

ILD Workshop at Seoul

Report of Contributions

Contribution ID: 0

Type: **not specified**

Coil/Yoke

Authors: KIRCHER, Francois (DAPNIA - Centre d'Etudes de Saclay (CEA-Saclay)); YAMAOKA, Hiroshi (KEK)

Presenter: Dr SCHNEEKLOTH, Uwe (DESY)

Contribution ID: 1

Type: **not specified**

Muon

Author: ZUTSHI, Vishnu Vikhyat (Northern Illinois University)

Contribution ID: 2

Type: **not specified**

Vertex

Tuesday 17 February 2009 09:45 (30 minutes)

Authors: WINTER, Marc (Institut de Recherches Subatomiques (IReS)); Dr SUGIMOTO, Yasuhiro (KEK)

Presenter: WINTER, Marc (Institut de Recherches Subatomiques (IReS))

Session Classification: Subdetector Issues I

Contribution ID: 3

Type: **not specified**

Silicon Tracking

Tuesday 17 February 2009 11:00 (30 minutes)

Author: Dr SAVOY-NAVARRO, Aurore (LPNHE-UPMC/CNRS-IN2P3)

Presenter: Dr SAVOY-NAVARRO, Aurore (LPNHE-Paris/CNRS-IN2P3)

Session Classification: Subdetector Issues II

Contribution ID: 4

Type: **not specified**

TPC

Tuesday 17 February 2009 11:30 (30 minutes)

Author: Dr SETTLES, Ron (Max-Planck-Institut fuer Physik)

Presenter: Dr FUJII, Keisuke (KEK)

Session Classification: Subdetector Issues II

Contribution ID: 5

Type: **not specified**

ECAL/HCAL

Authors: SEFKOW, Felix (DESY); Dr BRIENT, Jean-Claude (LLR); Prof. KAWAGOE, Kiyotomo (Kobe university); Mr LAKTINEH, imad (ipnl)

Presenter: Mr LAKTINEH, imad (ipnl)

Contribution ID: 6

Type: **not specified**

FCAL

Tuesday 17 February 2009 14:00 (30 minutes)

Author: LOHMANN, Wolfgang (DESY)

Presenter: LOHMANN, Wolfgang (DESY)

Session Classification: Subdetector Issues III

Contribution ID: 8

Type: **not specified**

Cost Review

Wednesday 18 February 2009 10:45 (30 minutes)

Authors: Mr VIDEAU, Henri (LLR-Ecole polytechnique); Dr SANUKI, Tomoyuki (University of Tokyo); MAKIDA, Yasuhiro (High Energy Accelerator Res. Organ. (KEK))

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

Session Classification: Cost Review

Contribution ID: 9

Type: **not specified**

Higgs recoil mass analysis

Monday 16 February 2009 09:30 (30 minutes)

Presenters: Mr LI, Hengne (LAL / Orsay); ITO, Kazutoshi (Tohoku university)

Session Classification: Physics/Optimization I

Contribution ID: **10**

Type: **not specified**

Introduction: Status and Goals of ILD at Seoul

Monday 16 February 2009 09:10 (20 minutes)

Presenter: Dr BEHNKE, Ties (DESY)

Session Classification: Introduction, Goals of the meeting

Contribution ID: **11**

Type: **not specified**

Study of $ZH \rightarrow \nu\nu qq$

Monday 16 February 2009 10:00 (15 minutes)

Presenter: YOSHIDA, Kohei (Tohoku University)

Session Classification: Physics/Optimization I

Contribution ID: **12**

Type: **not specified**

ZH->qqqq

Monday 16 February 2009 10:15 (15 minutes)

Presenter: Dr YAN, Wenbiao (University of Cambridge)

Session Classification: Physics/Optimization I

Contribution ID: 13

Type: **not specified**

Higgs branching ratios for ZH->llqq (via web-ex)

Monday 16 February 2009 16:15 (15 minutes)

Presenter: Mr TABASSAM, Hajrah (University of Edinburgh)

