

ECFA Linear Collider Workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

Higgs CP violation and non-standard physics (report from CERN CP workshop)

Wednesday, 1 September 2004 14:00 (25 minutes)

Primary author: MARIA KRAWCZYK (Warsaw University)

Presenter: MARIA KRAWCZYK (Warsaw University)

Session Classification: Higgs Physics

Contribution ID: 2

Type: **not specified**

Determination of Higgs CP

Wednesday, 1 September 2004 14:30 (20 minutes)

Primary author: WOLFGANG LOHMANN (MARIA TERESA DOVA) (DESY)

Presenter: WOLFGANG LOHMANN (MARIA TERESA DOVA) (DESY)

Session Classification: Higgs Physics

Contribution ID: 3

Type: **not specified**

Symmetries of 2HDM, CP Violation and possibility of observations

Wednesday, 1 September 2004 14:55 (20 minutes)

Primary author: ILYA GINZBURG (Novosibirsk)

Presenter: ILYA GINZBURG (Novosibirsk)

Session Classification: Higgs Physics

Contribution ID: 4

Type: **not specified**

Laserwire Studies

Thursday, 2 September 2004 09:00 (30 minutes)

Primary author: GRAHAME BLAIR (RHUL)

Presenter: GRAHAME BLAIR (RHUL)

Session Classification: Beam Delivery and Interaction Region

Contribution ID: 5

Type: **not specified**

New Suggestion on Beam-Dumps

Thursday, 2 September 2004 09:30 (30 minutes)

Primary author: ILYA GINZBURG (Novosibirsk)

Presenter: ILYA GINZBURG (Novosibirsk)

Session Classification: Beam Delivery and Interaction Region

Contribution ID: 6

Type: **not specified**

Worldwide simulation status and plans

Thursday, 2 September 2004 09:00 (10 minutes)

Primary author: TIES BEHNKE (DESY)

Presenter: TIES BEHNKE (DESY)

Session Classification: Software Tools (Simulation)

Contribution ID: 7

Type: **not specified**

Status of Mokka

Thursday, 2 September 2004 09:10 (15 minutes)

Primary author: JEAN-CLAUDE BRIENT (Ecole Polytechnique)

Presenter: JEAN-CLAUDE BRIENT (Ecole Polytechnique)

Session Classification: Software Tools (Simulation)

Contribution ID: 8

Type: **not specified**

Tile HCAL implementation in Mokka

Thursday, 2 September 2004 09:25 (20 minutes)

Primary author: ROMAN POESCHL (DESY)

Presenter: ROMAN POESCHL (DESY)

Session Classification: Software Tools (Simulation)

Contribution ID: 9

Type: **not specified**

FLUKA, comparison of hadronic models

Thursday, 2 September 2004 09:45 (15 minutes)

Primary author: NIGEL WATSON (RAL/Birmingham)

Presenter: NIGEL WATSON (RAL/Birmingham)

Session Classification: Software Tools (Simulation)

Contribution ID: **10**

Type: **not specified**

Inclusive measurement of hadronic showers with ECAL

Thursday, 2 September 2004 10:00 (15 minutes)

Primary author: GEORGE MAVROMANOLAKIS (University of Cambridge)

Presenter: GEORGE MAVROMANOLAKIS (University of Cambridge)

Session Classification: Software Tools (Simulation)

Contribution ID: 11

Type: **not specified**

ALCPG Simulation Status and plans

Thursday, 2 September 2004 10:15 (15 minutes)

Primary author: NORMAN GRAF (SLAC)

Presenter: NORMAN GRAF (SLAC)

Session Classification: Software Tools (Simulation)

Contribution ID: 12

Type: **not specified**

Greetings from hosts

Wednesday, 1 September 2004 09:15 (20 minutes)

Session Classification: Plenary session

Contribution ID: 13

Type: **not specified**

News and Charge to Workshop

Wednesday, 1 September 2004 09:35 (35 minutes)

Primary author: DAVID MILLER

Presenter: DAVID MILLER

Session Classification: Plenary session

Contribution ID: 14

Type: **not specified**

Theoretical Introduction

Wednesday, 1 September 2004 11:55 (35 minutes)

Primary author: JAMES STIRLING

Presenter: JAMES STIRLING

Session Classification: Plenary session

Contribution ID: 15

Type: **not specified**

Plans for EUROTeV

Wednesday, 1 September 2004 11:00 (20 minutes)

Primary author: ECKHARD ELSEN

Presenter: ECKHARD ELSEN

Session Classification: Plenary session

Contribution ID: **16**

Type: **not specified**

Coffee + Tea Break

Wednesday, 1 September 2004 10:30 (30 minutes)

Session Classification: Plenary session

Contribution ID: 17

Type: **not specified**

Report from ITRP

Wednesday, 1 September 2004 10:10 (20 minutes)

Primary author: GEORGE KALMUS

Presenter: GEORGE KALMUS

Session Classification: Plenary session

Contribution ID: **18**

Type: **not specified**

Newly Funded R&D Programmes

Wednesday, 1 September 2004 11:20 (35 minutes)

Primary author: GRAHAME BLAIR

Presenter: GRAHAME BLAIR

Session Classification: Plenary session

Contribution ID: 19

Type: **not specified**

Tracking Introduction

Thursday, 2 September 2004 16:00 (5 minutes)

Primary author: RON SETTLES (MPI-Munich/Desy)

Presenter: RON SETTLES (MPI-Munich/Desy)

Session Classification: Tracking

Contribution ID: 20

Type: **not specified**

Status report on SiLC ongoing activities

Thursday, 2 September 2004 16:05 (20 minutes)

Primary author: FREDERIC KAPUSTA (ParisVI)

Presenter: FREDERIC KAPUSTA (ParisVI)

Session Classification: Tracking

Contribution ID: 21

Type: **not specified**

Electronics and Data Acquisition for SiLC

Thursday, 2 September 2004 16:25 (15 minutes)

Primary author: JEAN-FRANCOIS GENAT (ParisVI)

Presenter: JEAN-FRANCOIS GENAT (ParisVI)

Session Classification: Tracking

Contribution ID: 22

Type: **not specified**

Results of MPI/TPC beam test at KEK and plans

Thursday, 2 September 2004 16:40 (20 minutes)

Primary author: AKIRA SUGIYAMA (Saga University)

Presenter: AKIRA SUGIYAMA (Saga University)

