ID: 13

Type: **not specified**

## Fractal Dimensional Analysis

*Monday, 5 March 2012 14:40 (20 minutes)*

**Presenters:** RUAN, Manqi (CNRS); Dr BOUDRY, Vincent (LLR –École polytechnique, CNRS/IN2P3)

**Session Classification:** analysis II

Contribution ID: 14

Type: **not specified**

## **SiW ECAL: performance vs. number of layers**

*Monday, 5 March 2012 14:00 (20 minutes)*

**Presenter:** JEANS, Daniel (Ecole Polytechnique)

**Session Classification:** analysis II

Contribution ID: 15

Type: **not specified**

## **Comprehensive Measurements with KLauS chip and further integration**

*Tuesday, 6 March 2012 10:00 (15 minutes)*

**Presenter:** Mr SHEN, Wei (University of Heidelberg)

**Session Classification:** Electronics and DAQ 1



Contribution ID: 16

Type: **not specified**

## **AHCAL electronics**

*Tuesday, 6 March 2012 09:30 (15 minutes)*

**Presenter:** Dr GOETTLICHER, Peter (DESY)

**Session Classification:** Electronics and DAQ 1

Contribution ID: 17

Type: **not specified**

## Status of SPIROC2c

*Tuesday, 6 March 2012 09:45 (15 minutes)*

**Presenter:** RAUX, Ludovic (LAL)

**Session Classification:** Electronics and DAQ 1

Contribution ID: **18**

Type: **not specified**

## **SKIROC2 and FEV8**

*Tuesday, 6 March 2012 10:15 (15 minutes)*

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

**Session Classification:** Electronics and DAQ 1

Contribution ID: **19**

Type: **not specified**

## **News DIF and DAQ2**

*Tuesday, 6 March 2012 08:45 (15 minutes)*

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

**Session Classification:** Electronics and DAQ 1

Contribution ID: 20

Type: **not specified**

## GDCC

*Tuesday, 6 March 2012 09:00 (15 minutes)*

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

**Session Classification:** Electronics and DAQ 1

Contribution ID: 21

Type: **not specified**

## **new CCC for the March test-beam**

*Tuesday, 6 March 2012 09:15 (15 minutes)*

**Presenter:** WANKE, Rainer (Johannes-Gutenberg-Universitaet Mainz (DE))

**Session Classification:** Electronics and DAQ 1

Contribution ID: 22

Type: **not specified**

## Intermediate DAQ for SDHCAL

*Tuesday, 6 March 2012 08:30 (15 minutes)*

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

**Session Classification:** Electronics and DAQ 1

Contribution ID: 23

Type: **not specified**

## **CALICE software status**

*Monday, 5 March 2012 16:30 (5 minutes)*

**Primary author:** LU, Shaojun (DESY)

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

**Session Classification:** analysis (reserved) and software



Contribution ID: 24

Type: **not specified**

## ScECAL software status

*Monday, 5 March 2012 16:35 (15 minutes)*

**Presenter:** KOTERA, Katsushige (Shinshu University)

**Session Classification:** analysis (reserved) and software

Contribution ID: 25

Type: **not specified**

## **Reconstruction and simulation of DHCAL data**

*Monday, 5 March 2012 16:50 (15 minutes)*

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

**Session Classification:** analysis (reserved) and software

Contribution ID: 26

Type: **not specified**

## **SDHCAL software status**

*Monday, 5 March 2012 17:35 (15 minutes)*

**Presenter:** PUERTA PELAYO, Jesus (Centro de Investigaciones Energ. Medioambientales y Tecn. - (CIE))

**Session Classification:** analysis (reserved) and software

Contribution ID: 27

Type: **not specified**

## **AHCAL software status**

*Monday, 5 March 2012 17:05 (15 minutes)*

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

**Session Classification:** analysis (reserved) and software

Contribution ID: 28

Type: **not specified**

## Monte Carlo Production status

*Monday, 5 March 2012 17:20 (15 minutes)*

**Presenter:** WEUSTE, Lars (MPP Munich)

**Session Classification:** analysis (reserved) and software

Contribution ID: 29

Type: **not specified**

