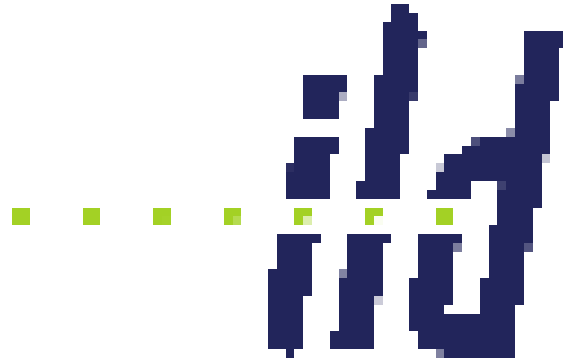


# ILD Workshop 2011 at LAL, Paris



## Report of Contributions

Contribution ID: 0

Type: **not specified**

# Welcome

*Monday, 23 May 2011 09:00 (15 minutes)*

**Session Classification:** Introduction

Contribution ID: 1

Type: **not specified**

## **Purpose and scope of the meeting**

*Monday, 23 May 2011 09:15 (30 minutes)*

**Presenter:** Dr SUGIMOTO, Yasuhiro (KEK)

**Session Classification:** Introduction

Contribution ID: 2

Type: **not specified**

## Report from ILC Project Manager

*Monday, 23 May 2011 10:15 (30 minutes)*

**Presenter:** Prof. YAMAMOTO, Akira (KEK)

**Session Classification:** Introduction

Contribution ID: 3

Type: **not specified**

## Report from the Research Director

*Monday, 23 May 2011 09:45 (30 minutes)*

per Webex

**Presenter:** YAMADA, Sakue (KEK)

**Session Classification:** Introduction

Contribution ID: 4

Type: **not specified**

## **Review of overall detector integration: short summary of requirements**

*Monday, 23 May 2011 11:15 (10 minutes)*

**Presenter:** Mr VIDEAU, Henri (LLR-Ecole polytechnique)

**Session Classification:** Subdetectors I

Contribution ID: 5

Type: **not specified**

## **VTX1: CMOS Status and Integration**

*Monday, 23 May 2011 11:25 (20 minutes)*

**Presenter:** Dr BAUDOT, Jerome (IPHC - Strasbourg)

**Session Classification:** Subdetectors I

Contribution ID: 6

Type: **not specified**

## **Silicon tracking 1**

*Monday, 23 May 2011 11:55 (15 minutes)*

**Session Classification:** Subdetectors I



Contribution ID: 7

Type: **not specified**

## **Silicon tracking 2, in particular forward tracking**

*Monday, 23 May 2011 12:10 (10 minutes)*

**Presenter:** VILA ALVAREZ, Ivan (Instituto de Fisica de Cantabria, Grupo de Altas Energias - Cons)

**Session Classification:** Subdetectors I

Contribution ID: 8

Type: **not specified**

## TPC

*Monday, 23 May 2011 12:20 (20 minutes)*

**Presenter:** TIMMERMANS, Jan (NIKHEF)

**Session Classification:** Subdetectors I

Contribution ID: 9

Type: **not specified**

## **CALICE: overall plans until 2012**

*Monday, 23 May 2011 14:00 (30 minutes)*

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

**Session Classification:** Subdetector II

Contribution ID: **10**

Type: **not specified**

## **ECAL review**

*Monday, 23 May 2011 14:30 (30 minutes)*

**Presenter:** Prof. KAWAGOE, Kiyotomo (Kobe university)

**Session Classification:** Subdetector II

Contribution ID: **11**

Type: **not specified**

## **Analogue HCAL review**

*Monday, 23 May 2011 15:00 (30 minutes)*

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

**Session Classification:** Subdetector II

Contribution ID: 12

Type: **not specified**

## Digital HCAL review

*Monday, 23 May 2011 15:30 (30 minutes)*

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

**Session Classification:** Subdetector II

Contribution ID: 13

Type: **not specified**

## **Coil: Requirements for ILD: discussion**

*Monday, 23 May 2011 17:40 (20 minutes)*

**Session Classification:** Subdetector III

Contribution ID: 14

Type: **not specified**

## **Muon system**

*Monday, 23 May 2011 17:05 (15 minutes)*

**Presenter:** Prof. SAVELIEV, Valeri (National Research Nuclear University)

**Session Classification:** Subdetector III



Contribution ID: 15

Type: **not specified**

## Forward Region

*Monday, 23 May 2011 16:30 (20 minutes)*

**Presenter:** Mr WIERBA, Wojciech (Institute of Nuclear Physics Polish Academy of Science)

**Session Classification:** Subdetector III

Contribution ID: 16

Type: **not specified**

## **ILD at CLIC: a status review**

*Monday, 23 May 2011 18:00 (30 minutes)*

**Presenter:** LINSSEN, Lucie (CERN)

**Session Classification:** Subdetector III

Contribution ID: 17