Session Classification: Tracking

Contribution ID: 23

Type: **not specified**

TPC Activities at DESY/HH

Thursday, 2 September 2004 17:00 (20 minutes)

Primary author: TIES BEHNKE (Desy)

Presenter: TIES BEHNKE (Desy)

Session Classification: Tracking

Contribution ID: 24

Type: **not specified**

2 lepton 2 quark production in 2 photon collisions

Thursday, 2 September 2004 11:00 (20 minutes)

Primary author: WILFRED DASILVA (LPNHE, Paris)

Presenter: WILFRED DASILVA (LPNHE, Paris)

Session Classification: Supersymmetry+GG Physics+Generators

Contribution ID: 25

Type: **not specified**

Lowest-order prediction for gamma gamma -> 4f(+gamma)

Thursday, 2 September 2004 11:20 (15 minutes)

Primary author: MARKUS ROTH (MPI, Munich)

Presenter: MARKUS ROTH (MPI, Munich)

Session Classification: Supersymmetry+GG Physics+Generators

Contribution ID: 26

Type: **not specified**

e-gamma -> selectron-neutralino

Thursday, 2 September 2004 11:35 (15 minutes)

Primary author: ALEXANDER OH (CERN)

Presenter: ALEXANDER OH (CERN)

Session Classification: Supersymmetry+GG Physics+Generators

Contribution ID: 27

Type: **not specified**

Determination of SUSY branching ratios at the photon collider of TESLA.

Thursday, 2 September 2004 11:50 (15 minutes)

Primary author: HUBER NIETO-CHAUPIS (DESY-Zeuthen)

Presenter: HUBER NIETO-CHAUPIS (DESY-Zeuthen)

Session Classification: Supersymmetry+GG Physics+Generators

Contribution ID: 28

Type: **not specified**

Signals of H/A mixing in CP-violating SUSY at the PLC

Thursday, 2 September 2004 12:05 (15 minutes)

Primary author: JAN KALINOWSKI (Physics Dept., Warsaw)

Presenter: JAN KALINOWSKI (Physics Dept., Warsaw)

Session Classification: Supersymmetry+GG Physics+Generators

Contribution ID: 29

Type: **not specified**

Vertex Charge Reconstruction

Thursday, 2 September 2004 11:00 (15 minutes)

Primary author: SONJA HILLERT (University of Oxford)

Presenter: SONJA HILLERT (University of Oxford)

Session Classification: Detector Performance

Contribution ID: **30**

Type: **not specified**

Tracking Studies (Shrinking the TPC)

Thursday, 2 September 2004 11:15 (15 minutes)

Primary author: STEVE APLIN (DESY)

Presenter: STEVE APLIN (DESY)

Session Classification: Detector Performance

Contribution ID: **31**

Type: **not specified**

Details of the WW/ZZ Separation Studies

Thursday, 2 September 2004 11:30 (20 minutes)

Primary author: JEAN-CLAUDE BRIENT (Ecole Polytechnique)

Presenter: JEAN-CLAUDE BRIENT (Ecole Polytechnique)

Session Classification: Detector Performance

Contribution ID: 32

Type: **not specified**

Photon finding and Particle Flow Progress

Thursday, 2 September 2004 11:50 (15 minutes)

Primary author: NORMAN GRAF (SLAC)

Presenter: NORMAN GRAF (SLAC)

Session Classification: Detector Performance

Contribution ID: 33

Type: **not specified**

Long Term Strategy

Thursday, 2 September 2004 12:05 (25 minutes)

Primary author: DAVID MILLER (University College London)

Presenter: DAVID MILLER (University College London)

Session Classification: Detector Performance

Contribution ID: 34

Type: **not specified**

Discussion: Compelling physics case for polarised positrons

Thursday, 2 September 2004 14:00 (1h 30m)

Primary author: ALL

Presenter: ALL

Session Classification: Polarisation

Contribution ID: 35

Type: **not specified**

Impact Parameter Resolution Studies

Thursday, 2 September 2004 14:00 (30 minutes)

Primary author: GOETZ GAYCKEN (Institut de Recherches Subatomiques)

Presenter: GOETZ GAYCKEN (Institut de Recherches Subatomiques)

Session Classification: Vertex specialists

Contribution ID: **36**

Type: **not specified**

General discussion

Thursday, 2 September 2004 14:30 (1 hour)

Primary author: ALL

Presenter: ALL

Session Classification: Vertex specialists

Contribution ID: 37

Type: **not specified**

Signatures of New rho-Resonances from Strong EWSB in $e^+e^- \rightarrow \nu \bar{\nu} t\bar{t}$

Wednesday, 1 September 2004 14:00 (20 minutes)

Primary author: IVAN MELO (University of Zilina)

Presenter: IVAN MELO (University of Zilina)

Session Classification: Electroweak Gauge Physics and Alternative Theories

Contribution ID: 38

Type: **not specified**

Strong electroweak symmetry breaking from $ee \rightarrow VV\nu\nu$

Wednesday, 1 September 2004 14:20 (20 minutes)

Primary author: PREDRAG KRSTONOSIC (DESY)

Presenter: PREDRAG KRSTONOSIC (DESY)

Session Classification: Electroweak Gauge Physics and Alternative Theories

Contribution ID: 39

Type: **not specified**

Triple gauge couplings in gamma gamma collisions

Wednesday, 1 September 2004 14:45 (20 minutes)

Primary author: JADRANKA SEKARIC (DESY)

Presenter: JADRANKA SEKARIC (DESY)

Session Classification: Electroweak Gauge Physics and Alternative Theories

Contribution ID: 40

Type: **not specified**

Four-fermion production at future photon colliders

Wednesday, 1 September 2004 15:05 (20 minutes)

Primary author: AXEL BREDENSTEIN (MPI Munich)

Presenter: AXEL BREDENSTEIN (MPI Munich)

Session Classification: Electroweak Gauge Physics and Alternative Theories

Contribution ID: 41

Type: **not specified**

Introduction

Thursday, 2 September 2004 13:30 (10 minutes)

Primary author: FELIX SEFKOW, JAE YU

Presenter: FELIX SEFKOW, JAE YU

Session Classification: WORLDWIDE VIDEO CONF: 'Testbeams for calorimetry+'

Contribution ID: 42

Type: **not specified**

Discussion

Thursday, 2 September 2004 15:15 (20 minutes)