## **SCECAL analysis for the FNAL 2009 data**

*Monday, 5 March 2012 15:00 (20 minutes)*

**Presenter:** KHAN, adil (Kyungpook national University)

**Session Classification:** analysis II

Contribution ID: 30

Type: **not specified**

## **hybrid ECAL simulations for the resolutions and linearity**

*Monday, 5 March 2012 15:20 (20 minutes)*

**Presenter:** UENO, Hiraku (Kyushu)

**Session Classification:** analysis II

Contribution ID: 31

Type: **not specified**

## **Status of the AHCAL technological prototype**

*Tuesday, 6 March 2012 11:00 (25 minutes)*

**Presenters:** Dr TERWORT, Mark (ILC); TERWORT, Mark (DESY)

**Session Classification:** AHCAL



Contribution ID: 32

Type: **not specified**

## Optimization studies for single tile design

*Tuesday, 6 March 2012 11:50 (15 minutes)*

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

**Session Classification:** AHCAL

Contribution ID: 33

Type: **not specified**

## Calibration studies with optical fibres

*Tuesday, 6 March 2012 12:05 (15 minutes)*

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

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

**Session Classification:** AHCAL

Contribution ID: 34

Type: **not specified**

## **Studies on a scintillator strip HCAL**

*Tuesday, 6 March 2012 12:20 (15 minutes)*

**Presenter:** TAKESHITA, Toru (Department of Physics - Faculty of Liberal Arts - Shinshu Univer)

**Session Classification:** AHCAL

Contribution ID: 35

Type: **not specified**

## WHCAL beam tests

*Tuesday, 6 March 2012 14:30 (20 minutes)*

**Presenter:** VAN DER KRAAIJ, Erik

**Session Classification:** DHCAL

Contribution ID: **36**

Type: **not specified**

## **Si W ECAL status**

*Wednesday, 7 March 2012 10:35 (30 minutes)*

**Presenter:** JEANS, Daniel (Ecole Polytechnique)

**Session Classification:** DBD

Contribution ID: 37

Type: **not specified**

## Scint W ECAL status

*Wednesday, 7 March 2012 11:05 (30 minutes)*

**Presenter:** TAKESHITA, Toru (Department of Physics - Faculty of Liberal Arts - Shinshu Univer)

**Session Classification:** DBD

Contribution ID: **38**

Type: **not specified**

## **AHCAL status**

*Wednesday, 7 March 2012 11:35 (30 minutes)*

**Presenters:** Dr SIMON, Frank (Max-Planck-Institut fuer Physik); Dr TERWORT, Mark (ILC); TERWORT, Mark (DESY)

**Session Classification:** DBD

Contribution ID: 39

Type: **not specified**

## DHCAL status

*Wednesday, 7 March 2012 12:05 (30 minutes)*

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

**Session Classification:** DBD



Contribution ID: 40

Type: **not specified**

## **SDHCAL status**

*Wednesday, 7 March 2012 14:00 (30 minutes)*

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

**Session Classification:** DBD

Contribution ID: 41

Type: **not specified**

## Micromegas

*Wednesday, 7 March 2012 14:30 (20 minutes)*

**Presenter:** Dr ADLOFF, Catherine (LAPP-IN2P3/CNRS/Univ. Savoie)

**Session Classification:** DBD

Contribution ID: 42

Type: **not specified**

## **GEMs**

*Wednesday, 7 March 2012 10:15 (20 minutes)*

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

**Session Classification:** DBD

Contribution ID: 43

Type: **not specified**

## 4D shower simulation and digitization

*Monday, 5 March 2012 11:40 (20 minutes)*

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

**Session Classification:** Analysis I

Contribution ID: 44

Type: **not specified**

## **ECAL mechanical structure**

*Tuesday, 6 March 2012 16:30 (15 minutes)*

**Presenter:** Dr ANDUZE, Marc (LLR - Ecole polytechnique- CNRS/IN2P3)

**Session Classification:** ECAL

Contribution ID: 45

Type: **not specified**

## MPPC timing resolution

*Wednesday, 7 March 2012 09:00 (15 minutes)*

**Presenter:** KOBAYASHI (Shinshu University)

**Session Classification:** ECAL

Contribution ID: 46

Type: **not specified**

## **Study of Scintillator-MPPC unit**

*Wednesday, 7 March 2012 09:30 (15 minutes)*