Session Classification: Physics/ Optimzation IV

Contribution ID: 15

Type: **not specified**

Benchmark analysis of tau-pairs

Monday 16 February 2009 11:00 (20 minutes)

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

Session Classification: Physics/Optimization II

Contribution ID: 16

Type: **not specified**

SUSY point 5 chargino & neutralino: part I

Monday 16 February 2009 11:20 (15 minutes)

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

Session Classification: Physics/Optimization II

Contribution ID: 17

Type: **not specified**

SUSY point 5 chargino & neutralino: part II

Monday 16 February 2009 11:35 (15 minutes)

Presenter: Dr LIST, Jenny (DESY)

Session Classification: Physics/Optimization II

Contribution ID: **18**

Type: **not specified**

Top pair production I

Tuesday 17 February 2009 09:00 (20 minutes)

Presenter: Mr MOLL, Andreas (Max Planck Institut fuer Physik Munich)

Session Classification: Physics/ Optimzation V

Contribution ID: **19**

Type: **not specified**

Top pair production II

Tuesday 17 February 2009 09:20 (15 minutes)

Presenter: Dr IKEMATSU, Katsumasa (KEK/IPNS)

Session Classification: Physics/ Optimzation V

Contribution ID: **20**

Type: **not specified**

ZHH at 500 GeV

Monday 16 February 2009 13:30 (15 minutes)

Presenter: Mr GIANNELLI, Michele (RHUL)

Session Classification: Physics/Optimization III

Contribution ID: 21

Type: **not specified**

WWvv/ZZvv at 1 TeV

Monday 16 February 2009 13:45 (15 minutes)

Presenter: Dr YAN, Wenbiao (University of Cambridge)

Session Classification: Physics/Optimization III

Contribution ID: 22

Type: **not specified**

SPS1a' tau polarisation and mass measurement

Monday 16 February 2009 14:00 (15 minutes)

Authors: STEMPEL, Olga (DESY); Mr SCHADE, Peter (DESY)

Presenter: BERGGREN, Mikael (DESY Hamburg)

Session Classification: Physics/Optimization III

Contribution ID: 23

Type: **not specified**

SPS1a' Smuon, Chargino, Neutralino mass measurement

Monday 16 February 2009 14:15 (15 minutes)

Author: Mr D'ASCENZO, Nicola (DESY)

Presenter: BECHTLE, Philip (DESY)

Session Classification: Physics/Optimization III

Contribution ID: 24

Type: **not specified**

Model independent WIMP search

Monday 16 February 2009 14:30 (15 minutes)

Author: BARTELS, Christoph (DESY)

Presenter: Dr LIST, Jenny (DESY)

Session Classification: Physics/Optimization III

Contribution ID: 25

Type: **not specified**

Non-pointing photons as signature for GMSB

Monday 16 February 2009 14:45 (15 minutes)

Author: WATTIMENA, Nanda (DESY)

Presenter: BERGGREN, Mikael (DESY Hamburg)

Session Classification: Physics/Optimization III

Contribution ID: 26

Type: **not specified**

Polarisation measurement from WW

Monday 16 February 2009 16:30 (15 minutes)

Presenter: Mr MARCHESINI, Ivan (DESY)

Session Classification: Physics/ Optimization IV

Contribution ID: 27

Type: **not specified**

Measurement of Littest Higgs Parameters at ILC

Monday 16 February 2009 16:45 (15 minutes)

Presenter: Mr SASAKI, Rei (Tohoku Univercity)

Session Classification: Physics/ Optimzation IV

Contribution ID: 28

Type: **not specified**

LHC/ILD SUSY fitting

Monday 16 February 2009 17:00 (15 minutes)

Presenter: BECHTLE, Philip (DESY)

Session Classification: Physics/ Optimzation IV

Contribution ID: 29

Type: **not specified**

Welcome

Monday 16 February 2009 09:00 (10 minutes)