Primary author: ALL

Presenter: ALL

Session Classification: WORLDWIDE VIDEO CONF: 'Testbeams for calorimetry+'

Contribution ID: 43

Type: **not specified**

LCCAL TB plans

Thursday, 2 September 2004 14:00 (5 minutes)

Primary author: PAOLO CHECCHIA (Padova)

Presenter: PAOLO CHECCHIA (Padova)

Session Classification: WORLDWIDE VIDEO CONF: 'Testbeams for calorimetry+'

Contribution ID: 44

Type: **not specified**

CALICE ECAL + HCALs TB plans

Thursday, 2 September 2004 13:40 (20 minutes)

Primary author: DAVID WARD (Cambridge)

Presenter: DAVID WARD (Cambridge)

Session Classification: WORLDWIDE VIDEO CONF: 'Testbeams for calorimetry+'

Contribution ID: 45

Type: **not specified**

US ECAL TB plans

Thursday, 2 September 2004 14:05 (10 minutes)

Primary author: RAY FREY (Oregon)

Presenter: RAY FREY (Oregon)

Session Classification: WORLDWIDE VIDEO CONF: 'Testbeams for calorimetry+'

Contribution ID: 46

Type: **not specified**

Asian Calorimeter TB plans

Thursday, 2 September 2004 14:15 (10 minutes)

Primary author: TOHRU TAKESHITA (Shinshu)

Presenter: TOHRU TAKESHITA (Shinshu)

Session Classification: WORLDWIDE VIDEO CONF: 'Testbeams for calorimetry+'

Contribution ID: 47

Type: **not specified**

Muon + tail catcher TB plans

Thursday, 2 September 2004 14:25 (10 minutes)

Primary author: VISHNU ZUTSHI (Northern Illinois)

Presenter: VISHNU ZUTSHI (Northern Illinois)

Session Classification: WORLDWIDE VIDEO CONF: 'Testbeams for calorimetry+'

Contribution ID: 48

Type: **not specified**

Tracking and Vertexing TB plans

Thursday, 2 September 2004 14:35 (10 minutes)

Primary author: BRUCE SCHUMM (Santa Cruz)

Presenter: BRUCE SCHUMM (Santa Cruz)

Session Classification: WORLDWIDE VIDEO CONF: 'Testbeams for calorimetry+'

Contribution ID: 49

Type: **not specified**

Interaction region and beam instrumentation TB plans

Thursday, 2 September 2004 14:45 (10 minutes)

Primary author: MIKE WOODS (SLAC)

Presenter: MIKE WOODS (SLAC)

Session Classification: WORLDWIDE VIDEO CONF: 'Testbeams for calorimetry+'

Contribution ID: 50

Type: **not specified**

TB Monte Carlo and software preparations

Thursday, 2 September 2004 14:55 (10 minutes)

Primary author: NORMAN GRAF (SLAC)

Presenter: NORMAN GRAF (SLAC)

Session Classification: WORLDWIDE VIDEO CONF: 'Testbeams for calorimetry+'

Contribution ID: 51

Type: **not specified**

TB facilities summary

Thursday, 2 September 2004 15:05 (10 minutes)

Primary author: ERIC RAMBERG (FNAL)

Presenter: ERIC RAMBERG (FNAL)

Session Classification: WORLDWIDE VIDEO CONF: 'Testbeams for calorimetry+'

Contribution ID: 52

Type: **not specified**

Progress towards e^+e^- to 3 jets at NNLO

Thursday, 2 September 2004 14:00 (30 minutes)

Primary author: THOMAS GEHRMANN (Universitaet Zuerich)

Presenter: THOMAS GEHRMANN (Universitaet Zuerich)

Session Classification: Loopverein

Contribution ID: 53

Type: **not specified**

Physical renormalization condition for the quark-mixing matrix

Thursday, 2 September 2004 14:30 (30 minutes)

Primary author: MARKUS ROTH (MPI Muenchen)

Presenter: MARKUS ROTH (MPI Muenchen)

Session Classification: Loopverein

Contribution ID: 54

Type: **not specified**

Next-to-leading Order Calculations with Parton Showers

Thursday, 2 September 2004 15:00 (30 minutes)

Primary author: MICHAEL KRAEMER (The University Of Edinburgh)

Presenter: MICHAEL KRAEMER (The University Of Edinburgh)

Session Classification: Loopverein

Contribution ID: 55

Type: **not specified**

A Photon Collider at TESLA

Thursday, 2 September 2004 16:00 (30 minutes)

Primary author: KLAUS MOENIG (DESY)

Presenter: KLAUS MOENIG (DESY)

Session Classification: Gamma-gamma and e-gamma Technical Questions

Contribution ID: 56

Type: **not specified**

A conception of the beam dump for the photon collider

Thursday, 2 September 2004 16:30 (15 minutes)

Primary author: VALERY TELNOV (INP Novosibirsk)

Presenter: VALERY TELNOV (INP Novosibirsk)

Session Classification: Gamma-gamma and e-gamma Technical Questions

Contribution ID: 57

Type: **not specified**

GEM-DHCal Development Status

Thursday, 2 September 2004 16:00 (30 minutes)

Primary author: JAE YU (Univ. of Texas Arlington)

Presenter: JAE YU (Univ. of Texas Arlington)

Session Classification: Calorimetry, Muons, Forward region

Contribution ID: 58

Type: **not specified**

Tail-Catcher/Muon Tracker Prototype

Thursday, 2 September 2004 16:30 (30 minutes)

Primary author: VISHNU ZUTSHI (North Illinois Univ.)

Presenter: VISHNU ZUTSHI (North Illinois Univ.)

