

# European LC Workshop



## Report of Contributions

Contribution ID: 0

Type: **not specified**

## Welcome

*Monday, 8 January 2007 09:00 (10 minutes)*

**Primary author:** Prof. POOLE, Mike (CCLRC, Daresbury Laboratory)

**Presenter:** Prof. POOLE, Mike (CCLRC, Daresbury Laboratory)

**Session Classification:** Plenary

**Track Classification:** Plenary

Contribution ID: 1

Type: **not specified**

## **ILC: from RDR to EDR**

*Monday, 8 January 2007 09:10 (30 minutes)*

**Presenter:** Dr WALKER, Nicholas (DESY)

**Session Classification:** Plenary

**Track Classification:** Plenary

Contribution ID: 2

Type: **not specified**

## **Perspectives for European LC R&D**

*Monday, 8 January 2007 09:40 (30 minutes)*

**Presenter:** Dr ELSEN, Eckhard (DESY)

**Session Classification:** Plenary

**Track Classification:** Plenary

Contribution ID: 3

Type: **not specified**

## **ILC DR Vacuum System**

*Monday, 8 January 2007 15:40 (20 minutes)*

**Presenter:** MALYSCHEV, Oleg (CCLRC)

**Session Classification:** DR

**Track Classification:** Damping Rings

Contribution ID: 4

Type: **not specified**

## Fast kickers

*Monday, 8 January 2007 15:00 (20 minutes)*

**Presenter:** MARCELLINI, F. (INFN-LNF)

**Session Classification:** DR

**Track Classification:** Damping Rings

Contribution ID: 6

Type: **not specified**

## **Calculation and Implementation of collimator Wakefields into PLACET**

*Tuesday, 9 January 2007 12:15 (15 minutes)*

**Primary author:** LATINA, Andrea (CERN)

**Presenter:** LATINA, Andrea (CERN)

**Session Classification:** BDS ILPS LET combined

**Track Classification:** Beam Delivery Systems

Contribution ID: 8

Type: **not specified**

## **Estimated photon backscattering from beam losses in the ILC extraction line**

*Monday, 8 January 2007 18:00 (20 minutes)*

**Primary author:** DADOUN, Olivier (LAL)

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

**Session Classification:** BDS ILPS LET combined

**Track Classification:** Integrated Luminosity Performance Studies / Low emittance tuning



Contribution ID: 9

Type: **not specified**

## **Improvements of the CLIC beam delivery system**

*Tuesday, 9 January 2007 09:55 (20 minutes)*

**Primary author:** TOMAS, Rogelio

**Presenter:** TOMAS, Rogelio

**Session Classification:** BDS ILPS LET combined

**Track Classification:** Beam Delivery Systems

Contribution ID: **10**

Type: **not specified**

## **Update on luminosity reduction in the head-on scheme from parasitic collisions**

*Monday, 8 January 2007 10:50 (15 minutes)*

**Primary author:** BROSSARD, Julien (LAL)

**Presenter:** BROSSARD, Julien (LAL)

**Session Classification:** BDS

**Track Classification:** Beam Delivery Systems

Contribution ID: 11

Type: **not specified**

## **ILC Collimation simulations and optimisation**

*Monday, 8 January 2007 13:45 (15 minutes)*

**Primary author:** JACKSON, Frank (CCLRC, Daresbury Laboratory)

**Presenter:** JACKSON, Frank (CCLRC, Daresbury Laboratory)

**Session Classification:** ILPS/ILC-LET

**Track Classification:** BDSILPS

Contribution ID: 12

Type: **not specified**

## **Optimised final doublet and minimum extraction for 2 mrad crossing angle**

*Monday, 8 January 2007 11:05 (15 minutes)*

**Primary author:** APPLEBY, Robert (Manchester University)

**Presenter:** APPLEBY, Robert (Manchester University)

**Session Classification:** BDS

**Track Classification:** Beam Delivery Systems

Contribution ID: 13

Type: **not specified**

## **Study of the CLIC Beam Delivery System**

*Tuesday, 9 January 2007 10:15 (15 minutes)*