Session Classification: Introduction, Goals of the meeting

Contribution ID: **30**

Type: **not specified**

ECAL Si_W

Tuesday 17 February 2009 13:00 (15 minutes)

Presenter: JEANS, Daniel (Ecole Polytechnique)

Session Classification: Subdetector Issues III

Contribution ID: **31**

Type: **not specified**

ECAL Scintillator

Tuesday 17 February 2009 13:15 (15 minutes)

Presenter: Dr UOZUMI, Satoru (Shinshu University)

Session Classification: Subdetector Issues III

Contribution ID: **32**

Type: **not specified**

Digital HCAL

Tuesday 17 February 2009 13:30 (15 minutes)

Presenter: Mr LAKTINEH, imad (ipnl)

Session Classification: Subdetector Issues III

Contribution ID: 33

Type: **not specified**

Analogue HCAL

Tuesday 17 February 2009 13:45 (15 minutes)

Presenter: SEFKOW, Felix (DESY)

Session Classification: Subdetector Issues III

Contribution ID: 34

Type: **not specified**

Where do we go from here

Wednesday 18 February 2009 12:45 (30 minutes)

Presenter: Prof. YAMAMOTO, Hitoshi (Tohoku University)

Session Classification: Next Steps

Contribution ID: 35

Type: **not specified**

MDI and Integration in the LoI

Overview of MDI and Integration

Presenter: Dr BUESSER, Karsten (DESY)

Contribution ID: 36

Type: **not specified**

Progress on the Yoke Design

Monday 16 February 2009 17:30 (20 minutes)

Presenter: Dr SCHNEEKLOTH, Uwe (DESY)

Session Classification: MDI Issues I

Contribution ID: 37

Type: **not specified**

Integration of calorimeters, trackers, beam pipes and forward instruments

Monday 16 February 2009 17:50 (20 minutes)

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

Session Classification: MDI Issues I

Contribution ID: **38**

Type: **not specified**

Detector magnet design

Monday 16 February 2009 18:10 (20 minutes)

Presenters: KIRCHER, Francois (DAPNIA - Centre d'Etudes de Saclay (CEA-Saclay)); Dr BUESSER, Karsten (DESY)

Session Classification: MDI Issues I

Contribution ID: 39

Type: **not specified**

Design principle of beam pipe

Monday 16 February 2009 18:30 (20 minutes)

Presenters: Mr VIDEAU, Henri (LLR-Ecole polytechnique); Dr ANDUZE, Marc (LLR - Ecole polytechnique- CNRS/IN2P3); Mr JORÉ, Matthieu (LAL (CNRS/in2p3))

Session Classification: MDI Issues I

Contribution ID: 40

Type: **not specified**

Wakefield, loss in the beam pipe (technical aspect)

Monday 16 February 2009 18:50 (20 minutes)

Presenter: Dr SUETSUGU, Yusuke (KEK)

Session Classification: MDI Issues I

Contribution ID: 41

Type: **not specified**

MDI Overview and Summary

Wednesday 18 February 2009 09:00 (30 minutes)

Presenters: Dr BUESSER, Karsten (DESY); Dr TAUCHI, Toshiaki (KEK)

Session Classification: MDI Issues II

Contribution ID: 42

Type: **not specified**

Push-pull operation

Wednesday 18 February 2009 09:30 (15 minutes)

Presenter: Dr TAUCHI, Toshiaki (KEK)

Session Classification: MDI Issues II

Contribution ID: 43

Type: **not specified**

R&Ds after the LoI, focused on the engineering tasks

Wednesday 18 February 2009 09:45 (20 minutes)

Summary by the technical coordinators

Presenters: Mr SINRAM, Klaus (DESY); Mr JORÉ, Matthieu (LAL (CNRS/in2p3)); Dr SANUKI, Tomoyuki (University of Tokyo)

Session Classification: MDI Issues II

Contribution ID: 44

Type: **not specified**

Integration issues

open questions, options and necessary R&Ds for the engineering design studies
discussion with sub-groups for support, cabling, services etc. .