Session Classification: Calorimetry, Muons, Forward region

Contribution ID: 59

Type: **not specified**

ALCPG calorimetry Summary

Thursday, 2 September 2004 17:00 (30 minutes)

Primary author: J.YU / V. ZUTSHI

Presenter: J.YU / V. ZUTSHI

Session Classification: Calorimetry, Muons, Forward region

Contribution ID: **60**

Type: **not specified**

Complete fermionic two-loop results to the effective weak mixing angle

Thursday, 2 September 2004 16:00 (30 minutes)

Primary author: GEORG WEIGLEIN (IPPP Durham)

Presenter: GEORG WEIGLEIN (IPPP Durham)

Session Classification: Loopverein

Contribution ID: **61**

Type: **not specified**

SUSY-QCD Corrections to $e^+e^- \rightarrow t\bar{t}/b\bar{b} + \text{Higgs}$

Thursday, 2 September 2004 16:30 (30 minutes)

Primary author: MICHAEL SPIRA (PSI Villigen)

Presenter: MICHAEL SPIRA (PSI Villigen)

Session Classification: Loopverein

Contribution ID: 62

Type: **not specified**

Two-loop contributions to $(g-2)_\mu$ in the SM and the MSSM

Thursday, 2 September 2004 17:00 (30 minutes)

Primary author: DOMINIK STOECKINGER (IPPP Durham)

Presenter: DOMINIK STOECKINGER (IPPP Durham)

Session Classification: Loopverein

Contribution ID: **63**

Type: **not specified**

Discussion on BDIR in the Worldwide Context

Friday, 3 September 2004 11:30 (1 hour)

Primary author: ALL

Presenter: ALL

Session Classification: Beam Delivery and Interaction Region

Contribution ID: **64**

Type: **not specified**

Discussion on the BDIR Matrix

Friday, 3 September 2004 10:45 (45 minutes)

Primary author: ALL

Presenter: ALL

Session Classification: Beam Delivery and Interaction Region

Contribution ID: 65

Type: **not specified**

Review on radiative corrections to SM Higgs production and new results on double Higgs production in WW fusion

Friday, 3 September 2004 09:00 (30 minutes)

Primary author: YOSHIKI YASUI (Tokyo Management College)

Presenter: YOSHIKI YASUI (Tokyo Management College)

Session Classification: Higgs Physics - Joint session with Loopverein

Contribution ID: 66

Type: **not specified**

High-Precision Predictions for the MSSM Higgs Sector at $O(\alpha_b \alpha_s)$

Friday, 3 September 2004 09:35 (15 minutes)

Primary author: HEIDI RZEHAK (MPI fuer Physik, Munich)

Presenter: HEIDI RZEHAK (MPI fuer Physik, Munich)

Session Classification: Higgs Physics - Joint session with Loopverein

Contribution ID: 67

Type: **not specified**

Determination of the basic Higgs-boson couplings from combined analysis of WW/ZZ decays at LHC, LC and Photon Collider

Friday, 3 September 2004 09:55 (15 minutes)

Primary author: A. FILIP ZARNECKI (Warsaw Univeristy)

Presenter: A. FILIP ZARNECKI (Warsaw Univeristy)

Session Classification: Higgs Physics - Joint session with Loopverein

Contribution ID: 68

Type: **not specified**

Launch of international exp. study on hhh production

Friday, 3 September 2004 10:15 (10 minutes)

Primary author: PIERRE LUTZ (Saclay)

Presenter: PIERRE LUTZ (Saclay)

Session Classification: Higgs Physics - Joint session with Loopverein

Contribution ID: **69**

Type: **not specified**

LC Cal status

Friday, 3 September 2004 09:00 (20 minutes)

Primary author: PAOLO CHECCHIA (INFN Padova)

Presenter: PAOLO CHECCHIA (INFN Padova)

Session Classification: Calorimetry, Muons, Forward region

Contribution ID: 70

Type: **not specified**

CALICE ECAL general status

Friday, 3 September 2004 09:30 (20 minutes)

Primary author: BERNARD BOUQUET (TBC) (LAL)

Presenter: BERNARD BOUQUET (TBC) (LAL)

Session Classification: Calorimetry, Muons, Forward region

Contribution ID: 71

Type: **not specified**

DAQ for CALICE ECAL

Friday, 3 September 2004 09:50 (20 minutes)

Primary author: DANIEL BOWERMAN (Imperial College London)

Presenter: DANIEL BOWERMAN (Imperial College London)

Session Classification: Calorimetry, Muons, Forward region

Contribution ID: 72

Type: **not specified**

Status of the SUSY Les Houches Accord

Friday, 3 September 2004 09:00 (20 minutes)

Primary author: P SKANDS (Lund)

Presenter: P SKANDS (Lund)

Session Classification: Generators and Supersymmetry

Contribution ID: 73

Type: **not specified**

SUSY Tools/SPA/SLHA Discussion Session

Friday, 3 September 2004 09:20 (55 minutes)

Primary author: ALL

Presenter: ALL

Session Classification: Generators and Supersymmetry

Contribution ID: 74

Type: **not specified**

Recent results from R&D towards a vertex detector at the international linear collider

Wednesday, 1 September 2004 14:05 (15 minutes)

Primary author: SONJA HILLERT (University of Oxford)

Presenter: SONJA HILLERT (University of Oxford)

Session Classification: Vertex general

Contribution ID: 75

Type: **not specified**

Status report on DEPFET pixels

Wednesday, 1 September 2004 14:20 (15 minutes)

Primary author: MARCEL TRIMPL (Bonn University)

Presenter: MARCEL TRIMPL (Bonn University)

Session Classification: Vertex general

Contribution ID: 76

Type: **not specified**

Status of the UK active pixel collaboration

Wednesday, 1 September 2004 14:35 (15 minutes)

Primary author: JAAP VELTHUIS (University of Liverpool)

Presenter: JAAP VELTHUIS (University of Liverpool)

Session Classification: Vertex general

Contribution ID: 77

Type: **not specified**

Recent progress on MIMOSA sensors

Wednesday, 1 September 2004 14:50 (15 minutes)

Primary author: AUGUSTE BESSON (Institut de Recherches Subatomiques)

Presenter: AUGUSTE BESSON (Institut de Recherches Subatomiques)

Session Classification: Vertex general

Contribution ID: 78

Type: **not specified**

Status of MAPS activities at DESY

Wednesday, 1 September 2004 15:05 (15 minutes)

Primary author: DEVIS CONTARATO (DESY)

Presenter: DEVIS CONTARATO (DESY)

Session Classification: Vertex general

Contribution ID: 79

Type: **not specified**

Influence of the Pile-Up on the BeamCal Performances

Friday, 3 September 2004 09:00 (30 minutes)

Primary author: VLADIMIR DRUGAKOV (DESY)

Presenter: VLADIMIR DRUGAKOV (DESY)

Session Classification: Beam Delivery and Interaction Region

Contribution ID: **80**

Type: **not specified**

Update on the BDIR Matrix

Friday, 3 September 2004 10:00 (30 minutes)

Primary author: PHILIP BAMBADE (LAL)

