

Session Program

19-24 Apr 2015

Asian Linear Collider Workshop (ALCW2015)

CALICE

KEK
Tsukuba, Japan

Sunday 19 April

10:00

CALICE: Opening session

Session | **Location:** Kenkyu Honkan, Kobayashi Hall | **Conveners:** Felix Sefkow, Dr Jose Repond

10:00–10:05

Welcome

Speakers

Prof. Kiyotomo Kawagoe, Kiyotomo Kawagoe

10:30

10:05–10:25

Report from the Technical Board

Speaker

Roman Poeschl

10:30

CALICE: AHCAL

Session | **Location:** Kenkyu Honkan, Kobayashi Hall | **Convener:** Felix Sefkow

10:30–10:50

First look into AHCAL test beam data

Speaker

Eldwan Brianne

10:50–11:10

Software for the AHCAL technological prototype

Speaker

Lan Tran Huong

11:10–11:30

Studies of HCAL absorber structure stability

Speaker

Mr Karsten Gadow

11:30–11:50

HCAL studies at Shinshu

Speaker

Dr Tohru Takeshita

12:00

13:00

CALICE: AHCAL

Session | **Location:** Kenkyu Honkan, Kobayashi Hall | **Conveners:**
Felix Sefkow, Dr Frank Simon, Dr Christophe de LA TAILLE, Dr Jose Repond, Prof. Kiyotomo Kawagoe

13:00–13:20

SiPM and Scintillator Studies - Update from Munich

Speaker

Naomi van der Kolk

13:20–13:40

SiPM noise study and low-crosstalk SiPM measurements

Speaker

Dr Yong Liu

13:40–14:00

Surface-mounted HCAL unit: assembly and performance

Speaker

Phi Chau

14:00

14:00

CALICE: (S)DHCAL

Session | **Location:** Kenkyu Honkan, Kobayashi Hall | **Conveners:**
Dr Jose Repond, Prof. Andy White, Maximilien Chefdeville, Mr imad Iaktineh

14:00–14:35 **SDHCAL Developments**

Speaker
Mr imad Iaktineh

14:35–14:55 **MAPS ECAL status and plans**

Speaker
Nigel Watson

15:00

15:30

CALICE: Si ECAL

Session | **Location:** Kenkyu Honkan, Kobayashi Hall | **Conveners:** Vladislav Balagura, Prof. Kiyotomo Kawagoe

15:30–15:45 **Simulation study of various ECAL configurations (layers, pixels)**

Speaker
Mr Hiroki Sumida

15:45–16:00 **Particle identification in ILD**

Speaker
Mrs DAN YU

16:00–16:15 **Silicon sensor studies**

Speaker
Mr Shusuke Takada

16:15–16:30 **Neutron irradiation studies**

Speaker
Mr Hitoshi Nakanishi

16:30

16:30

CALICE: Si and Scint ECAL

Session | **Location:** Kenkyu Honkan, Kobayashi Hall | **Conveners:**
Vladislav Balagura, Dr Tohru Takeshita, Prof. Kiyotomo Kawagoe

16:30–17:00

Overview of production and first tests of new short slab with 16 SKIROCs and 4 sensors

Speaker
Dr Remi Jean Noel Cornat

17:00–17:15 **ECAL activities at LAL**

Speaker
Roman Poeschl

17:15–17:35 **Scintillator ECAL beam test at CERN 2014**

Speaker
Ms Sei IEKI

17:35–17:55 **Lessons from the beam test and their improvement**

Speaker
Katsushige Kotera

18:00

18:00
18:20

CALICE: Other applications

Session | **Location:** Kenkyu Honkan, Kobayashi Hall | **Conveners:** Felix Sefkow, Dr Jose Repond

18:00-18:20

DHCAL technology for Neutrinos

Speakers
Dr Jose Repond, Katja Krueger

Monday 20 April

11:00

CALICE: Electronics & DAQ

Session | **Location:** 4th Bldg. 1F, 4th Bldg. Seminar Room | **Conveners:**
Vincent Boudry, Dr Christophe de LA TAILLE

11:00-11:15 Analog Front-End of KLauS ASIC (TBC)