Contribution ID: 45

Type: **not specified**

Future plan after the LoI

Contribution ID: 46

Type: **not specified**

Photon reconstruction in the ECAL

Monday 16 February 2009 15:00 (15 minutes)

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

Session Classification: Physics/Optimization III

Contribution ID: 47

Type: **not specified**

QD0 support pillar / Yoke endcap design comparison

Tuesday 17 February 2009 16:00 (15 minutes)

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

Session Classification: Parallel Session

Contribution ID: 48

Type: **not specified**

Sliding shields around the beam line

Tuesday 17 February 2009 16:15 (15 minutes)

Presenter: Mr SINRAM, Klaus (DESY)

Session Classification: Parallel Session

Contribution ID: 49

Type: **not specified**

Self-shielding property

Tuesday 17 February 2009 16:30 (15 minutes)

Presenters: Dr TAUCHI, Toshiaki (KEK); Dr SANAMI, Toshiya (SLAC)

Session Classification: Parallel Session

Contribution ID: 50

Type: **not specified**

Rigidness of the cryostat

Tuesday 17 February 2009 16:45 (15 minutes)

Presenter: YAMAOKA, Hiroshi (KEK)

Session Classification: Parallel Session

Contribution ID: 51

Type: **not specified**

Cylindrical and rectangular support tube

Tuesday 17 February 2009 17:00 (15 minutes)

Presenter: YAMAOKA, Hiroshi (KEK)

Session Classification: Parallel Session

Contribution ID: 52

Type: **not specified**

ILD dimensions

Tuesday 17 February 2009 17:15 (15 minutes)

Presenter: Mrs CLERC, Catherine (LLR-Ecole polytechnique CNRS-In2p3)

Session Classification: Parallel Session

Contribution ID: 53

Type: **not specified**

3D-CAD and CATIA system

Tuesday 17 February 2009 17:30 (15 minutes)

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

Session Classification: Parallel Session

Contribution ID: 54

Type: **not specified**

Beryllium beam pipe issues

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

Contribution ID: 55

Type: **not specified**

Beryllium beam pipe issues

Tuesday 17 February 2009 17:45 (15 minutes)

Presenters: Mr VIDEAU, Henri (LLR-Ecole polytechnique); Dr ANDUZE, Marc (LLR - Ecole polytechnique- CNRS/IN2P3); Mr JORÉ, Matthieu (LAL (CNRS/in2p3))

Session Classification: Parallel Session

Contribution ID: 56

Type: **not specified**

Concept of platform and environment

Tuesday 17 February 2009 18:00 (15 minutes)

Presenter: HERVE, Alain (CERN)

Session Classification: Parallel Session

Contribution ID: 57

Type: **not specified**

Questions from sub-detector groups

Tuesday 17 February 2009 15:00 (30 minutes)

Session Classification: Integration Discussion

Contribution ID: 58

Type: **not specified**

Discussion on integration of sub-detectors

Tuesday 17 February 2009 15:30 (30 minutes)

Session Classification: Integration Discussion

Contribution ID: 59

Type: **not specified**

Possible coil developments

Tuesday 17 February 2009 18:15 (15 minutes)

Presenter: HERVE, Alain (CERN)

Session Classification: Parallel Session

Contribution ID: **60**

Type: **not specified**

Report on Performance and Optimization Section in the LOI

Wednesday 18 February 2009 11:45 (10 minutes)

Presenter: Dr TAKUBO, Yosuke (Tohoku University)

Session Classification: General Discussions

Contribution ID: 61

Type: **not specified**

Forward Tracking

Tuesday 17 February 2009 17:00 (30 minutes)

A brief overview of the physics case for a high performance forward tracking system is given. A few particular challenges of this region are discussed. Finally, a status report on the work towards an engineered design is given.

Author: Dr VOS, Marcel (IFIC Valencia)**Presenter:** Dr VOS, Marcel (IFIC Valencia)**Session Classification:** Parallel Session