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

**Session Classification:** ECAL

Contribution ID: 47

Type: **not specified**

## ScECAL Design in ILD and Technical Prototype Module

*Wednesday, 7 March 2012 09:15 (15 minutes)*

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

**Session Classification:** ECAL



Contribution ID: 48

Type: **not specified**

## Endcap and cooling studies

*Tuesday, 6 March 2012 16:45 (15 minutes)*

**Presenter:** Mr GRONDIN, Denis (LPSC-CNRS/IN2P3)

**Session Classification:** ECAL

Contribution ID: 49

Type: **not specified**

## **Silicon pad tests at Kyushu**

*Tuesday, 6 March 2012 17:00 (15 minutes)*

**Presenter:** OISHI (Kyushu university)

**Session Classification:** ECAL

Contribution ID: 50

Type: **not specified**

## **Interconnections and integration**

*Tuesday, 6 March 2012 17:15 (15 minutes)*

**Presenter:** CORNEBISE, Patrick (CNRS LAL Orsay)

**Session Classification:** ECAL

Contribution ID: 51

Type: **not specified**

## **Work on SiW Ecal Front End electronics at SKKU**

*Tuesday, 6 March 2012 17:30 (15 minutes)*

**Presenter:** CHAI, Jong-Seo (SKKU)

**Session Classification:** ECAL

Contribution ID: 52

Type: **not specified**

## **SiW ECAL: from proto to reality**

*Tuesday, 6 March 2012 17:45 (15 minutes)*

**Presenter:** BRIENT, Jean-Claude

**Session Classification:** ECAL

Contribution ID: 53

Type: **not specified**

## First results from ITEP Molded Tiles with Dimple

*Tuesday, 6 March 2012 11:25 (10 minutes)*

**Presenter:** Mr SOLDNER, Christian (Max-Planck-Institute for Physics)

**Session Classification:** AHCAL

Contribution ID: 54

Type: **not specified**

**test**

Contribution ID: 55

Type: **not specified**

## MPPC timing resolution

**Presenter:** KOBAYASHI



Contribution ID: 56

Type: **not specified**

## **scintillator light readout**

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

Contribution ID: 57

Type: **not specified**

## Measurement of SiPM Temperature Dependence

*Tuesday, 6 March 2012 11:35 (15 minutes)*

**Presenter:** Mr ECKERT, Patrick (Kirchhoff-Institut für Physik)

**Session Classification:** AHCAL

Contribution ID: 58

Type: **not specified**

## Proposal for a new LDA Layout

*Tuesday, 6 March 2012 12:35 (10 minutes)*

**Presenter:** WANKE, Rainer (Johannes-Gutenberg-Universitaet Mainz (DE))

**Session Classification:** AHCAL

Contribution ID: 59

Type: **not specified**

## **SDHCAL Preliminary Analysis TB Results**

*Monday, 5 March 2012 15:40 (20 minutes)*

**Presenters:** Mr HADDAD, Yacine (PHD student); HADDAD, Yacine (Ecole Polytechnique (FR))

**Session Classification:** analysis II

Contribution ID: **60**

Type: **not specified**

## Discussion

*Wednesday, 7 March 2012 14:50 (20 minutes)*

**Session Classification:** DBD

Contribution ID: **61**

Type: **not specified**

## **Combined calorimeters analysis using ScECAL**

*Monday, 5 March 2012 12:50 (20 minutes)*

**Presenter:** Mr BULANEK, Boris (DESY)

**Session Classification:** Analysis I

Contribution ID: 62

Type: **not specified**

## Status of the GRPC Semi-Digital Hadronic Calorimeter

*Tuesday, 6 March 2012 14:50 (30 minutes)*

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

**Session Classification:** DHCAL

Contribution ID: 63

Type: **not specified**

## Update on GEM DHCAL

*Tuesday, 6 March 2012 15:40 (20 minutes)*

**Presenter:** Prof. WHITE, Andy (UTA)

**Session Classification:** DHCAL



Contribution ID: 64

Type: **not specified**

## Update on Micromegas

*Tuesday, 6 March 2012 15:20 (20 minutes)*

**Presenter:** Dr ADLOFF, Catherine (LAPP-IN2P3/CNRS/Univ. Savoie)

**Session Classification:** DHCAL

Contribution ID: 65

Type: **not specified**

## **The DHCAL : an overview**

*Tuesday, 6 March 2012 16:00 (20 minutes)*

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

**Session Classification:** DHCAL