Type: **not specified**

# Discussion

Contribution ID: **18**

Type: **not specified**

## **Review: Backgrounds in ILD**

*Tuesday, 24 May 2011 11:00 (30 minutes)*

**Presenter:** Dr WICHMANN, Katarzyna (DESY)

**Session Classification:** Backgrounds in ILD

Contribution ID: 19

Type: **not specified**

## **Review: Backgrounds in the central tracking of ILD**

Contribution ID: 20

Type: **not specified**

## **Backgrounds in CLIC: what can we learn for ILD**

*Tuesday, 24 May 2011 11:30 (30 minutes)*

**Presenter:** SAILER, Andre (CERN, HU Berlin)

**Session Classification:** Backgrounds in ILD

Contribution ID: 21

Type: **not specified**

## Treatment of backgrounds in the DBD

*Tuesday, 24 May 2011 12:00 (20 minutes)*

**Presenter:** Prof. THOMSON, Mark (University of Cambridge)

**Session Classification:** Backgrounds in ILD

Contribution ID: 22

Type: **not specified**

## **ILD costing methodology and discussion**

*Wednesday, 25 May 2011 14:00 (35 minutes)*

**Presenter:** Mr VIDEAU, Henri (LLR-Ecole polytechnique)

**Session Classification:** Costing discussion



Contribution ID: 23

Type: **not specified**

## Discussion

*Wednesday, 25 May 2011 14:35 (10 minutes)*

**Session Classification:** Costing discussion

Contribution ID: 24

Type: **not specified**

## **Report from the ILD MDI/ integration group**

*Wednesday, 25 May 2011 09:20 (30 minutes)*

**Presenter:** Dr BUESSER, Karsten (DESY)

**Session Classification:** Detector Integration

Contribution ID: 25

Type: **not specified**

## **Discussion: open subdetector integration issues**

*Wednesday, 25 May 2011 09:50 (30 minutes)*

**Presenter:** Mr JORÉ, Matthieu (LAL (CNRS/in2p3))

**Session Classification:** Detector Integration

Contribution ID: 26

Type: **not specified**

## Summary of software pre-meeting

*Wednesday, 25 May 2011 10:40 (30 minutes)*

**Presenter:** MIYAMOTO, Akiya (KEK)

**Session Classification:** Software and Simulation

Contribution ID: 27

Type: **not specified**

## **Discussion/ possibly presentations: Subdetector status for the software baseline**

*Wednesday, 25 May 2011 11:25 (1 hour)*

**Session Classification:** Software and Simulation

Contribution ID: 28

Type: **not specified**

## **Discussion: definition of the software baseline**

Contribution ID: 29

Type: **not specified**

## **Plans of the Software group towards the DBD**

*Wednesday, 25 May 2011 11:10 (15 minutes)*

**Presenter:** GAEDE, Frank (DESY)

**Session Classification:** Software and Simulation

Contribution ID: **30**

Type: **not specified**

## **VTX2: FPCCD Status**

*Monday, 23 May 2011 11:45 (10 minutes)*

**Presenter:** Dr SUGIMOTO, Yasuhiro (KEK)

**Session Classification:** Subdetectors I



Contribution ID: **31**

Type: **not specified**

## **Introduction**

*Tuesday, 24 May 2011 14:00 (30 minutes)*

**Presenter:** OSBORNE, John Andrew (CERN)

**Session Classification:** CFS Discussion

Contribution ID: 32

Type: **not specified**

## **Push-pull Platform Studies and Simulations**

*Tuesday, 24 May 2011 14:30 (30 minutes)*

**Presenter:** ORIUNNO, Marco (SLAC National Accelerator Laboratory)

**Session Classification:** CFS Discussion

Contribution ID: 33

Type: **not specified**

## Status of IR Design for CLIC

*Tuesday, 24 May 2011 15:00 (30 minutes)*

**Presenters:** GADDI, Andrea (CERN); GERWIG, Hubert (CERN)

**Session Classification:** CFS Discussion

Contribution ID: **34**

Type: **not specified**

## **Discussion**

*Tuesday, 24 May 2011 15:30 (30 minutes)*

**Session Classification:** CFS Discussion

Contribution ID: 35

Type: **not specified**

## Discussion and Overflow

*Tuesday, 24 May 2011 16:30 (2 hours)*

**Session Classification:** CFS Discussion

Contribution ID: **36**

