

# **ECFA workshop on physics and detectors at the ILC**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Greeting from hosts**

*Monday, 14 November 2005 09:00 (15 minutes)*

**Session Classification:** Plenary I

Contribution ID: 2

Type: **not specified**

## **News and Charge to the Workshop**

*Monday, 14 November 2005 09:15 (25 minutes)*

**Primary author:** F. RICHARD (LAL/Orsay)

**Presenter:** F. RICHARD (LAL/Orsay)

**Session Classification:** Plenary I

Contribution ID: 3

Type: **not specified**

## The Design of ILC

*Monday, 14 November 2005 09:40 (30 minutes)*

**Primary author:** O. NAPOLY (Dapnia/Saclay)

**Presenter:** O. NAPOLY (Dapnia/Saclay)

**Session Classification:** Plenary I

Contribution ID: 4

Type: **not specified**

## Plans for EUDET

*Monday, 14 November 2005 10:10 (20 minutes)*

**Primary author:** J. MNICH (DESY)

**Presenter:** J. MNICH (DESY)

**Session Classification:** Plenary I

Contribution ID: 5

Type: **not specified**

## **Coffee Break**

*Monday, 14 November 2005 10:30 (30 minutes)*

**Session Classification:** Plenary I

Contribution ID: 6

Type: **not specified**

## **EW+Alt (FJ2), Cosmology (MLH), Vertex general (FJ1), DAQ (MTH)**

*Monday, 14 November 2005 14:00 (1h 30m)*

**Session Classification:** Parallel

Contribution ID: 7

Type: **not specified**

## **Coffee Break**

*Monday, 14 November 2005 15:30 (30 minutes)*

**Session Classification:** Parallel



Contribution ID: 8

Type: **not specified**

## **Calorimetry (FJ1), Susy (MLH), EW+ALT (FJ2), G-G Physics (MTH)**

*Monday, 14 November 2005 16:00 (1h 30m)*

**Session Classification:** Parallel

Contribution ID: 9

Type: **not specified**

## **MDI**

*Monday, 14 November 2005 17:30 (1 hour)*

**Primary author:** P. BAMBADE (LAL) + G. BLAIR (RHUL)

**Presenter:** P. BAMBADE (LAL) + G. BLAIR (RHUL)

**Session Classification:** Plenary

Contribution ID: **10**

Type: **not specified**

## **Higgs (FJ1), QCD+top (MTH), BDIR (FJ2), Simulation/reconstruction (MLH)**

*Tuesday, 15 November 2005 09:00 (1h 30m)*

**Session Classification:** Parallel

Contribution ID: 11

Type: **not specified**

## **Lunch Break**

*Tuesday, 15 November 2005 12:30 (30 minutes)*

**Session Classification:** Parallel

Contribution ID: 12

Type: **not specified**

## Coffee Break

*Tuesday, 15 November 2005 10:30 (30 minutes)*

**Session Classification:** Parallel

Contribution ID: 13

Type: **not specified**

## **SUSY+G-G Physics (MLH), Detector Performance (FJ1), Loopverein (FJ2)**

*Tuesday, 15 November 2005 11:00 (1h 30m)*

**Session Classification:** Parallel

Contribution ID: 14

Type: **not specified**

## SiD Concept

*Tuesday, 15 November 2005 13:00 (1 hour)*

**Primary author:** YANNIS KARYOTAKIS (LAPP / IN2P3)

**Presenter:** YANNIS KARYOTAKIS (LAPP / IN2P3)

**Session Classification:** Parallel

Contribution ID: 15

Type: **not specified**

## **Vertex specialists (MLH), Loopverein (MTH), Polarisation (FJ2), Tracking (FJ1)**

*Tuesday, 15 November 2005 14:00 (1h 30m)*

**Session Classification:** Parallel



Contribution ID: **16**

Type: **not specified**

## **Coffee Break**

*Tuesday, 15 November 2005 15:30 (30 minutes)*

**Session Classification:** Parallel

Contribution ID: 17

Type: **not specified**

## **G-G Tech (MTH), SUSY (FJ2), Tracking (FJ1), Calorimetry (MLH), Loopverein (SCH)**

*Tuesday, 15 November 2005 16:00 (1h 30m)*

**Session Classification:** Parallel

Contribution ID: **18**

Type: **not specified**

## **Trigger/DAQ issues in the next few years**

*Tuesday, 15 November 2005 17:30 (20 minutes)*

**Primary author:** P. LE DU (Dapnia/Saclay)

**Presenter:** P. LE DU (Dapnia/Saclay)

**Session Classification:** Plenary

Contribution ID: 19

Type: **not specified**