Speaker
Konrad Briggli

11:15-11:30 ADC developments (TBC)

Speaker
Dr Wei Shen

11:30-11:45 AHCAL electronics: components, and experience

Speaker
Katja Krueger

11:45-12:00 Status of dedicated ROC production run

Speaker
Stéphane Callier

12:00-12:15 EUDAQ for calo

Speaker
Dr Adrian Irles

12:20

13:55

CALICE: Electronics & DAQ

Session | **Location:** 4th Bldg. 1F, 4th Bldg. Seminar Room | **Conveners:**
Vincent Boudry, Dr Christophe de LA TAILLE

13:55-14:10 AHCAL DAQ

Speaker
Jiri Kvasnicka

14:10-14:30 Report from the DAQ TF

Speaker
Dr Taikan Suehara

14:30

14:30

CALICE: Analysis

Session | **Location:** 4th Bldg. 1F, 4th Bldg. Seminar Room | **Convener:** Dr Frank Simon

14:30-14:50 Semi-digital analysis of AHCAL

Speaker
Ms Coralie Neubüser

14:50-15:10 AHCAL digitisation

Speaker
Oskar Hartbrich

15:30

15:10–15:30 AHCAL optimisation**Speaker**

Lan Tran Huong

16:00

CALICE: Analysis**Session** | **Location:** 4th Bldg. 1F, 4th Bldg. Seminar Room | **Convener:** Dr Frank Simon**16:00–16:20 Status of test beam analysis of the FoCal prototype****Speaker**

Thomas Peitzmann

16:20–16:40**ANDORA, ARBOR and GARLIC separation power for two overlapping electromagnetic or electromagnetic-hadronic showers****Speaker**

Kostya Shpak

16:40–17:00 Tracks in the SiW Ecal**Speaker**

Mr Sviatoslav Bilokin

17:00–17:20 Analysis of CERN'14 TB data**Speaker**

Mr Hiroto Hirai

17:20–17:40 Scintillator ECAI and HCAL combined analysis**Speaker**

Oskar Hartbrich

17:40–17:55 Fe-DHCAL: Software compensation**Speaker**

Ms Coralie Neubüser

18:30

Tuesday 21 April

09:00

CALICE: Analysis

Session | **Location:** 4th Bldg. 1F, 4th Bldg. Seminar Room | **Convener:** Dr Frank Simon

09:00–09:20 SDHCAL Energy Resolution

Speaker

Laktineh Laktineh

09:20–09:40 Neural Network Energy Resolution

Speaker

Laktineh Laktineh

09:40–10:00 SDHCAL Digitiser

Speakers

Arnaud Steen, Laktineh Laktineh

10:00–10:20 Hadronic Shower Separation

Speakers

Remi Ete, Rémi Eté

10:30

11:00

CALICE: Analysis

Session | **Location:** 4th Bldg. 1F, 4th Bldg. Seminar Room | **Convener:** Dr Frank Simon

11:00–11:20 Systematics in the SiWECAL low-energy Hadron Shower paper

Speaker

Naomi van der Kolk

11:20–11:40 Systematics in the ScECAL DESY paper

Speaker

Dr Satoru Uozumi

11:40–12:00 Systematics in the recents W/Fe-AHCAL hadron shower papers

Speaker

Felix Sefkow

12:00–12:20 Systematics in the SDHCAL analysis

Speakers

Laktineh Laktineh, Mr imad laktineh

12:20–12:30 Report from the Speakers' Bureau

Speaker

Dr Frank Simon

12:30

14:00

CALICE: Discussion and Close-out

Session | **Location:** 4th Bldg. 1F, 4th Bldg. Seminar Room | **Convener:** Felix Sefkow

14:00–14:20 Min-DHCAL: Measurement of Positrons

15:00

Speaker

Ms Coralie Neubüser

14:20–14:30

Min-DHCAL: Measurement of Muons/Pions

Speaker

Ms Coralie Neubüser

14:30–14:50

Report from the Steering Board

Speaker

Felix Sefkow

14:50–15:00

Farewell

Speaker

Dr Frank Simon