**Primary author:** LOPEZ, Javier Resta (CERN)

**Presenter:** LOPEZ, Javier Resta (CERN)

**Session Classification:** BDS ILPS LET combined

**Track Classification:** BDSILPS

Contribution ID: 14

Type: **not specified**

## **Cavity studies and prototype tests for the ILC crab system**

*Monday, 8 January 2007 11:20 (20 minutes)*

**Primary author:** BURT, Graeme (University of Lancaster)

**Presenter:** BURT, Graeme (University of Lancaster)

**Session Classification:** BDS

**Track Classification:** Beam Delivery Systems

Contribution ID: 15

Type: **not specified**

## **Control and synchronization issues for the ILC crab cavity system**

*Monday, 8 January 2007 11:40 (20 minutes)*

**Primary author:** DEXTER, Amos

**Presenter:** DEXTER, Amos

**Session Classification:** BDS

**Track Classification:** Beam Delivery Systems

Contribution ID: 16

Type: **not specified**

## **ESA Wakefield T480 run and results**

*Monday, 8 January 2007 14:15 (15 minutes)*

**Primary author:** FERNANDEZ-HERNANDO, Juan (CCLRC, Daresbury Laboratory)

**Presenter:** FERNANDEZ-HERNANDO, Juan (CCLRC, Daresbury Laboratory)

**Session Classification:** ILPS/ILC-LET

**Track Classification:** Beam Delivery Systems



Contribution ID: 17

Type: **not specified**

## **Electromagnetic simulations for SLAC ESA beam tests**

*Monday, 8 January 2007 14:00 (15 minutes)*

**Primary author:** SMITH, Jonathan (Lancaster University)

**Presenter:** SMITH, Jonathan (Lancaster University)

**Session Classification:** ILPS/ILC-LET

**Track Classification:** Beam Delivery Systems

Contribution ID: **18**

Type: **not specified**

## **The status of beam damage study and plans**

*Tuesday, 9 January 2007 13:30 (20 minutes)*

**Primary author:** WATSON, Nigel (Birmingham University)

**Presenter:** WATSON, Nigel (Birmingham University)

**Session Classification:** Joint Topical Session

**Track Classification:** Joint Topical Session

Contribution ID: 19

Type: **not specified**

## Recent improvements of BDSIM

*Tuesday, 9 January 2007 11:20 (15 minutes)*

**Primary author:** GRAHAME, Blair (RHUL)

**Session Classification:** BDS ILPS LET combined

**Track Classification:** BDSILPS

Contribution ID: 20

Type: **not specified**

## **Limitation on precision luminosity measurement from beam-beam effects**

*Monday, 8 January 2007 15:00 (20 minutes)*

**Primary author:** RIMBAULT, Cecile

**Presenter:** RIMBAULT, Cecile

**Session Classification:** BDS ILPS LET combined

**Track Classification:** BDSILPS

Contribution ID: 21

Type: **not specified**

## **The CLIC extraction line**

*Monday, 8 January 2007 17:20 (20 minutes)*

**Primary author:** FERRARI, Arnaud

**Presenter:** FERRARI, Arnaud

**Session Classification:** BDS ILPS LET combined

**Track Classification:** BDSILPS

Contribution ID: 22

Type: **not specified**

## **Status of fast beam-based feedback system programme**

*Monday, 8 January 2007 15:40 (20 minutes)*

**Primary author:** BURROWS, Phil (University of Oxford)

**Presenter:** BURROWS, Phil (University of Oxford)

**Session Classification:** BDS ILPS LET combined

**Track Classification:** BDSILPS

Contribution ID: 23

Type: **not specified**

## **Halo and Tail Generation Studies**

*Monday, 8 January 2007 13:25 (20 minutes)*

**Primary author:** Dr NEUKERMANS, Lionel (CERN)

**Presenter:** Dr NEUKERMANS, Lionel (CERN)

**Session Classification:** ILPS/ILC-LET

**Track Classification:** BDSILPS

Contribution ID: 24

Type: **not specified**

## Nearly Confocal Resonator

*Tuesday, 9 January 2007 09:20 (20 minutes)*

