

# **ILC Software Workshop**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## The LCFIVertex package

*Thursday 3 May 2007 09:00 (20 minutes)*

**Presenter:** Dr HILLERT, Sonja (Oxford)

**Session Classification:** Tracking

Contribution ID: 1

Type: **not specified**

## Track resolution studies with the LiC Toy Monte Carlo tool

*Thursday 3 May 2007 10:20 (20 minutes)*

**Presenters:** REGLER, Meinhard (Institut fuer Hochenergiephysik (HEPHY) - Oesterreichische Akad.); MITAROFF, Winfried (Institut fuer Hochenergiephysik (HEPHY) - Oesterreichische Akade)

**Session Classification:** Tracking

Contribution ID: 2

Type: **not specified**

## LDC Tracking

*Thursday 3 May 2007 09:40 (20 minutes)*

**Presenter:** RASPEREZA, Alexei (MPI Munich)

**Session Classification:** Tracking

Contribution ID: 5

Type: **not specified**

## Sid Tracking

*Thursday 3 May 2007 10:00 (20 minutes)*

**Presenter:** GRAF, Norman (SLAC)

**Session Classification:** Tracking

Contribution ID: 6

Type: **not specified**

## Calorimeter segmentation and PFA performance

*Thursday 3 May 2007 10:40 (20 minutes)*

**Presenter:** Mr ONO, Hiroaki (Niigata University)

**Session Classification:** Tracking

Contribution ID: 7

Type: **not specified**

## **SiLC tracking: simulation studies**

*Thursday 3 May 2007 09:20 (20 minutes)*

**Presenter:** VOS, Marcel (Instituto de Fisica Corpuscular (IFIC) - Universidad de Valencia)

**Session Classification:** Tracking

Contribution ID: 8

Type: **not specified**

## **PFA in the forth concept**

**Presenter:** Dr GATTO, Corrado (INFN)



Contribution ID: 9

Type: **not specified**

## **PFA in the GLD Concept**

**Presenter:** SOMEBODY, from GLD

Contribution ID: **10**

Type: **not specified**

## 4th Concept

*Thursday 3 May 2007 11:30 (30 minutes)*

**Presenter:** MAZZACANE, Anna

**Session Classification:** Jet Energy Resolution I

Contribution ID: 11

Type: **not specified**

## **GLD PFA study**

*Thursday 3 May 2007 12:00 (30 minutes)*

**Presenter:** Dr YOSHIOKA, Tamaki (ICEPP, Univ. of Tokyo)

**Session Classification:** Jet Energy Resolution I

Contribution ID: 12

Type: **not specified**

## **PFA Studies for SiD Concept**

*Thursday 3 May 2007 12:30 (30 minutes)*

**Presenter:** Dr MAGILL, Stephen (Argonne National Laboratory)

**Session Classification:** Jet Energy Resolution I

Contribution ID: 13

Type: **not specified**

## Pandora PFA

*Thursday 3 May 2007 14:00 (30 minutes)*

**Presenter:** Dr THOMSON, Mark (University of Cambridge)

**Session Classification:** Jet Energy Resolution II

Contribution ID: 14

Type: **not specified**

## **PFA Studies DESY I**

*Thursday 3 May 2007 14:30 (20 minutes)*

**Presenter:** KRSTONOSIC, Predrag (DESY)

**Session Classification:** Jet Energy Resolution II

Contribution ID: 15

Type: **not specified**

## **Analysis of Hadronic Showers**

*Thursday 3 May 2007 15:10 (30 minutes)*

**Presenter:** Dr MORGUNOV, Vassily (ITEP Moscow/DESY)

**Session Classification:** Jet Energy Resolution II

Contribution ID: 16

Type: **not specified**

## **PFA vs. Jet Energy Measurement**

*Thursday 3 May 2007 15:40 (20 minutes)*

**Presenter:** Dr BRIENT, Jean-Claude (LLR)

**Session Classification:** Jet Energy Resolution II



Contribution ID: 17

Type: **not specified**

# Trilinear Couplings

*Friday 4 May 2007 09:00 (15 minutes)*

**Presenter:** BOUMEDIENE, Djamel Eddine (Lab. de Physique Corpusculaire (LPC) - Inst. Nat. Phys. Nucl. et)

**Session Classification:** Results on Physics Studies

Contribution ID: **18**

Type: **not specified**

## **Comparisons of PFA's**

*Friday 4 May 2007 09:15 (15 minutes)*

**Presenter:** Mr GIANNELLI, Michele (RHUL)

**Session Classification:** Results on Physics Studies

Contribution ID: 19

Type: **not specified**

