

# **CALICE week at Argonne**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Summary and conclusions

*Wednesday 19 March 2008 17:30 (30 minutes)*

**Presenter:** Dr BRIENT, Jean-Claude (LLR)

Contribution ID: 2

Type: **not specified**

## Registration

*Monday 17 March 2008 08:30 (1h 30m)*

Contribution ID: **3**

Type: **not specified**

## Welcome address

*Monday 17 March 2008 10:00 (15 minutes)*

Contribution ID: 4

Type: **not specified**

## **SEMINAR by Tony Zee**

*Wednesday 19 March 2008 11:00 (1h 15m)*

Contribution ID: 5

Type: **not specified**

## **DISCUSSION : CALICE and the new ILC Agenda/status**

*Monday 17 March 2008 16:30 (1 hour)*

Contribution ID: 6

Type: **not specified**

## Introduction

*Wednesday 19 March 2008 09:00 (5 minutes)*

**Presenter:** WARD, David (High Energy Physics Group, Cavendish Laboratory)

**Session Classification:** ANALYSIS I

Contribution ID: 7

Type: **not specified**

## Alignment of the ECAL layer

*Wednesday 19 March 2008 13:30 (20 minutes)*

**Presenter:** BOUMEDIENE, Djamel Eddine (Lab. de Physique Corpusculaire (LPC) - Inst. Nat. Phys. Nucl. et)

**Session Classification:** ANALYSIS II



Contribution ID: 8

Type: **not specified**

## **Status of the ECAL analysis paper**

*Wednesday 19 March 2008 14:35 (15 minutes)*

**Presenter:** CARLOGANU, Cristina (Lab. de Physique Corpusculaire (LPC) - Inst. Nat. Phys. Nucl. et)

**Session Classification:** ANALYSIS II

Contribution ID: 9

Type: **not specified**

## **Longitudinal electromagnetic shower analysis**

*Wednesday 19 March 2008 13:50 (20 minutes)*

**Presenter:** Dr BARTSCH, Valeria (UCL)

**Session Classification:** ANALYSIS II

Contribution ID: **10**

Type: **not specified**

## **[1] Si/W Ecal undersampling studies [2] Energy composition and transverse profiles of e-/e+ showers**

*Wednesday 19 March 2008 14:10 (20 minutes)*

**Presenter:** Dr MAVROMANOLAKIS, Georgios (University of Cambridge)

**Session Classification:** ANALYSIS II

Contribution ID: 11

Type: **not specified**

## **HCAL response to muons (by phone)**

*Wednesday 19 March 2008 09:05 (20 minutes)*

**Presenter:** NICOLA D'ASCENSO

**Session Classification:** ANALYSIS I

Contribution ID: 12

Type: **not specified**

## **Studies on leakage and shower topology (by phone)**

*Wednesday 19 March 2008 09:25 (20 minutes)*

**Presenter:** LUTZ, Benjamin (DESY)

**Session Classification:** ANALYSIS I

Contribution ID: 13

Type: **not specified**

## **HCAL analysis of electron, pion and event overlay data**

*Wednesday 19 March 2008 09:45 (20 minutes)*

**Presenter:** Dr GARUTTI, erika (DESY)

**Session Classification:** ANALYSIS I

Contribution ID: 14

Type: **not specified**

## **updates to the combined analysis**

*Wednesday 19 March 2008 10:05 (20 minutes)*

**Presenter:** LIMA, Guilherme (Northern Illinois University, USA)

**Session Classification:** ANALYSIS I

Contribution ID: 15

Type: **not specified**

## **Muon calibration in DHCAL**

*Wednesday 19 March 2008 16:30 (15 minutes)*

**Presenter:** BURAK BILKI

**Session Classification:** ANALYSIS III



Contribution ID: 16

Type: **not specified**

## Positron analysis in DHCAL

*Wednesday 19 March 2008 16:45 (15 minutes)*

**Presenter:** Dr MAVROMANOLAKIS, Georgios (University of Cambridge)

**Session Classification:** ANALYSIS III

Contribution ID: 17

Type: **not specified**

## **Pion analysis in DHCAL**

*Wednesday 19 March 2008 17:00 (20 minutes)*

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

**Session Classification:** ANALYSIS III

Contribution ID: **18**

Type: **not specified**

## **Status of Mokka (by phone)**

*Monday 17 March 2008 11:10 (20 minutes)*

**Presenter:** Mr MUSAT, Gabriel (CNRS)

**Session Classification:** Software for analysis

Contribution ID: **19**

Type: **not specified**

## **HCAL software status**

*Monday 17 March 2008 10:35 (20 minutes)*