**Primary author:** FERRARI, Arnaud

**Presenter:** FERRARI, Arnaud

**Session Classification:** DIAG

**Track Classification:** Diagnostics



Contribution ID: 25

Type: **not specified**

## Laser Wire

*Tuesday, 9 January 2007 13:50 (20 minutes)*

**Primary author:** DELERUE, Nicolas (University Oxford)

**Presenter:** DELERUE, Nicolas (University Oxford)

**Session Classification:** Joint Topical Session

**Track Classification:** Diagnostics

Contribution ID: 26

Type: **not specified**

## Precision BPM

*Monday, 8 January 2007 17:20 (20 minutes)*

**Primary author:** PODADERA ALISEDA, Ivan (Cern)

**Presenter:** PODADERA ALISEDA, Ivan (Cern)

**Session Classification:** DIAG

**Track Classification:** Diagnostics

Contribution ID: 27

Type: **not specified**

## Wide Band Current Monitor

*Monday, 8 January 2007 17:40 (20 minutes)*

**Primary author:** D'ELIA, Alessandro (Cern)

**Presenter:** D'ELIA, Alessandro (Cern)

**Session Classification:** DIAG

**Track Classification:** Diagnostics

Contribution ID: 28

Type: **not specified**

## Fast Luminosity Monitor

*Monday, 8 January 2007 18:00 (20 minutes)*

**Primary author:** GRAH, Christian (DESY)

**Presenter:** GRAH, Christian (DESY)

**Session Classification:** DIAG

**Track Classification:** Diagnostics

Contribution ID: 29

Type: **not specified**

## **Pulsed Laser-injected Cavity**

*Tuesday, 9 January 2007 09:00 (20 minutes)*

**Primary author:** ZOMER, Fabian (Lal IN2P3)

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

**Session Classification:** DIAG

**Track Classification:** Diagnostics

Contribution ID: **30**

Type: **not specified**

## **Precision Time and Phase Monitoring**

*Monday, 8 January 2007 17:00 (20 minutes)*

**Primary author:** ANDERSSON, Alexandra (Cern)

**Presenter:** ANDERSSON, Alexandra (Cern)

**Session Classification:** DIAG

**Track Classification:** Diagnostics

Contribution ID: 31

Type: **not specified**

## **Development and improvement of the guinea-pig beam-beam simulation**

*Tuesday, 9 January 2007 09:20 (20 minutes)*

**Primary author:** MEUR, Guy Le

**Presenter:** MEUR, Guy Le

**Session Classification:** BDS ILPS LET combined

**Track Classification:** BDSILPS

Contribution ID: 32

Type: **not specified**

## **Comparison of e+e- and e-e- modes of operation with realistic errors in the BDS**

*Tuesday, 9 January 2007 09:40 (15 minutes)*

**Primary author:** ALABAU, Maria

**Presenter:** ALABAU, Maria

**Session Classification:** BDS ILPS LET combined

**Track Classification:** BDSILPS



Contribution ID: 33

Type: **not specified**

## **Suggested ILC energy and beam parameter optimisation for precision Higgs boson measurements**

*Monday, 8 January 2007 15:20 (20 minutes)*

**Primary author:** BAMBADE, Philip (Laboratoire de l'Accelérateur Lineaire (LAL) (IN2P3) (LAL))

**Presenter:** BAMBADE, Philip (Laboratoire de l'Accelérateur Lineaire (LAL) (IN2P3) (LAL))

**Session Classification:** BDS ILPS LET combined

**Track Classification:** BDSILPS

Contribution ID: 34

Type: **not specified**

## Energy Spectrometry

*Tuesday, 9 January 2007 09:40 (20 minutes)*

**Primary author:** WING, Matthew (UCL (University College London))

**Presenter:** WING, Matthew (UCL (University College London))

**Session Classification:** DIAG

**Track Classification:** Diagnostics

Contribution ID: 35

Type: **not specified**

## **Beam matrix measurement with the laser wire at the ILC**

**Primary author:** AGAPOV, Ilya (RHUL)

**Presenter:** AGAPOV, Ilya (RHUL)

**Track Classification:** BDSILPS

Contribution ID: 36

Type: **not specified**