Type: **not specified**

## **Discussion**

*Monday, 23 May 2011 12:40 (20 minutes)*

**Session Classification:** Subdetectors I

Contribution ID: 37

Type: **not specified**

## Recent Coil developments at CLIC

*Monday, 23 May 2011 17:20 (20 minutes)*

**Presenter:** GADDI, Andrea (CERN)

**Session Classification:** Subdetector III

Contribution ID: **38**

Type: **not specified**

## **Optimisation of the muon system for CLIC**

*Monday, 23 May 2011 16:50 (15 minutes)*

**Presenter:** VAN DER KRAAIJ, Erik

**Session Classification:** Subdetector III



Contribution ID: **39**

Type: **not specified**

## Software baseline

**Presenter:** GAEDE, Frank (DESY)

Contribution ID: 40

Type: **not specified**

## **Integration: conclusions from the meeting**

Contribution ID: 41

Type: **not specified**

## **ILD schedule and next steps**

*Wednesday, 25 May 2011 15:00 (50 minutes)*

**Presenters:** Dr BEHNKE, Ties (DESY); Dr SUGIMOTO, Yasuhiro (KEK)

**Session Classification:** Discussion

Contribution ID: 42

Type: **not specified**

## **Improvements in jet/flavor reconstruction and its application to ZHH**

*Tuesday, 24 May 2011 09:00 (30 minutes)*

**Presenter:** Dr SUEHARA, Taikan (The University of Tokyo)

**Session Classification:** Analysis I

Contribution ID: 43

Type: **not specified**

## **Particle Flow and Particle ID Performance with ILD**

*Tuesday, 24 May 2011 09:30 (30 minutes)*

**Presenter:** Dr MARSHALL, John (University of Cambridge)

**Session Classification:** Analysis I

Contribution ID: 44

Type: **not specified**

## **Progress with SDHCAL reconstruction**

*Tuesday, 24 May 2011 10:00 (30 minutes)*

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

**Session Classification:** Analysis I

Contribution ID: 45

Type: **not specified**

## **Results from the model-independent WIMP study**

*Tuesday, 24 May 2011 14:00 (20 minutes)*

**Presenter:** Dr LIST, Jenny (DESY)

**Session Classification:** Analysis II

Contribution ID: 46

Type: **not specified**

## Fast simulation of ILD

*Tuesday, 24 May 2011 14:20 (25 minutes)*

**Presenter:** BERGGREN, Mikael (DESY Hamburg)

**Session Classification:** Analysis II



Contribution ID: 47

Type: **not specified**

## **Little Higgs with T-parity model at 1TeV using quick simulator**

*Tuesday, 24 May 2011 14:45 (20 minutes)*

**Presenter:** KATO, Eriko (tohoku univ)

**Session Classification:** Analysis II

Contribution ID: 48

Type: **not specified**

## **CLIC experience of using Whizard and Pythia**

*Tuesday, 24 May 2011 15:05 (20 minutes)*

**Presenter:** Dr POSS, Stephane (CERN)

**Session Classification:** Analysis II

Contribution ID: 49

Type: **not specified**

## Top mass analysis

*Tuesday, 24 May 2011 15:25 (25 minutes)*

**Presenter:** Mr DOUBLET, Philippe (LAL)

**Session Classification:** Analysis II

Contribution ID: 50

Type: **not specified**

## Status of Higgs Branching ratio

*Tuesday, 24 May 2011 16:30 (20 minutes)*

**Presenter:** Mr ONO, Hiroaki (Nippon Dental University)

**Session Classification:** Analysis III

Contribution ID: 51

Type: **not specified**

## Status of ttH

*Tuesday, 24 May 2011 16:50 (20 minutes)*

**Presenter:** Ms TABASSAM, Hajrah (Univerisity Of Edinburgh)

**Session Classification:** Analysis III

Contribution ID: 52

Type: **not specified**

## **Measurement of CP violation in the MSSM neutralino sector at the ILC**

*Tuesday, 24 May 2011 17:10 (20 minutes)*

**Presenter:** Dr TERWORT, Mark (ILC)

**Session Classification:** Analysis III

Contribution ID: 53

Type: **not specified**

## **Towards and updated ILC physics case: BSM+plans**

*Wednesday, 25 May 2011 09:00 (20 minutes)*

**Presenter:** Dr LIST, Jenny (DESY)

**Session Classification:** Analysis IV