## **Comparison of Pandora PFA and Wolf Pandora on the WW scattering**

*Friday 4 May 2007 09:30 (15 minutes)*

**Presenter:** Dr YAN, Wenbiao (University of Cambridge)

**Session Classification:** Results on Physics Studies

Contribution ID: 20

Type: **not specified**

## Higgs -> WW

*Friday 4 May 2007 09:45 (15 minutes)*

**Presenter:** WICHMANN, Katarzyna (Desy)

**Session Classification:** Results on Physics Studies

Contribution ID: 23

Type: **not specified**

## US Study

*Friday 4 May 2007 10:00 (15 minutes)*

**Presenter:** GRAF, Norman (SLAC)

**Session Classification:** Results on Physics Studies

Contribution ID: 24

Type: **not specified**

## Clustering Algorithms in Testbeam data

*Friday 4 May 2007 10:15 (15 minutes)*

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

**Session Classification:** Results on Physics Studies

Contribution ID: 25

Type: **not specified**

## **ILC Software in future testbeam data taking**

*Friday 4 May 2007 11:30 (30 minutes)*

**Presenter:** POESCHL, Roman

**Session Classification:** The next steps ...

Contribution ID: 26

Type: **not specified**

## Concluding remarks - The way ahead ...

*Friday 4 May 2007 12:00 (1 hour)*

**Presenter:** Dr BEHNKE, Ties (DESY)

**Session Classification:** The next steps ...



Contribution ID: 27

Type: **not specified**

## Welcome Note

*Wednesday 2 May 2007 14:00 (10 minutes)*

**Presenter:** COUCHOT, Francois (LAL Orsay)

**Session Classification:** ILC Software Tools

Contribution ID: **28**

Type: **not specified**

## **LDC Core Software**

*Wednesday 2 May 2007 14:10 (20 minutes)*

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

**Session Classification:** ILC Software Tools

Contribution ID: 29

Type: **not specified**

## **ILCsoft Installation Tool**

*Wednesday 2 May 2007 14:30 (10 minutes)*

**Presenter:** ENGELS, Jan (DESY)

**Session Classification:** ILC Software Tools

Contribution ID: **30**

Type: **not specified**

## Status of Mokka

*Wednesday 2 May 2007 14:40 (20 minutes)*

**Presenter:** MORA DE FREITAS, Paulo (LLR)

**Session Classification:** ILC Software Tools

Contribution ID: **33**

Type: **not specified**

## **Tools in SiD Study**

*Wednesday 2 May 2007 15:00 (20 minutes)*

**Presenter:** GRAF, Norman (SLAC)

**Session Classification:** ILC Software Tools

Contribution ID: **34**

Type: **not specified**

## **Tools in GLD Study**

*Wednesday 2 May 2007 15:20 (20 minutes)*

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

**Session Classification:** ILC Software Tools

Contribution ID: 35

Type: **not specified**

## **Tools in 4th Concept Study**

*Wednesday 2 May 2007 15:40 (20 minutes)*

**Presenter:** Dr GATTO, Corrado (INFN)

**Session Classification:** ILC Software Tools

Contribution ID: 36

Type: **not specified**

## **Grid Computing: Current and Future Developments**

*Wednesday 2 May 2007 16:55 (20 minutes)*

**Presenter:** GELLRICH, Gellrich (Deutsches Elektronen Synchrotron (DESY))

**Session Classification:** ILC Software Tools



Contribution ID: 37

Type: **not specified**

## **Grid in/for Calice**

*Wednesday 2 May 2007 17:15 (20 minutes)*

**Presenter:** POESCHL, Roman

**Session Classification:** ILC Software Tools

Contribution ID: **38**

Type: **not specified**

## **ILC Studies using the Grid**

*Wednesday 2 May 2007 17:35 (15 minutes)*

**Presenter:** Mr VOGEL, Adrian (DESY)

**Session Classification:** ILC Software Tools

Contribution ID: **40**

Type: **not specified**

## **ILC Software Tutorial**

*Wednesday 2 May 2007 17:50 (45 minutes)*

Using the MarlinGUI and more issues you always wanted to know ;-)

**Presenters:** GAEDE, Frank (DESY); ENGELS, Jan (DESY)

**Session Classification:** ILC Software Tools

Contribution ID: 41

Type: **not specified**

## Discussion on Tools

*Wednesday 2 May 2007 18:35 (20 minutes)*

Trajectory Class, Event Displays etc ...