## Latest Results for the Final CLIC Main Beam Bunch Compressor

*Wednesday, 10 January 2007 09:40 (20 minutes)*

**Primary author:** Dr STULLE, Frank (PSI)

**Presenter:** Dr STULLE, Frank (PSI)

**Session Classification:** ILPS/ILC-LET: BC

**Track Classification:** Integrated Luminosity Performance Studies / Low emittance tuning

Contribution ID: 37

Type: **not specified**

## Bunch Compressor Alignment

*Wednesday, 10 January 2007 09:20 (20 minutes)*

**Primary authors:** LATINA, Andrea (CERN); SCHULTE, Daniel (CERN)

**Presenter:** LATINA, Andrea (CERN)

**Session Classification:** ILPS/ILC-LET: BC

**Track Classification:** Integrated Luminosity Performance Studies / Low emittance tuning

Contribution ID: **38**

Type: **not specified**

## **Recent Improvements of PLACET**

*Tuesday, 9 January 2007 11:35 (20 minutes)*

**Primary author:** LATINA, Andrea (CERN)

**Presenter:** LATINA, Andrea (CERN)

**Session Classification:** BDS ILPS LET combined

**Track Classification:** BDSILPS

Contribution ID: 40

Type: **not specified**

## **Main Linac Simulations Including Emittance Tuning Knobs**

*Monday, 8 January 2007 11:10 (20 minutes)*

**Primary author:** ELIASSON, Peder (CERN)

**Presenter:** ELIASSON, Peder (CERN)

**Session Classification:** ILPS/ILC-LET

**Track Classification:** Integrated Luminosity Performance Studies / Low emittance tuning

Contribution ID: 41

Type: **not specified**

## Dynamic Simulations

*Tuesday, 9 January 2007 09:00 (20 minutes)*

**Primary author:** SCHULTE, Daniel (CERN)

**Presenter:** SCHULTE, Daniel (CERN)

**Session Classification:** BDS ILPS LET combined

**Track Classification:** BDSILPS



Contribution ID: 44

Type: **not specified**

## Recently developed electron cloud code

*Monday, 8 January 2007 15:20 (20 minutes)*

**Presenter:** BRUNS, Warner (CERN)

**Session Classification:** DR

**Track Classification:** Damping Rings

Contribution ID: 45

Type: **not specified**

## **BDS Overview**

*Tuesday, 9 January 2007 16:00 (15 minutes)*

**Primary author:** Mrs ANGAL-KALININ, Deepa (CCLRC Daresbury)

**Presenter:** Mrs ANGAL-KALININ, Deepa (CCLRC Daresbury)

**Session Classification:** EUROTeV Governing Board

**Track Classification:** GB

Contribution ID: 46

Type: **not specified**

## DR Overview

*Tuesday, 9 January 2007 16:15 (15 minutes)*

**Primary author:** Dr GUIDUCCI, Susanna (INFN)

**Presenter:** Dr GUIDUCCI, Susanna (INFN)

**Session Classification:** EUROTeV Governing Board

**Track Classification:** GB

Contribution ID: 47

Type: **not specified**

## PPS Overview

*Tuesday, 9 January 2007 16:30 (15 minutes)*

**Primary author:** Prof. CLARKE, Jim (CCLRC Daresbury Lab)

**Presenter:** Prof. CLARKE, Jim (CCLRC Daresbury Lab)

**Session Classification:** EUROTeV Governing Board

**Track Classification:** GB

Contribution ID: 48

Type: **not specified**

## DIAG Overview

*Tuesday, 9 January 2007 16:45 (15 minutes)*

**Primary author:** Dr BLAIR, Grahame (Royal Holloway)

**Presenter:** Dr BLAIR, Grahame (Royal Holloway)

**Session Classification:** EUROTeV Governing Board

**Track Classification:** GB

Contribution ID: 49

Type: **not specified**

## **METSTB Overview**

*Tuesday, 9 January 2007 17:15 (15 minutes)*

**Primary author:** Dr JEREMIE, Andrea (LAPP)

**Presenter:** Dr JEREMIE, Andrea (LAPP)

**Session Classification:** EUROTev Governing Board

**Track Classification:** GB

Contribution ID: 50

Type: **not specified**

## GANMVL Overview

*Tuesday, 9 January 2007 17:30 (15 minutes)*

**Primary author:** Dr WILLEKE, Ferdinand (DESY)

**Presenter:** Dr WILLEKE, Ferdinand (DESY)

**Session Classification:** EUROTeV Governing Board

**Track Classification:** GB

Contribution ID: 51