**Presenter:** Dr LUCACI-TIMOCE, Angela (FLC, CALICE, DESY)

**Session Classification:** Software for analysis

Contribution ID: **20**

Type: **not specified**

## **CALICE DAQ for the DHcal - moved to DHcal session**

*Monday 17 March 2008 11:30 (1 minute)*

**Presenter:** SCHLERETH, James (High Energy Physics Division-Argonne National Laboratory)

**Session Classification:** Software for analysis

Contribution ID: 21

Type: **not specified**

## **ECal software status**

*Monday 17 March 2008 10:15 (20 minutes)*

**Presenter:** POESCHL, Roman

**Session Classification:** Software for analysis

Contribution ID: 22

Type: **not specified**

## Report from the SW review

*Monday 17 March 2008 11:30 (20 minutes)*

**Presenter:** Dr MAGILL, Stephen (Argonne National Laboratory)

**Session Classification:** Software for analysis

Contribution ID: 23

Type: **not specified**

## European DHCAL

*Tuesday 18 March 2008 16:00 (30 minutes)*

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

**Session Classification:** Digital HCAL



Contribution ID: 24

Type: **not specified**

## US DHCAL

*Tuesday 18 March 2008 16:30 (30 minutes)*

**Presenter:** Dr XIA, Lei (Argonne National Laboratory)

**Session Classification:** Digital HCAL

Contribution ID: 25

Type: **not specified**

## **GEMs**

*Tuesday 18 March 2008 17:40 (20 minutes)*

**Presenter:** YU, Jaehoon (University of Texas at Arlington)

**Session Classification:** Digital HCAL

Contribution ID: 26

Type: **not specified**

## TCMT software status

*Monday 17 March 2008 10:55 (15 minutes)*

**Presenter:** LIMA, Guilherme (Northern Illinois University)

**Session Classification:** Software for analysis

Contribution ID: 27

Type: **not specified**

## **SiW Prototype - Status before Fermilab**

*Tuesday 18 March 2008 09:00 (30 minutes)*

**Presenter:** Mr REINHARD, Marcel (LLR-Ecole Polytechnique)

**Session Classification:** ECAL W-Si

Contribution ID: 28

Type: **not specified**

## **Status of EUDET Module - An attempt to give/get an overview**

*Tuesday 18 March 2008 09:30 (30 minutes)*

**Presenter:** POESCHL, Roman

**Session Classification:** ECAL W-Si

Contribution ID: 29

Type: **not specified**

## **Silicon R&D for EUDET Module**

*Tuesday 18 March 2008 10:00 (25 minutes)*

**Presenter:** MORISSEAU, Francois (Laboratoire de Physique Corpusculaire Clermont-Ferrand (LPC)-In)

**Session Classification:** ECAL W-Si

Contribution ID: **30**

Type: **not specified**

## **SiPM and scintillator studies at ITEP**

*Tuesday 18 March 2008 11:15 (20 minutes)*

**Presenter:** Dr MIZUK, Roman (ITEP)

**Session Classification:** AHCAL - 1

Contribution ID: **31**

Type: **not specified**

## **EUDET module electronics integration**

*Tuesday 18 March 2008 11:35 (20 minutes)*

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

**Session Classification:** AHCAL - 1



Contribution ID: **32**

Type: **not specified**

## **Calibration and temperature corrections**

*Tuesday 18 March 2008 11:55 (20 minutes)*

**Presenter:** Mr KAPLAN, Alexander (University of Heidelberg / DESY FLC)

**Session Classification:** AHCAL - 1

Contribution ID: 33

Type: **not specified**

## Temperature corrections for hadron runs

*Tuesday 18 March 2008 13:30 (20 minutes)*

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

**Session Classification:** AHCAL - 2

Contribution ID: **34**

Type: **not specified**

## **SiPM response function in-situ studies**

*Tuesday 18 March 2008 13:50 (20 minutes)*

**Presenter:** EIGEN, Gerald (Department of Physics & Technology - University of Bergen)

**Session Classification:** AHCAL - 2

Contribution ID: 35

Type: **not specified**

## Calibration system development

*Tuesday 18 March 2008 14:10 (10 minutes)*

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

**Session Classification:** AHCAL - 2

Contribution ID: **36**

Type: **not specified**

## **Comments on calibration optical system**

*Tuesday 18 March 2008 14:20 (10 minutes)*

