

## **2. LC FORUM Meeting**

# **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome

*Thursday, 14 July 2011 09:00 (10 minutes)*

**Session Classification:** LC status

Contribution ID: 1

Type: **not specified**

## Status of the (I)LC

*Thursday, 14 July 2011 09:10 (40 minutes)*

**Primary author:** FOSTER, Brian

**Presenter:** FOSTER, Brian

**Session Classification:** LC status

Contribution ID: 2

Type: **not specified**

## ILC Detector Overview

Contribution ID: 3

Type: **not specified**

## CLIC Detector Overview

*Thursday, 14 July 2011 10:00 (30 minutes)*

**Primary author:** SEIDEL, Katja

**Presenter:** SEIDEL, Katja

**Session Classification:** LC status

Contribution ID: 4

Type: **not specified**

## **Present and possible future implications for the CMSSM from the non-discovery of SUSY at the LHC**

*Thursday, 14 July 2011 11:20 (15 minutes)*

**Presenter:** Prof. KRÄMER, Michael (RWTH Aachen)

**Session Classification:** Impact LHC data on (I)LC prospects

Contribution ID: 5

Type: **not specified**

## **EWPO and bounds from LHC data**

*Thursday, 14 July 2011 11:35 (15 minutes)*

**Presenter:** ZEUNE, Lisa

**Session Classification:** Impact LHC data on (I)LC prospects

Contribution ID: 6

Type: **not specified**

## **Implications of SUSY searches at the LHC for the LC**

*Thursday, 14 July 2011 11:50 (15 minutes)*

**Presenter:** HEINEMEYER, Sven (IFCA (CSIC, Santander))

**Session Classification:** Impact LHC data on (I)LC prospects



Contribution ID: 7

Type: **not specified**

## Discussion

*Thursday, 14 July 2011 12:05 (55 minutes)*

**Session Classification:** Impact LHC data on (I)LC prospects

Contribution ID: 8

Type: **not specified**

## Luminosity calculations for the ILC

*Thursday, 14 July 2011 14:00 (20 minutes)*

**Presenter:** MALYSHEVA, Larisa

**Session Classification:** Spin tracking and polarimetry

Contribution ID: 9

Type: **not specified**

## **Spin tracking of ILC Post-damping Ring spin rotator**

*Thursday, 14 July 2011 14:20 (20 minutes)*

**Presenter:** Mr KOVALENKO, Valentyn (DESY/University of Hamburg)

**Session Classification:** Spin tracking and polarimetry

Contribution ID: 11

Type: **not specified**

## **Spin Tracking Studies for Polarimetry at the ILC**

*Thursday, 14 July 2011 14:40 (20 minutes)*

**Primary author:** BECKMANN, Moritz

**Presenter:** BECKMANN, Moritz

**Session Classification:** Spin tracking and polarimetry

Contribution ID: 12

Type: **not specified**

## **Spin asymmetry in electron scattering: A bridge between atomic and nuclear physics**

*Thursday, 14 July 2011 15:00 (20 minutes)*

**Primary author:** JAKUBASSA-AMUNDSEN, Doris

**Presenter:** JAKUBASSA-AMUNDSEN, Doris

**Session Classification:** Spin tracking and polarimetry

Contribution ID: 13

Type: **not specified**

## **Polarimeter cross calibration experiment at Mainz**

*Thursday, 14 July 2011 15:20 (20 minutes)*

**Primary author:** AULENBACHER, Kurt

**Presenter:** AULENBACHER, Kurt

**Session Classification:** Spin tracking and polarimetry

Contribution ID: 14

Type: **not specified**

## **Analysis of Polarimeter Testbeam Data**

*Thursday, 14 July 2011 15:40 (20 minutes)*

**Primary author:** VAUTH, Annika

**Presenter:** VAUTH, Annika

**Session Classification:** Spin tracking and polarimetry

Contribution ID: 15

Type: **not specified**

## **FCAL: testbeam results**

*Thursday, 14 July 2011 16:50 (20 minutes)*

**Primary author:** NOVGORODOVA, Olga

**Presenter:** NOVGORODOVA, Olga

**Session Classification:** Detector, TGC and Higgs



Contribution ID: 16

Type: **not specified**

## **Ivan Marchesini: WW triple gauge couplings and polarization**

**Primary author:** MARCHESINI, Ivan

Contribution ID: 17

Type: **not specified**

## **Top quark polarization at a polarized linear $e^+e^-$ collider**

*Friday, 15 July 2011 10:40 (20 minutes)*

**Primary author:** KOERNER, Juergen

**Presenter:** KOERNER, Juergen

**Session Classification:** TTT-Targets,Tools andTop

Contribution ID: **18**

Type: **not specified**

## **New spectra in the HEIDI models**

*Thursday, 14 July 2011 17:45 (20 minutes)*

**Primary author:** VAN DER BIJ, Jochum

**Presenter:** VAN DER BIJ, Jochum

**Session Classification:** Detector, TGC and Higgs

Contribution ID: 19

Type: **not specified**

## **Determining the CP parity of neutral Higgs bosons in the tau decay channel**

*Thursday, 14 July 2011 18:25 (20 minutes)*

**Primary author:** BERGE, Stefan

**Presenter:** BERGE, Stefan

**Session Classification:** Detector, TGC and Higgs

Contribution ID: 20

Type: **not specified**