Type: **not specified**

## ILPS Overview

*Tuesday, 9 January 2007 17:00 (15 minutes)*

**Primary author:** SCHULTE, Daniel (CERN)

**Presenter:** SCHULTE, Daniel (CERN)

**Session Classification:** EUROTeV Governing Board

**Track Classification:** GB



Contribution ID: 52

Type: **not specified**

## **EUROTeV Financial Report**

*Tuesday, 9 January 2007 17:45 (30 minutes)*

**Primary author:** Dr ELSEN, Eckhard (DESY)

**Presenter:** Dr ELSEN, Eckhard (DESY)

**Session Classification:** EUROTeV Governing Board

**Track Classification:** GB

Contribution ID: 53

Type: **not specified**

## Duration of EUROTeV

*Tuesday, 9 January 2007 18:15 (15 minutes)*

Discussion about a possible extension of EUROTeV beyond 2007

**Primary author:** Dr ELSSEN, Eckhard (DESY)

**Presenter:** Dr ELSSEN, Eckhard (DESY)

**Session Classification:** EUROTeV Governing Board

**Track Classification:** GB

Contribution ID: 54

Type: **not specified**

## **Overview of our research program & vibration stability studies of a XFEL/ILC cryomodule at room temperature**

*Monday, 8 January 2007 13:00 (30 minutes)*

**Primary author:** Dr AMIRIKAS, Ramila (DESY)

**Presenter:** Dr AMIRIKAS, Ramila (DESY)

**Session Classification:** METSTAB

Contribution ID: 55

Type: **not specified**

## **Site correlation studies and the Importance of Module Support Systems on the Stability of the ILC Linacs**

*Monday, 8 January 2007 13:30 (30 minutes)*

**Primary author:** Dr BERTOLINI, Alessandro (DESY)

**Presenter:** Dr BERTOLINI, Alessandro (DESY)

**Session Classification:** METSTAB

Contribution ID: 56

Type: **not specified**

## **Acoustic noise impact on vibrations of a free-fixed beam**

*Monday, 8 January 2007 14:00 (30 minutes)*

**Primary author:** Mr BOLZON, Benoit (LAPP)

**Presenter:** Mr BOLZON, Benoit (LAPP)

**Session Classification:** METSTAB

Contribution ID: 57

Type: **not specified**

## LiCAS

*Monday, 8 January 2007 15:00 (30 minutes)*

**Primary author:** Dr REICHOLD, Armin (Oxford University)

**Presenter:** Dr REICHOLD, Armin (Oxford University)

**Session Classification:** METSTAB

Contribution ID: 58

Type: **not specified**

## **Electromagnetic Background in the IP Feedback System**

*Monday, 8 January 2007 16:00 (20 minutes)*

**Primary author:** HARTIN, Tony (University of Oxford)

**Presenter:** HARTIN, Tony (University of Oxford)

**Session Classification:** BDS ILPS LET combined

**Track Classification:** Integrated Luminosity Performance Studies / Low emittance tuning

Contribution ID: 59

Type: **not specified**

## StaFF

*Monday, 8 January 2007 15:30 (30 minutes)*

**Presenter:** Dr URNER, David (University of Oxford)

**Session Classification:** METSTAB



Contribution ID: **60**

Type: **not specified**

# Discussion

Contribution ID: **61**

Type: **not specified**

## **Status of the 4m undulator module**

*Monday, 8 January 2007 14:00 (15 minutes)*

**Primary author:** BRUMMITT, Amanda (Rutherford Appleton Laboratory)

**Presenter:** BRUMMITT, Amanda (Rutherford Appleton Laboratory)

**Session Classification:** PPS

**Track Classification:** Polarised Positron Source

Contribution ID: **62**

Type: **not specified**

## **Undulator modelling and prototypes update**

*Monday, 8 January 2007 13:45 (15 minutes)*

**Primary author:** ROCHFORD, Jim (Rutherford Appleton Laboratory)

**Presenter:** ROCHFORD, Jim (Rutherford Appleton Laboratory)

**Session Classification:** PPS

**Track Classification:** Polarised Positron Source

Contribution ID: **63**