Presenter: PHILIP BAMBADE (LAL)

Session Classification: Beam Delivery and Interaction Region

Contribution ID: **81**

Type: **not specified**

Update on Feedback Systems

Friday, 3 September 2004 09:30 (30 minutes)

Primary author: PHIL BURROWS (QMUL)

Presenter: PHIL BURROWS (QMUL)

Session Classification: Beam Delivery and Interaction Region

Contribution ID: 82

Type: **not specified**

Charge Broadening an Ion Backdrift in a Triple-GEM Readout for a TPC

Friday, 3 September 2004 10:45 (15 minutes)

Primary author: ADRIAN VOGEL (Aachen)

Presenter: ADRIAN VOGEL (Aachen)

Session Classification: Tracking

Contribution ID: 83

Type: **not specified**

Design and Construction of a TPC with GEM Readout

Friday, 3 September 2004 11:00 (15 minutes)

Primary author: SABINE BLATT (Aachen)

Presenter: SABINE BLATT (Aachen)

Session Classification: Tracking

Contribution ID: **84**

Type: **not specified**

Status of 'Si-Readout' studies at Nikhef

Friday, 3 September 2004 11:15 (15 minutes)

Primary author: JAN TIMMERMANNNS (Nikhef)

Presenter: JAN TIMMERMANNNS (Nikhef)

Session Classification: Tracking

Contribution ID: **85**

Type: **not specified**

Micromegas TPC tests

Friday, 3 September 2004 11:30 (20 minutes)

Primary author: PAUL COLAS (Saclay)

Presenter: PAUL COLAS (Saclay)

Session Classification: Tracking

Contribution ID: **86**

Type: **not specified**

Status of Victoria TPC tests in Desy 5T magnet

Friday, 3 September 2004 11:50 (20 minutes)

Primary author: DEAN KARLEN (Victoria)

Presenter: DEAN KARLEN (Victoria)

Session Classification: Tracking

Contribution ID: 87

Type: **not specified**

Diamond sensors beam calorimeter

Friday, 3 September 2004 10:45 (20 minutes)

Primary author: EKATERINA KOUZNETSOVA

Presenter: EKATERINA KOUZNETSOVA

Session Classification: Calorimetry, Muons, Forward region

Contribution ID: **88**

Type: **not specified**

FLC luminosity detector/MC simulations progress report

Friday, 3 September 2004 11:05 (20 minutes)

Primary author: RONEN INGBIR (Tel Aviv Univ.)

Presenter: RONEN INGBIR (Tel Aviv Univ.)

Session Classification: Calorimetry, Muons, Forward region

Contribution ID: **89**

Type: **not specified**

The case for a Silicon-Tracking Detector Concept

Friday, 3 September 2004 14:00 (30 minutes)

Primary author: HARRY WEERTS

Presenter: HARRY WEERTS

Session Classification: Worldwide detector Concept Studies

Contribution ID: 90

Type: **not specified**

The case for a 'huge' Gaseous-Tracking Detector Concept

Friday, 3 September 2004 14:30 (30 minutes)

Primary author: SATORU YAMASHITA

Presenter: SATORU YAMASHITA

Session Classification: Worldwide detector Concept Studies

Contribution ID: 91

Type: **not specified**

The case for a 'medium-sized' Gaseous-Tracking Detector Concept

Friday, 3 September 2004 15:00 (30 minutes)

Primary author: TIES BEHNKE

Presenter: TIES BEHNKE

Session Classification: Worldwide detector Concept Studies

Contribution ID: 92

Type: **not specified**

Discussion on technical and strategic questions

Friday, 3 September 2004 15:30 (25 minutes)

Primary author: ALL

Presenter: ALL

Session Classification: Worldwide detector Concept Studies

Contribution ID: 93

Type: **not specified**

Helical Undulator Work in Daresbury

Friday, 3 September 2004 16:30 (20 minutes)

Primary author: DUNCAN SCOTT (CCLRC)

Presenter: DUNCAN SCOTT (CCLRC)

Session Classification: Polarisation combined with BDIR

Contribution ID: 94

Type: **not specified**

CsI(Tl) Calorimeter and status of the E166 experiment

Friday, 3 September 2004 16:50 (20 minutes)

Primary author: KARIM LAIHEM (DESY)

Presenter: KARIM LAIHEM (DESY)

Session Classification: Polarisation combined with BDIR

Contribution ID: 95

Type: **not specified**

Discussion on Polarisation Issues (pol. e+ designs, high-energy polarimetry, crossing angle, beam transport)

Friday, 3 September 2004 17:10 (50 minutes)

Primary author: ALL

Presenter: ALL

Session Classification: Polarisation combined with BDIR

Contribution ID: **96**

Type: **not specified**

Agenda

Friday, 3 September 2004 16:25 (5 minutes)

Session Classification: Polarisation combined with BDIR

Contribution ID: 97

Type: **not specified**

Status of LCIO

Friday, 3 September 2004 16:30 (15 minutes)

Primary author: T BEHNKE (P.P. FRANK GAEDE) (DESY)

Presenter: T BEHNKE (P.P. FRANK GAEDE) (DESY)

Session Classification: Software Tools (Reconstruction)

Contribution ID: 98

Type: **not specified**

A flexible approach to cluster finding ...

Friday, 3 September 2004 16:45 (15 minutes)

Primary author: D. WARD (PP CHRIS AINSLEY) (University of Cambridge)

Presenter: D. WARD (PP CHRIS AINSLEY) (University of Cambridge)

Session Classification: Software Tools (Reconstruction)

Contribution ID: 99

Type: **not specified**

Further development of RERECO : Propagation of Reconstructed E-flow objects to IP. Neutral vertex and kink finding

Friday, 3 September 2004 17:00 (15 minutes)

Primary author: ALEXEI RASPEREZA (DESY)

Presenter: ALEXEI RASPEREZA (DESY)

Session Classification: Software Tools (Reconstruction)

Contribution ID: **100**

Type: **not specified**

General Reconstruction Tools

Friday, 3 September 2004 17:15 (15 minutes)

Primary author: JOERGEN SAMSON (DESY)

Presenter: JOERGEN SAMSON (DESY)

Session Classification: Software Tools (Reconstruction)

Contribution ID: **101**

Type: **not specified**

Track Reconstruction

Friday, 3 September 2004 17:30 (15 minutes)