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

**Session Classification:** ILC Software Tools

Contribution ID: 42

Type: **not specified**

## **Progress on the RAVE/VERTIGO vertex reconstruction toolkit**

*Wednesday 2 May 2007 16:40 (15 minutes)*

**Presenter:** Dr WALTENBERGER, Wolfgang (Wien)

**Session Classification:** ILC Software Tools

Contribution ID: 43

Type: **not specified**

## **Status of Silicon Tracker digitization in MarlinReco**

*Thursday 3 May 2007 17:10 (15 minutes)*

**Presenter:** SHULGA, Sergei (JINR Dubna)

Contribution ID: 44

Type: **not specified**

## Physics Study in 4th Concept

*Friday 4 May 2007 10:30 (15 minutes)*

**Presenter:** Dr GATTO, Corrado (INFN)

**Session Classification:** Results on Physics Studies

Contribution ID: 46

Type: **not specified**

## The MarlinTPC package

*Wednesday 2 May 2007 16:25 (15 minutes)*

**Presenter:** KILLENBERG, Martin (Physikalisches Institut - Rheinische Friedrich-Wilhelms-Universität Bonn)

**Session Classification:** ILC Software Tools



Contribution ID: 47

Type: **not specified**

## **PFA Studies DESY II**

*Thursday 3 May 2007 14:50 (20 minutes)*

**Presenter:** Mr WENDT, Oliver (DESY)

**Session Classification:** Jet Energy Resolution II

Contribution ID: 48

Type: **not specified**

## ZH $\rightarrow$ l+l- X at 230 GeV

*Friday 4 May 2007 10:45 (15 minutes)*

**Presenter:** Mr OHLERICH, Martin (DESY Zeuthen)

**Session Classification:** Results on Physics Studies

Contribution ID: 49

Type: **not specified**

## **Guinea-Pig: Beam-beam interaction simulation tool status**

*Thursday 3 May 2007 16:30 (10 minutes)*

**Presenter:** Dr RIMBAULT, Cecile (LAL)

**Session Classification:** MDI Studies

Contribution ID: 50

Type: **not specified**

## **Background Simulations on the Grid, using Guinea-Pig, Mokka, Marlin**

*Thursday 3 May 2007 16:40 (10 minutes)*

**Presenter:** Mr VOGEL, Adrian (DESY)

**Session Classification:** MDI Studies

Contribution ID: 51

Type: **not specified**

## **BDSIM - Current Status and Future Plans**

*Thursday 3 May 2007 16:50 (10 minutes)*

**Presenter:** MALTON, Steve (RHUL)

**Session Classification:** MDI Studies

Contribution ID: 52

Type: **not specified**

## **BDSIM/background studies**

*Thursday 3 May 2007 17:00 (10 minutes)*

**Presenter:** DADOUN, Olivier (LAL)

**Session Classification:** MDI Studies

Contribution ID: 53

Type: **not specified**

## **Introduction / ZVTOP**

*Thursday 3 May 2007 17:25 (14 minutes)*

**Presenter:** Mr JEFFERY, Ben (Oxford University)

**Session Classification:** The LCFIVertex package - Tutorial

Contribution ID: 56

Type: **not specified**

## Flavour tag inputs

*Thursday 3 May 2007 17:39 (8 minutes)*

**Presenter:** DEVETAK, Erik (Oxford University)

**Session Classification:** The LCFIVertex package - Tutorial



Contribution ID: 57

Type: **not specified**

## Flavour tagging

*Thursday 3 May 2007 17:47 (8 minutes)*

**Presenter:** GRIMES, Mark (Bristol University)

**Session Classification:** The LCFIVertex package - Tutorial