Type: **not specified**

## **Depolarisation in the ILC**

*Monday, 8 January 2007 11:00 (15 minutes)*

**Co-author:** MALYSHEVA, Larissa (Cockcroft Institute and Liverpool University)

**Presenter:** MALYSHEVA, Larissa (Cockcroft Institute and Liverpool University)

**Session Classification:** PPS

**Track Classification:** Polarised Positron Source

Contribution ID: 64

Type: **not specified**

## **Spin transport in the capture optics**

*Monday, 8 January 2007 10:45 (15 minutes)*

**Primary author:** JENNER, Leo (Cockcroft Institute and Liverpool University)

**Presenter:** JENNER, Leo (Cockcroft Institute and Liverpool University)

**Session Classification:** PPS

**Track Classification:** Polarised Positron Source

Contribution ID: 65

Type: **not specified**

## Collimator Overview

*Monday, 8 January 2007 13:30 (15 minutes)*

**Primary author:** BAILEY, Ian (Cockcroft Institute and Liverpool University)

**Presenter:** BAILEY, Ian (Cockcroft Institute and Liverpool University)

**Session Classification:** PPS

**Track Classification:** Polarised Positron Source

Contribution ID: **66**

Type: **not specified**

## **Status of Fast Ion Instability Studies**

*Monday, 8 January 2007 16:00 (20 minutes)*

**Primary author:** Dr XIA, Guoxing (DESY)

**Presenters:** Dr ELSEN, Eckhard (DESY); Dr XIA, Guoxing (DESY)

**Session Classification:** DR

**Track Classification:** Damping Rings

Contribution ID: 67

Type: **not specified**

## Status of the Head-on Interaction Region

*Tuesday, 9 January 2007 11:00 (20 minutes)*

**Primary author:** Dr NAPOLY, Olivier (CEA)

**Presenter:** Dr NAPOLY, Olivier (CEA)

**Session Classification:** BDS ILPS LET combined

**Track Classification:** Beam Delivery Systems



Contribution ID: **68**

Type: **not specified**

## **Status of Integrated Simulations based on PLACET**

*Monday, 8 January 2007 13:00 (25 minutes)*

**Primary author:** LATINA, Andrea (CERN)

**Presenter:** LATINA, Andrea (CERN)

**Session Classification:** ILPS/ILC-LET

Contribution ID: **69**

Type: **not specified**

## **Pathlength Feedback for CLIC**

*Wednesday, 10 January 2007 09:00 (20 minutes)*

**Primary author:** Dr STULLE, Frank (PSI)

**Presenter:** Dr STULLE, Frank (PSI)

**Session Classification:** ILPS/ILC-LET: BC

Contribution ID: 70

Type: **not specified**

## **News from depolarization effects in beam-beam interaction**

*Monday, 8 January 2007 11:15 (15 minutes)*

**Primary author:** MOORTGAT-PICK, Gudrid (Institute for Particle Physics Phenomenology)

**Presenter:** MOORTGAT-PICK, Gudrid (Institute for Particle Physics Phenomenology)

**Session Classification:** PPS

**Track Classification:** Polarised Positron Source

Contribution ID: 71

Type: **not specified**

## **Polarisation dependency of nonlinear IP pair production processes**

*Monday, 8 January 2007 11:30 (15 minutes)*

**Primary author:** HARTIN, Tony (Oxford University)

**Presenter:** HARTIN, Tony (Oxford University)

**Session Classification:** PPS

**Track Classification:** Polarised Positron Source

Contribution ID: 72

Type: **not specified**

## Target issues for different undulator parameters

*Monday, 8 January 2007 13:15 (15 minutes)*

**Primary author:** USHAKOV, Andriy (DESY Zeuthen)

**Presenter:** USHAKOV, Andriy (DESY Zeuthen)

**Session Classification:** PPS

**Track Classification:** Polarised Positron Source

Contribution ID: 73

Type: **not specified**

## **Polarization in GEANT 4**

*Monday, 8 January 2007 10:30 (15 minutes)*