Primary author: NORMAN GRAF (SLAC)

Presenter: NORMAN GRAF (SLAC)

Session Classification: Software Tools (Reconstruction)

Contribution ID: **102**

Type: **not specified**

Progress report on the VERTIGO/RAVE vertex reconstruction toolkit

Friday, 3 September 2004 17:45 (15 minutes)

Primary author: WINFRIED MITAROFF (Vienna)

Presenter: WINFRIED MITAROFF (Vienna)

Session Classification: Software Tools (Reconstruction)

Contribution ID: **103**

Type: **not specified**

Carleton studies: TPC Resolution of MPGD readout with charge dispersion

Friday, 3 September 2004 16:30 (15 minutes)

Primary author: MADHU DIXIT (Carleton)

Presenter: MADHU DIXIT (Carleton)

Session Classification: Tracking

Contribution ID: **104**

Type: **not specified**

A GEM TPC with TDC readout

Friday, 3 September 2004 16:45 (20 minutes)

Primary author: ALEXANDER KAUKHER (Rostock)

Presenter: ALEXANDER KAUKHER (Rostock)

Session Classification: Tracking

Contribution ID: **105**

Type: **not specified**

Status of Forward Chamber Simulation

Friday, 3 September 2004 17:05 (15 minutes)

Primary author: KLAUS MOENIG ON BEHALF OF ALEXANDER BELKOV AND IRINA POLENKEVICH (Desy Zeuthen)

Presenter: KLAUS MOENIG ON BEHALF OF ALEXANDER BELKOV AND IRINA POLENKEVICH (Desy Zeuthen)

Session Classification: Tracking

Contribution ID: **106**

Type: **not specified**

The T2K TPC

Friday, 3 September 2004 17:20 (15 minutes)

Primary author: DEAN KARLEN (Victoria)

Presenter: DEAN KARLEN (Victoria)

Session Classification: Tracking

Contribution ID: **107**

Type: **not specified**

Cosmology

Saturday, 4 September 2004 09:45 (10 minutes)

Primary author: MANUEL DREES

Presenter: MANUEL DREES

Session Classification: Final Plenary, 1st half

Contribution ID: **108**

Type: **not specified**

LoopVerein

Saturday, 4 September 2004 09:55 (15 minutes)

Primary author: SVEN HEINEMEYER

Presenter: SVEN HEINEMEYER

Session Classification: Final Plenary, 1st half

Contribution ID: **109**

Type: **not specified**

Calorimeter+others

Saturday, 4 September 2004 08:30 (10 minutes)

Primary author: PAOLO CHECCHIA

Presenter: PAOLO CHECCHIA

Session Classification: Final Plenary, 1st half

Contribution ID: **110**

Type: **not specified**

Vertex detectors

Saturday, 4 September 2004 08:40 (10 minutes)

Primary author: MASSIMO CACCIA

Presenter: MASSIMO CACCIA

Session Classification: Final Plenary, 1st half

Contribution ID: **111**

Type: **not specified**

Tracking

Saturday, 4 September 2004 08:55 (10 minutes)

Primary author: MADHU DIXIT

Presenter: MADHU DIXIT

Session Classification: Final Plenary, 1st half

Contribution ID: **112**

Type: **not specified**

Test Beams

Saturday, 4 September 2004 09:10 (10 minutes)

Primary author: FELIX SEFKOW

Presenter: FELIX SEFKOW

Session Classification: Final Plenary, 1st half

Contribution ID: **113**

Type: **not specified**

Higgs

Saturday, 4 September 2004 09:25 (20 minutes)

Primary author: PIERRE LUTZ

Presenter: PIERRE LUTZ

Session Classification: Final Plenary, 1st half

Contribution ID: **114**

Type: **not specified**

Coffee + Tea Break

Saturday, 4 September 2004 10:15 (30 minutes)

Session Classification: Final Plenary, 1st half

Contribution ID: 115

Type: **not specified**

Toward a costing model for LC T/DAQ detectors

Wednesday, 1 September 2004 14:10 (20 minutes)

Primary author: PATRICK LE DU (SACLAY)

Presenter: PATRICK LE DU (SACLAY)

Session Classification: Data Acquisition

Contribution ID: **116**

Type: **not specified**

Agenda and Introduction

Wednesday, 1 September 2004 14:00 (10 minutes)

Primary author: GUENTER ECKERLIN (DESY)

Presenter: GUENTER ECKERLIN (DESY)

Session Classification: Data Acquisition

Contribution ID: 117

Type: **not specified**

Electronics and Data Acquisition for SiLC

Wednesday, 1 September 2004 14:30 (20 minutes)

Primary author: JEAN-FRANCOIS GENAT (LPNHEP)

Presenter: JEAN-FRANCOIS GENAT (LPNHEP)

Session Classification: Data Acquisition

Contribution ID: **118**

Type: **not specified**

Discussion

Wednesday, 1 September 2004 15:05 (25 minutes)

Primary author: ALL

Presenter: ALL

Session Classification: Data Acquisition

Contribution ID: **119**

Type: **not specified**

Thoughts on ECAL DAQ

Wednesday, 1 September 2004 14:50 (15 minutes)

Primary author: PAUL DAUNCEY (Imperial College London)

Presenter: PAUL DAUNCEY (Imperial College London)

Session Classification: Data Acquisition

Contribution ID: 120

Type: **not specified**

Cosmology and the LC

Wednesday, 1 September 2004 17:30 (30 minutes)

Primary author: MANUEL DREES

Presenter: MANUEL DREES

Session Classification: Plenary

Contribution ID: **121**

Type: **not specified**

The SPA project

Wednesday, 1 September 2004 18:00 (30 minutes)

Primary author: PETER ZERWAS

Presenter: PETER ZERWAS

Session Classification: Plenary

Contribution ID: 122

Type: **not specified**

Report on Forward Calorimetry workshop

Thursday, 2 September 2004 17:30 (20 minutes)

Primary author: R. INGBIR

Presenter: R. INGBIR

Session Classification: Plenary

Contribution ID: 123

Type: **not specified**

Report from Top/QCD group

Thursday, 2 September 2004 17:50 (15 minutes)

Session Classification: Plenary

Contribution ID: 124

Type: **not specified**

Report from Gamma-Gamma Physics group

Thursday, 2 September 2004 18:05 (15 minutes)