## **R&D on Detectors**

*Tuesday, 15 November 2005 17:50 (20 minutes)*

**Primary author:** CH. DAMERELL (RAL)

**Presenter:** CH. DAMERELL (RAL)

**Session Classification:** Plenary

Contribution ID: 20

Type: **not specified**

## **The very forward region**

*Tuesday, 15 November 2005 18:10 (20 minutes)*

**Primary author:** R. INGBIR (Tel Aviv Univ.)

**Presenter:** R. INGBIR (Tel Aviv Univ.)

**Session Classification:** Plenary

Contribution ID: 21

Type: **not specified**

## **Higgs (MLH), Cal+others (FJ1), Generators+SUSY (FJ2), BDIR (MTH)**

*Wednesday, 16 November 2005 09:00 (1h 15m)*

**Session Classification:** Parallel

Contribution ID: 22

Type: **not specified**

## Coffee Break

*Wednesday, 16 November 2005 10:15 (30 minutes)*

**Session Classification:** Parallel

Contribution ID: 23

Type: **not specified**

## **Cosmology (FJ2), Tracking (MLH), Cal+others (FJ1), BDIR (MTH)**

*Wednesday, 16 November 2005 10:45 (1h 45m)*

**Session Classification:** Parallel



Contribution ID: 24

Type: **not specified**

## **The GLD Concept**

*Wednesday, 16 November 2005 13:00 (1 hour)*

**Session Classification:** Parallel

Contribution ID: 25

Type: **not specified**

## **Lunch Break**

*Wednesday, 16 November 2005 12:30 (30 minutes)*

**Session Classification:** Parallel

Contribution ID: 26

Type: **not specified**

## Coffee Break

*Wednesday, 16 November 2005 16:00 (30 minutes)*

**Session Classification:** Plenary, Software Tools and their use

Contribution ID: 27

Type: **not specified**

## **Introduction to software tools**

*Wednesday, 16 November 2005 14:00 (20 minutes)*

**Primary author:** F. GAEDE (DESY)

**Presenter:** F. GAEDE (DESY)

**Session Classification:** Plenary, Software Tools and their use

Contribution ID: 28

Type: **not specified**

## Particle flow

*Wednesday, 16 November 2005 14:20 (20 minutes)*

**Primary author:** M. THOMSON (University of Cambridge)

**Presenter:** M. THOMSON (University of Cambridge)

**Session Classification:** Plenary, Software Tools and their use

Contribution ID: 29

Type: **not specified**

## **b-tagging**

*Wednesday, 16 November 2005 14:40 (20 minutes)*

**Primary author:** S. HILLERT (University of Oxford)

**Presenter:** S. HILLERT (University of Oxford)

**Session Classification:** Plenary, Software Tools and their use

Contribution ID: **30**

Type: **not specified**

## Physics benchmarks

*Wednesday, 16 November 2005 15:00 (15 minutes)*

**Primary author:** M. BATTAGLIA (UC Berkeley and LBL)

**Presenter:** M. BATTAGLIA (UC Berkeley and LBL)

**Session Classification:** Plenary, Software Tools and their use

Contribution ID: **31**

Type: **not specified**

## **Analysis plans and results**

*Wednesday, 16 November 2005 15:15 (20 minutes)*

**Primary author:** P. GAY (LPC-UBP-IN2P3)

**Presenter:** P. GAY (LPC-UBP-IN2P3)

**Session Classification:** Plenary, Software Tools and their use



Contribution ID: **32**

Type: **not specified**

## Discussion

*Wednesday, 16 November 2005 15:35 (25 minutes)*

**Primary author:** ALL

**Presenter:** ALL

**Session Classification:** Plenary, Software Tools and their use

Contribution ID: 33

Type: **not specified**

## **Polarisation+BDIR (MTH), Tracking (MLH), Simulation/Reconstruction (FJ2), Calorimetry (FJ1)**

*Wednesday, 16 November 2005 16:30 (1h 30m)*

**Session Classification:** Parallel

Contribution ID: **34**

Type: **not specified**

## Calorimetry

*Thursday, 17 November 2005 09:00 (15 minutes)*

**Primary author:** JC BRIENT (LLR/Palaiseau)

**Presenter:** JC BRIENT (LLR/Palaiseau)

**Session Classification:** Final Plenary I Reports from the WG

Contribution ID: 35

Type: **not specified**

## Tracking

*Thursday, 17 November 2005 09:15 (15 minutes)*