**Primary author:** SCHAELICKE, Andreas Schaelicke (DESY Zeuthen)

**Presenter:** SCHAELICKE, Andreas Schaelicke (DESY Zeuthen)

**Session Classification:** PPS

**Track Classification:** Polarised Positron Source

Contribution ID: 74

Type: **not specified**

## **A low energy positron polarimeter for the ILC**

*Monday, 8 January 2007 13:00 (15 minutes)*

**Primary author:** DOLLAN, Ralph (DESY Zeuthen)

**Presenter:** DOLLAN, Ralph (DESY Zeuthen)

**Session Classification:** PPS

**Track Classification:** Polarised Positron Source

Contribution ID: 78

Type: **not specified**

## **BDS beam based alignment**

*Wednesday, 10 January 2007 15:50 (30 minutes)*

**Primary author:** KOROSTELEV, Maxim (Unknown)

**Presenter:** KOROSTELEV, Maxim (Unknown)

**Session Classification:** ILPS/ILC-LET: BDS (telephone conference)

**Track Classification:** BDSILPS



Contribution ID: 79

Type: **not specified**

## **Recent Studies on the ILC Main Linac with MERLIN**

*Monday, 8 January 2007 10:30 (20 minutes)*

**Primary author:** Dr POIRIER, Freddy (DESY)

**Presenter:** Dr POIRIER, Freddy (DESY)

**Session Classification:** ILPS/ILC-LET

Contribution ID: **80**

Type: **not specified**

## **Implementation of Higher Order Mode Wakefields in Merlin**

*Tuesday, 9 January 2007 11:55 (20 minutes)*

**Primary author:** BUNGAU, Adriana

**Presenter:** BUNGAU, Adriana

**Session Classification:** BDS ILPS LET combined

**Track Classification:** BDSILPS

Contribution ID: **81**

Type: **not specified**

## **GANMVL Architecture Overview, Existing Operation and Outlook to a Global Accelerator Network**

*Tuesday, 9 January 2007 14:10 (30 minutes)*

**Primary author:** KARSTENSEN, Sven (DESY)

**Presenter:** KARSTENSEN, Sven (DESY)

**Session Classification:** Joint Topical Session

**Track Classification:** Joint Topical Session

Contribution ID: 82

Type: **not specified**

## **Integrated Dynamical Integrated Dynamical Simulation of Dispersion Free Steering**

*Monday, 8 January 2007 10:50 (20 minutes)*

**Primary author:** LEBRUN, Paul

**Presenter:** LEBRUN, Paul

**Session Classification:** ILPS/ILC-LET

**Track Classification:** Integrated Luminosity Performance Studies / Low emittance tuning

Contribution ID: **83**

Type: **not specified**

## **Introduction to ATF2 beam tuning**

*Wednesday, 10 January 2007 13:30 (20 minutes)*

**Primary author:** Dr KURODA, Shigeru (KEK)

**Presenter:** Dr KURODA, Shigeru (KEK)

**Session Classification:** ILPS-LET: ATF2

Contribution ID: **84**

Type: **not specified**

## **ATF2 Extraction Line**

*Wednesday, 10 January 2007 13:50 (20 minutes)*

**Primary author:** Dr OKUGI, Toshiyuki (KEK)

**Presenter:** Dr OKUGI, Toshiyuki (KEK)

**Session Classification:** ILPS-LET: ATF2

Contribution ID: 85

Type: **not specified**

## **ATF2 tuning simulation**

*Wednesday, 10 January 2007 14:10 (20 minutes)*

**Primary author:** Dr WHITE, Glen (SLAC)

**Presenter:** Dr WHITE, Glen (SLAC)

**Session Classification:** ILPS-LET: ATF2

Contribution ID: **86**

Type: **not specified**

## **BDS tuning simulation**

*Wednesday, 10 January 2007 16:20 (30 minutes)*

**Primary author:** Dr WHITE, Glen (SLAC)

**Presenter:** Dr WHITE, Glen (SLAC)

**Session Classification:** ILPS/ILC-LET: BDS (telephone conference)



Contribution ID: 87

Type: **not specified**

## **Kick Minimization steering in ILC bunch compressor, preliminary simulation**

*Wednesday, 10 January 2007 10:00 (20 minutes)*

**Primary author:** Dr KUBO, Kiyoshi (KEK)

**Presenter:** Dr KUBO, Kiyoshi (KEK)

**Session Classification:** ILPS/ILC-LET: BC

Contribution ID: **88**

Type: **not specified**