Session Classification: Plenary

Contribution ID: 125

Type: **not specified**

Spare time

Thursday, 2 September 2004 18:20 (10 minutes)

Session Classification: Plenary

Contribution ID: 126

Type: **not specified**

Invisible Higgs decays in spontaneously broken Rp

Thursday, 2 September 2004 16:00 (15 minutes)

Primary author: ALBERT VILLANOVA DEL MORAL (IFIC Valencia)

Presenter: ALBERT VILLANOVA DEL MORAL (IFIC Valencia)

Session Classification: Supersymmetry

Contribution ID: 127

Type: **not specified**

Scalar top studies

Thursday, 2 September 2004 16:15 (15 minutes)

Primary author: HANNA NOWAK (DESY Zeuthen)

Presenter: HANNA NOWAK (DESY Zeuthen)

Session Classification: Supersymmetry

Contribution ID: 128

Type: **not specified**

Lepton Flavor Violation and perspectives at Tesla

Thursday, 2 September 2004 16:30 (15 minutes)

Primary author: LALI RURUA (DESY Hamburg)

Presenter: LALI RURUA (DESY Hamburg)

Session Classification: Supersymmetry

Contribution ID: 129

Type: **not specified**

Distinguishing between MSSM and NMSSM via combined LHC/LC analyses

Thursday, 2 September 2004 16:45 (15 minutes)

Primary author: GUDRID MOORTGAT-PICK (IPPP Durham)

Presenter: GUDRID MOORTGAT-PICK (IPPP Durham)

Session Classification: Supersymmetry

Contribution ID: **130**

Type: **not specified**

Discussion

Thursday, 2 September 2004 17:00 (25 minutes)

Primary author: ALL

Presenter: ALL

Session Classification: Supersymmetry

Contribution ID: 131

Type: **not specified**

Informal presentation of NMHDECAY

Friday, 3 September 2004 10:45 (15 minutes)

Primary author: P SKANDS (Lund)

Presenter: P SKANDS (Lund)

Session Classification: Generators and Higgs

Contribution ID: 132

Type: **not specified**

Higgs Tools/SLHA Discussion Session

Friday, 3 September 2004 11:00 (1 hour)

Primary author: ALL

Presenter: ALL

Session Classification: Generators and Higgs

Contribution ID: 133

Type: **not specified**

Higgs/Generators Tools Discussion Session

Friday, 3 September 2004 12:00 (30 minutes)

Primary author: ALL

Presenter: ALL

Session Classification: Generators and Higgs

Contribution ID: 134

Type: **not specified**

Supersymmetry

Saturday, 4 September 2004 10:45 (20 minutes)

Primary author: JAN KALINOWSKI

Presenter: JAN KALINOWSKI

Session Classification: Final Plenary, 2nd half

Contribution ID: 135

Type: **not specified**

Generators

Saturday, 4 September 2004 11:05 (10 minutes)

Primary author: MARIO ANTONELLI

Presenter: MARIO ANTONELLI

Session Classification: Final Plenary, 2nd half

Contribution ID: 136

Type: **not specified**

Polarisation +BDIR

Saturday, 4 September 2004 11:15 (10 minutes)

Primary author: GUDRID MOORTGAT-PICK

Presenter: GUDRID MOORTGAT-PICK

Session Classification: Final Plenary, 2nd half

Contribution ID: 137

Type: **not specified**

Simulation

Saturday, 4 September 2004 11:25 (10 minutes)

Primary author: DAVID WARD

Presenter: DAVID WARD

Session Classification: Final Plenary, 2nd half

Contribution ID: 138

Type: **not specified**

Electroweak + Alternatives

Saturday, 4 September 2004 11:40 (20 minutes)

Primary author: MICHAEL SPIRA

Presenter: MICHAEL SPIRA

Session Classification: Final Plenary, 2nd half

Contribution ID: 139

Type: **not specified**

News from ILCSC and Future Goals

Saturday, 4 September 2004 12:00 (30 minutes)

Primary author: BRIAN FOSTER

Presenter: BRIAN FOSTER

Session Classification: Final Plenary, 2nd half

Contribution ID: 140

Type: **not specified**

SPS benchmarks and 3-loop RGE

Wednesday, 1 September 2004 16:05 (20 minutes)

Primary author: IAN JACK (Liverpool)

Presenter: IAN JACK (Liverpool)

Session Classification: Supersymmetry

Contribution ID: 141

Type: **not specified**

Renormalization of the MSSM

Wednesday, 1 September 2004 16:25 (20 minutes)

Primary author: DOMINIK STOCKINGER (IPPP Durham)

Presenter: DOMINIK STOCKINGER (IPPP Durham)

Session Classification: Supersymmetry

Contribution ID: 142

Type: **not specified**

T-odd asymmetries in chargino/neutralino production and decay

Wednesday, 1 September 2004 16:45 (15 minutes)

Primary author: STEFAN HESSELBACH (Vienna)

Presenter: STEFAN HESSELBACH (Vienna)

Session Classification: Supersymmetry

Contribution ID: 143

Type: **not specified**

Can CP-violation be observed in neutralino production and decay?

Wednesday, 1 September 2004 17:00 (15 minutes)

Primary author: J. A. AGUILAR-SAAVEDRA (Lisbon)

Presenter: J. A. AGUILAR-SAAVEDRA (Lisbon)

Session Classification: Supersymmetry

Contribution ID: 144

Type: **not specified**

Welcome, plans etc

Wednesday, 1 September 2004 16:00 (5 minutes)

Primary author: CONVENERS

Presenter: CONVENERS

Session Classification: Supersymmetry

Contribution ID: 145

Type: **not specified**

Sneutrino production and decay in e^+e^- colliders

Wednesday, 1 September 2004 17:15 (15 minutes)

Primary author: DIEGO RESTREPO (IFIC Valencia)

Presenter: DIEGO RESTREPO (IFIC Valencia)

Session Classification: Supersymmetry

Contribution ID: 146

Type: **not specified**

Two-Loop Sudakov Logarithms in Electroweak Processes

Wednesday, 1 September 2004 16:25 (20 minutes)

Primary author: BERND FEUCHT (Uni Karlsruhe)

Presenter: BERND FEUCHT (Uni Karlsruhe)

Session Classification: Electroweak Gauge Physics and Alternative Theories

Contribution ID: 147

Type: **not specified**

Electroweak precision observables in the MSSM with non minimal flavor violation

Wednesday, 1 September 2004 16:45 (20 minutes)