**Primary author:** M. RONAN (LNBL/Berkeley)

**Presenter:** M. RONAN (LNBL/Berkeley)

**Session Classification:** Final Plenary I Reports from the WG

Contribution ID: **36**

Type: **not specified**

## **vertexing**

*Thursday, 17 November 2005 09:30 (10 minutes)*

**Primary author:** M. WINTER (IReS-Strasbourg)

**Presenter:** M. WINTER (IReS-Strasbourg)

**Session Classification:** Final Plenary I Reports from the WG

Contribution ID: 37

Type: **not specified**

## Higgs

*Thursday, 17 November 2005 09:40 (10 minutes)*

**Primary author:** P. LUTZ (DAPNIA/Saclay)

**Presenter:** P. LUTZ (DAPNIA/Saclay)

**Session Classification:** Final Plenary I Reports from the WG

Contribution ID: **38**

Type: **not specified**

## **Cosmology**

*Thursday, 17 November 2005 09:50 (10 minutes)*

**Primary author:** S. KRAML (OeAW & CERN)

**Presenter:** S. KRAML (OeAW & CERN)

**Session Classification:** Final Plenary I Reports from the WG

Contribution ID: **39**

Type: **not specified**

## **Loopverein**

*Thursday, 17 November 2005 10:00 (15 minutes)*

**Primary author:** G. PASSARINO (Univ. of Torino)

**Presenter:** G. PASSARINO (Univ. of Torino)

**Session Classification:** Final Plenary I Reports from the WG



Contribution ID: 40

Type: **not specified**

## **gam-gam & e-gam technical**

*Thursday, 17 November 2005 10:15 (10 minutes)*

**Primary author:** V. TELNOV (BINP/Novosibirsk)

**Presenter:** V. TELNOV (BINP/Novosibirsk)

**Session Classification:** Final Plenary I Reports from the WG

Contribution ID: 41

Type: **not specified**

## The 3 Detector Concepts

*Monday, 14 November 2005 11:00 (45 minutes)*

**Primary author:** K. MOENIG (DESY/LAL)

**Presenter:** K. MOENIG (DESY/LAL)

**Session Classification:** Plenary II

Contribution ID: 42

Type: **not specified**

## **A new Concept**

*Monday, 14 November 2005 11:45 (20 minutes)*

**Primary author:** J. HAUPTMAN (Iowa State Univ.)

**Presenter:** J. HAUPTMAN (Iowa State Univ.)

**Session Classification:** Plenary II

Contribution ID: 43

Type: **not specified**

## **Investigating SUSY Dark Matter at the ILC**

*Monday, 14 November 2005 12:05 (25 minutes)*

**Primary author:** W. POROD (IFIC-CSIC Valencia)

**Presenter:** W. POROD (IFIC-CSIC Valencia)

**Session Classification:** Plenary II

Contribution ID: 44

Type: **not specified**

## **Lunch Break**

*Monday, 14 November 2005 12:30 (1h 30m)*

**Session Classification:** Plenary II

Contribution ID: 45

Type: **not specified**

## SUSY

*Thursday, 17 November 2005 11:00 (15 minutes)*

**Primary author:** G. BELANGER (LAPTH/Annecy)

**Presenter:** G. BELANGER (LAPTH/Annecy)

**Session Classification:** Final Plenary II Reports from the WG

Contribution ID: 46

Type: **not specified**

## Generators

*Thursday, 17 November 2005 11:15 (10 minutes)*

**Primary author:** S. MORETTI (Univ. of Southampton)

**Presenter:** S. MORETTI (Univ. of Southampton)

**Session Classification:** Final Plenary II Reports from the WG

Contribution ID: 47

Type: **not specified**

## **Polar + BDIR**

*Thursday, 17 November 2005 11:25 (15 minutes)*

**Primary author:** G. MOORTGART-PICK CERN P. BAMBADE LAL/ORSAY

**Presenter:** G. MOORTGART-PICK CERN P. BAMBADE LAL/ORSAY

**Session Classification:** Final Plenary II Reports from the WG



Contribution ID: 48

Type: **not specified**

## **EW+Alt**

*Thursday, 17 November 2005 11:40 (15 minutes)*

**Primary author:** G. PASZTOR (UC Riverside)

**Presenter:** G. PASZTOR (UC Riverside)

**Session Classification:** Final Plenary II Reports from the WG

Contribution ID: 49

Type: **not specified**

## QCD+top

*Thursday, 17 November 2005 11:55 (10 minutes)*

**Primary author:** S. BOOGERT (UCL/London)

**Presenter:** S. BOOGERT (UCL/London)

**Session Classification:** Final Plenary II Reports from the WG