## **RTML tuning**

*Wednesday, 10 January 2007 11:00 (20 minutes)*

**Primary author:** Mr SMITH, Jeffrey (Cornell University)

**Presenter:** Mr SMITH, Jeffrey (Cornell University)

**Session Classification:** ILPS/ILC-LET: RTML

Contribution ID: **89**

Type: **not specified**

## **RTML tuning**

*Wednesday, 10 January 2007 11:20 (20 minutes)*

**Primary author:** Dr KUBO, Kiyoshi (KEK)

**Presenter:** Dr KUBO, Kiyoshi (KEK)

**Session Classification:** ILPS/ILC-LET: RTML

Contribution ID: **90**

Type: **not specified**

## **Review of undulator section of e- main linac for e+ source**

*Thursday, 11 January 2007 08:50 (20 minutes)*

**Primary author:** JONES, James

**Presenter:** JONES, James

**Session Classification:** ILPS/ILC-LET:Main Linac

Contribution ID: **91**

Type: **not specified**

## **Kick Minimization steering in undulator section**

*Thursday, 11 January 2007 09:10 (20 minutes)*

**Primary author:** Dr KUBO, Kiyoshi (KEK)

**Presenter:** Dr KUBO, Kiyoshi (KEK)

**Session Classification:** ILPS/ILC-LET:Main Linac

Contribution ID: 92

Type: **not specified**

## Summary of Code Benchmark

*Thursday, 11 January 2007 10:15 (20 minutes)*

**Primary author:** Mr SMITH, Jeffrey (Cornell University)

**Presenter:** Mr SMITH, Jeffrey (Cornell University)

**Session Classification:** ILPS/ILC-LET: Main Linac

Contribution ID: 93

Type: **not specified**

## **Adaptive alignment and Ground Motion**

*Thursday, 11 January 2007 10:35 (20 minutes)*

**Primary author:** RANJAN, Kirti (Fermilab)

**Presenter:** RANJAN, Kirti (Fermilab)

**Session Classification:** ILPS/ILC-LET: Main Linac

Contribution ID: 94

Type: **not specified**

## **Automatic Optimisation of Final Focus Systems with Local Chromaticity Correction**

*Monday, 8 January 2007 17:00 (20 minutes)*

**Primary author:** PAYET, Jacques (CEA)

**Presenter:** Dr NAPOLY, Olivier (CEA)

**Session Classification:** BDS ILPS LET combined

**Track Classification:** BDSILPS



Contribution ID: 95

Type: **not specified**

## Recent improvements of MERLIN

**Primary author:** Dr KRUECKER, Dirk (DESY)

**Presenter:** Dr WALKER, Nicholas (DESY)

**Track Classification:** BDSILPS

Contribution ID: 96

Type: **not specified**

## Summary & Outlook

*Tuesday, 9 January 2007 15:00 (20 minutes)*

**Primary author:** BURROWS, Phil (University of Oxford)

**Presenter:** BURROWS, Phil (University of Oxford)

**Session Classification:** Plenary

**Track Classification:** Plenary

Contribution ID: 97

Type: **not specified**

## **Lattice Design of BDS (phone)**

*Wednesday, 10 January 2007 15:30 (20 minutes)*

**Primary author:** WOODLEY, Mark (SLAC)

**Presenter:** WOODLEY, Mark (SLAC)

**Session Classification:** ILPS/ILC-LET: BDS (telephone conference)

Contribution ID: 98

Type: **not specified**

## Lattice Design of Main Linac

*Thursday, 11 January 2007 08:30 (20 minutes)*

**Primary author:** VALISHEV, Alexander

**Presenter:** VALISHEV, Alexander

**Session Classification:** ILPS/ILC-LET:Main Linac

Contribution ID: 99

Type: **not specified**

## Simulation of undulator section (?)

*Thursday, 11 January 2007 09:30 (20 minutes)*

**Primary author:** SCHULTE, Daniel (CERN)

**Presenter:** SCHULTE, Daniel (CERN)

**Session Classification:** ILPS/ILC-LET:Main Linac

Contribution ID: **100**

Type: **not specified**

**(no title)**

**Presenter:** SCHULTE, Daniel (CERN)

Contribution ID: **101**

Type: **not specified**

## **Emittance Tuning Bumps**

*Thursday, 11 January 2007 10:55 (20 minutes)*

**Primary author:** ELIASSON, Peder (CERN)

**Session Classification:** ILPS/ILC-LET: Main Linac