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

**Session Classification:** AHCAL - 2

Contribution ID: 37

Type: **not specified**

## **CALICE DAQ Software for the DHCAL**

*Tuesday 18 March 2008 17:00 (20 minutes)*

**Presenter:** SCHLERETH, James (High Energy Physics Division-Argonne National Laboratory)

**Session Classification:** Digital HCAL

Contribution ID: **38**

Type: **not specified**

## **ECAL scintillator beam tests: results and plan**

*Tuesday 18 March 2008 14:30 (30 minutes)*

**Presenter:** SATORU UOZUMI (KOBE)

**Session Classification:** ECAL scintillator

Contribution ID: **39**

Type: **not specified**

## **Status of MPPC R&D**

*Tuesday 18 March 2008 15:00 (20 minutes)*

**Presenter:** SATORU UOZUMI (KOBE)

**Session Classification:** ECAL scintillator



Contribution ID: **40**

Type: **not specified**

## **status of hardroc**

*Monday 17 March 2008 10:15 (20 minutes)*

**Presenter:** NATHALIE SEGUIN-MOREAU

**Session Classification:** Electronics readout

Contribution ID: 41

Type: **not specified**

## Results on SPIROC and SKIROC

*Monday 17 March 2008 10:35 (25 minutes)*

**Presenter:** JULIEN FLEURY

**Session Classification:** Electronics readout

Contribution ID: 42

Type: **not specified**

## Improvements of ROC chips digital part

*Monday 17 March 2008 11:00 (20 minutes)*

**Presenter:** FREDERIC DULUCQ

**Session Classification:** Electronics readout

Contribution ID: 43

Type: **not specified**

## **update on DAQ UK work**

*Monday 17 March 2008 11:20 (20 minutes)*

**Presenter:** VALERIA BARTSCH

**Session Classification:** Electronics readout

Contribution ID: 44

Type: **not specified**

## **discussion on ASICs production : modifications, plans & schedule**

*Monday 17 March 2008 12:00 (20 minutes)*

**Presenter:** C. DE LA TAILLE

**Session Classification:** Electronics readout

Contribution ID: 45

Type: **not specified**

## **Data taking experiences at the MTBF**

*Monday 17 March 2008 14:00 (20 minutes)*

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

**Session Classification:** Test beam strategy for 2008 (FNAL and other)

Contribution ID: 46

Type: **not specified**

## News from the MTBF beamline

*Monday 17 March 2008 14:20 (30 minutes)*

**Presenter:** Dr RAMBERG, Erik (Fermi National Accelerator Laboratory)

**Session Classification:** Test beam strategy for 2008 (FNAL and other)

Contribution ID: 47

Type: **not specified**

## **CALICE run plan at FNAL**

*Monday 17 March 2008 14:50 (30 minutes)*

**Presenter:** ZUTSHI, Vishnu Vikhyat (Northern Illinois University)

**Session Classification:** Test beam strategy for 2008 (FNAL and other)



Contribution ID: 48

Type: **not specified**

## Discussion

*Monday 17 March 2008 15:20 (40 minutes)*

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

**Session Classification:** Test beam strategy for 2008 (FNAL and other)

Contribution ID: 49

Type: **not specified**

## **AHCAL EUDET electronics integration**

*Monday 17 March 2008 11:40 (20 minutes)*

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

**Session Classification:** Electronics readout

Contribution ID: 50

Type: **not specified**

## Micromegas

*Tuesday 18 March 2008 17:20 (20 minutes)*

**Presenter:** Dr ADLOFF, Catherine Juliette (Universite de Savoie - LAPP)

**Session Classification:** Digital HCAL

Contribution ID: 51

Type: **not specified**

## **ECAL Angular resolution studies (by phone)**

*Wednesday 19 March 2008 10:25 (20 minutes)*

**Presenter:** RUAN, Manqi (Laboratoire de l'Accelérateur Lineaire (LAL) (IN2P3) (LAL) - Un)

**Session Classification:** ANALYSIS I

Contribution ID: 52

Type: **not specified**

## Mechanical R&D Ecal

*Tuesday 18 March 2008 10:25 (20 minutes)*

**Presenter:** GRONDIN, Denis Pierre (Lab. de Phys. Subatom. et Cosmolog. (LPSC) - Univ. Joseph Fourier)

**Session Classification:** ECAL W-Si