# Higgs selfcoupling in composite Higgs model at the ILC

*Thursday, 14 July 2011 18:05 (20 minutes)*

**Primary author:** GROEBER, Ramona

**Presenter:** GROEBER, Ramona

**Session Classification:** Detector, TGC and Higgs

Contribution ID: 21

Type: **not specified**

## **Gouxing Xia: Plasma Wakefield Acceleratio**

**Primary author:** XIA, Gouxing

Contribution ID: 22

Type: **not specified**

## Target shock waves

*Friday, 15 July 2011 09:20 (20 minutes)*

**Primary author:** ADEYEMI, Olufemi

**Presenter:** ADEYEMI, Olufemi

**Session Classification:** TTT-Targets,Tools andTop

Contribution ID: 23

Type: **not specified**

## **Heat load at the ILC positron target and collimator system**

*Friday, 15 July 2011 09:00 (20 minutes)*

**Primary author:** STAUFENBIEL, Friedrich

**Presenter:** STAUFENBIEL, Friedrich

**Session Classification:** TTT-Targets,Tools andTop



Contribution ID: 24

Type: **not specified**

## **Parametrising Particle Flow for a Fast Simulation of ILC**

*Friday, 15 July 2011 09:40 (20 minutes)*

**Primary author:** CHERA, Madalina

**Presenter:** CHERA, Madalina

**Session Classification:** TTT-Targets,Tools andTop

Contribution ID: 25

Type: **not specified**

## Status of the WHIZARD package

*Friday, 15 July 2011 10:00 (20 minutes)*

**Primary author:** SPECKNER, Christian

**Presenter:** SPECKNER, Christian

**Session Classification:** TTT-Targets,Tools andTop

Contribution ID: 26

Type: **not specified**

## **A framework for the analysis of extensions of the MSSM**

*Friday, 15 July 2011 10:20 (20 minutes)*

**Primary author:** STAUB, Florian

**Presenter:** STAUB, Florian

**Session Classification:** TTT-Targets,Tools andTop

Contribution ID: 27

Type: **not specified**

## **The electron one-loop correction in the Furry picture**

*Friday, 15 July 2011 11:30 (20 minutes)*

**Primary author:** HARTIN, Anthony

**Presenter:** HARTIN, Anthony

**Session Classification:** Loops and SUSY

Contribution ID: 28

Type: **not specified**

## Measurement of CP-violation at the ILC

*Friday, 15 July 2011 11:50 (20 minutes)*

**Primary author:** ROLBIECKI, Krzysztof

**Presenter:** ROLBIECKI, Krzysztof

**Session Classification:** Loops and SUSY

Contribution ID: 29

Type: **not specified**

## **Chargino production at a future LC in the MSSM with complex parameters: NLO corrections**

*Friday, 15 July 2011 12:10 (20 minutes)*

**Primary author:** BHARUCHA, Aoife

**Presenter:** BHARUCHA, Aoife

**Session Classification:** Loops and SUSY

Contribution ID: 30

Type: **not specified**

## **Studying new SUSY models at ILD - a user's approach in the case of bilinear R-parity violation**

*Friday, 15 July 2011 12:30 (20 minutes)*

**Primary author:** VORMWALD, Benedikt

**Presenter:** VORMWALD, Benedikt

**Session Classification:** Loops and SUSY

Contribution ID: **31**

Type: **not specified**

## **Measuring a light neutralino mass at the ILC**

*Friday, 15 July 2011 12:50 (20 minutes)*

**Primary author:** CONLEY, John

**Presenter:** CONLEY, John

**Session Classification:** Loops and SUSY



Contribution ID: 32

Type: **not specified**

## **Lepton flavor violation in SUSY Left-Right models**

*Friday, 15 July 2011 13:10 (20 minutes)*

**Primary author:** VICENTE, Avelino

**Presenter:** VICENTE, Avelino

**Session Classification:** Loops and SUSY

Contribution ID: 33

Type: **not specified**

## Plasma Wakefield Acceleration

*Thursday, 14 July 2011 10:30 (20 minutes)*

**Primary author:** XIA, Guoxing

**Presenter:** XIA, Guoxing

**Session Classification:** LC status

Contribution ID: 34

Type: **not specified**

## **WW triple gauge couplings and polarization**

*Thursday, 14 July 2011 17:10 (20 minutes)*

**Primary author:** MARCHESINI, Ivan

**Presenter:** MARCHESINI, Ivan

**Session Classification:** Detector, TGC and Higgs

Contribution ID: 35

Type: **not specified**

## Track Finding with Hough Transformation for TPC Data

*Thursday, 14 July 2011 16:30 (20 minutes)*

**Primary author:** HEINZE, Isa

**Presenter:** HEINZE, Isa

**Session Classification:** Detector, TGC and Higgs

Contribution ID: 36

Type: **not specified**

## Probing $Z'$ through $e^+e^- \rightarrow WW$

*Thursday, 14 July 2011 17:30 (15 minutes)*

**Primary author:** POULOSE, Poulouse

**Presenter:** POULOSE, Poulouse

**Session Classification:** Detector, TGC and Higgs

Contribution ID: 37

Type: **not specified**

## **News from ECFA, ICFA and Strategy 2012**

*Thursday, 14 July 2011 09:50 (10 minutes)*

**Primary author:** MNICH, Joachim (DESY)

**Presenter:** MNICH, Joachim (DESY)

**Session Classification:** LC status