Primary author: SVEN HEINEMEYER (CERN)

Presenter: SVEN HEINEMEYER (CERN)

Session Classification: Electroweak Gauge Physics and Alternative Theories

Contribution ID: 148

Type: **not specified**

Precision Measurements of Beam Polarization at the LC (The Case of Single-W Production)

Wednesday, 1 September 2004 16:00 (20 minutes)

Primary author: FILIP FRANCO-SOLLOVA (DESY)

Presenter: FILIP FRANCO-SOLLOVA (DESY)

Session Classification: Electroweak Gauge Physics and Alternative Theories

Contribution ID: 149

Type: **not specified**

Model-independent analysis of the CP violation using angular distributions in the WW and ZZ decays of the Higgs boson at the Photon Collider

Wednesday, 1 September 2004 16:20 (20 minutes)

Primary author: A. FILIP ZARNECKI (Institute of Experimental Physics, Warsaw University)

Presenter: A. FILIP ZARNECKI (Institute of Experimental Physics, Warsaw University)

Session Classification: Gamma-gamma and e-gamma Physic

Contribution ID: 150

Type: **not specified**

Improved analysis on gamma gamma -> higgs -> b bar b

Wednesday, 1 September 2004 16:40 (20 minutes)

Primary author: A. FILIP ZARNECKI (FOR PIOTR NIEZURAWSKI) (Institute of Experimental Physics, Warsaw University)

Presenter: A. FILIP ZARNECKI (FOR PIOTR NIEZURAWSKI) (Institute of Experimental Physics, Warsaw University)

Session Classification: Gamma-gamma and e-gamma Physic

Contribution ID: 151

Type: **not specified**

The Photon Collider in the LC project

Wednesday, 1 September 2004 17:00 (20 minutes)

Primary author: VALERY TELNOV (Institute of Nuclear Physics, Novosibirsk)

Presenter: VALERY TELNOV (Institute of Nuclear Physics, Novosibirsk)

Session Classification: Gamma-gamma and e-gamma Physic

Contribution ID: 152

Type: **not specified**

Towards a measurement of the two photon width of the Higgs boson at the Tesla Photon Collider

Wednesday, 1 September 2004 16:00 (20 minutes)

Primary author: KLAUS MOENIG (FOR AURA ROSCA) (DESY-Zeuthen)

Presenter: KLAUS MOENIG (FOR AURA ROSCA) (DESY-Zeuthen)

Session Classification: Gamma-gamma and e-gamma Physic

Contribution ID: **153**

Type: **not specified**

Tile HCAL APD studies

Wednesday, 1 September 2004 16:00 (20 minutes)

Primary author: HENDRIK MEYER (DESY)

Presenter: HENDRIK MEYER (DESY)

Session Classification: Calorimetry and others

Contribution ID: 154

Type: **not specified**

Tile HCAL monitoring system

Wednesday, 1 September 2004 16:30 (20 minutes)

Primary author: ERIKA GARRUTI (DESY)

Presenter: ERIKA GARRUTI (DESY)

Session Classification: Calorimetry and others

Contribution ID: 155

Type: **not specified**

Tile HCAL electronics

Wednesday, 1 September 2004 17:00 (20 minutes)

Primary author: FELIX SEFKOW (DESY)

Presenter: FELIX SEFKOW (DESY)

Session Classification: Calorimetry and others

Contribution ID: 156

Type: **not specified**

ITEP activity on HCAL prototype

Wednesday, 1 September 2004 17:20 (20 minutes)

Primary author: VASILYI MORGUNOV (ITEP Moscow)

Presenter: VASILYI MORGUNOV (ITEP Moscow)

Session Classification: Calorimetry and others

Contribution ID: 157

Type: **not specified**

Evidence for WIMP Dark Matter

Thursday, 2 September 2004 09:00 (15 minutes)

Primary author: WIM DE BOER (Univ. Karlsruhe)

Presenter: WIM DE BOER (Univ. Karlsruhe)

Session Classification: Cosmology

Contribution ID: 158

Type: **not specified**

Ultimate precision of calculating the LSP relic density

Thursday, 2 September 2004 09:30 (30 minutes)

Primary author: GENEVIEVE BELANGER (LAPP Annecy)

Presenter: GENEVIEVE BELANGER (LAPP Annecy)

Session Classification: Cosmology

Contribution ID: 159

Type: **not specified**

Imact of LSP Dark Matter on LC physics

Thursday, 2 September 2004 10:00 (30 minutes)

Primary author: FRANCOIS RICHARD (Paris)

Presenter: FRANCOIS RICHARD (Paris)

Session Classification: Cosmology

Contribution ID: 160

Type: **not specified**

Top quark couplings to Higgs and gauge bosons at a linear collider: 6 and 8 fermion final states

Thursday, 2 September 2004 09:00 (15 minutes)

Primary author: CHRISTIAN SCHWINN (Univ. Mainz)

Presenter: CHRISTIAN SCHWINN (Univ. Mainz)

Session Classification: QCD and Top Physics

Contribution ID: **161**

Type: **not specified**

Top Yukawa coupling determination at the LHC & LC

Thursday, 2 September 2004 09:15 (15 minutes)

Primary author: MARKUS SCHUMACHER (Univ. Bonn)

Presenter: MARKUS SCHUMACHER (Univ. Bonn)

Session Classification: QCD and Top Physics

Contribution ID: **162**

Type: **not specified**

Theory for unstable particles

Thursday, 2 September 2004 09:30 (15 minutes)

Primary author: ADRIAN SIGNER (IPPP Durham)

Presenter: ADRIAN SIGNER (IPPP Durham)

Session Classification: QCD and Top Physics

Contribution ID: **163**

Type: **not specified**

Two-loop corrections to top quark decay

Thursday, 2 September 2004 09:45 (15 minutes)

Primary author: MACIEK SLUSARCZYK (Univ. of Alberta)

Presenter: MACIEK SLUSARCZYK (Univ. of Alberta)

Session Classification: QCD and Top Physics

Contribution ID: **164**

Type: **not specified**

Update on top-antitop threshold simulations

Thursday, 2 September 2004 10:00 (15 minutes)

Primary author: STEWART BOOGERT (Univ. Coll. London)

Presenter: STEWART BOOGERT (Univ. Coll. London)

Session Classification: QCD and Top Physics