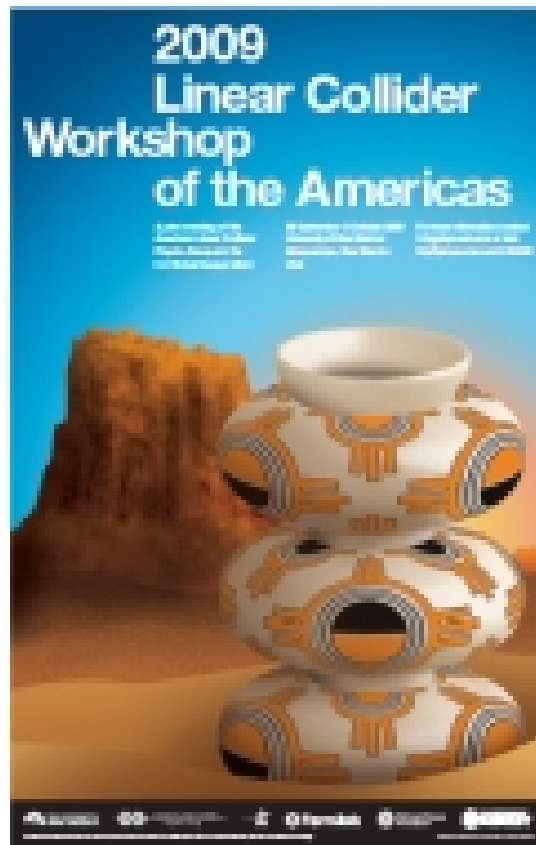


2009 Linear Collider Workshop of the Americas



Report of Contributions

Contribution ID: 0

Type: **not specified**

Recoil Mass Measurement

Friday, 2 October 2009 16:00 (25 minutes)

Presenter: POESCHL, Roman

Session Classification: Benchmarks Plenary

Contribution ID: 1

Type: **not specified**

Higgs Branching Fraction Measurement

Friday, 2 October 2009 16:25 (25 minutes)

Presenter: Dr TAKUBO, Yosuke (Tohoku University)

Session Classification: Benchmarks Plenary

Contribution ID: 2

Type: **not specified**

Chargino/Neutralino Measurement

Friday, 2 October 2009 16:50 (25 minutes)

Presenter: NOMEROTSKI, Andrei (University of Oxford)

Session Classification: Benchmarks Plenary

Contribution ID: 3

Type: **not specified**

Top and tau Measurement

Friday, 2 October 2009 17:15 (25 minutes)

Presenter: Dr BARKLOW, Timothy (SLAC)

Session Classification: Benchmarks Plenary

Contribution ID: 4

Type: **not specified**

W/Z Separation

Friday, 2 October 2009 17:40 (20 minutes)

Presenter: MAZZACANE, Anna (Universita delSalento - INFN Lecce)

Session Classification: Benchmarks Plenary

Contribution ID: 5

Type: **not specified**

Squark and gluino production at the ILC

Wednesday, 30 September 2009 16:00 (30 minutes)

Presenter: Dr RIZZO, Thomas (SLAC)

Session Classification: Physics Plenary

Contribution ID: 6

Type: **not specified**

Precision measurements at the ILC

Wednesday, 30 September 2009 16:30 (30 minutes)

Presenter: Prof. STEWART, Iain (MIT)

Session Classification: Physics Plenary

Contribution ID: 7

Type: **not specified**

(No) Eternal Inflation and Precision Higgs Physics

Tuesday, 29 September 2009 16:15 (30 minutes)

Presenter: Dr SENATORE, Leonardo (IAS)

Session Classification: ALCPG Plenary

Contribution ID: 8

Type: **not specified**

GDE Report

Tuesday, 29 September 2009 09:05 (40 minutes)

Presenter: Dr BARISH, Barry (Director of the ILC Global Design Effort)

Session Classification: ALCPG and GDE Joint Plenary

Contribution ID: 9

Type: **not specified**

LHC Status

Tuesday, 29 September 2009 09:45 (45 minutes)

Presenter: LEBRUN, Philippe (Member of the CLIC Design Team, formerly Head of the Accelerator Technology Department)

Session Classification: ALCPG and GDE Joint Plenary

Contribution ID: **10**

Type: **not specified**

RD/IDAG Report

Tuesday, 29 September 2009 11:00 (1 hour)

Presenters: DAVIER, Michel (Chair of IDAG, Orsay); YAMADA, Sakue (Research Director for the ILC, KEK)

Session Classification: ALCPG and GDE Joint Plenary

Contribution ID: 11

Type: **not specified**

New Dark Matter Models and Implications for the ILC

Tuesday, 29 September 2009 12:00 (30 minutes)

Presenter: NELSON, Ann (University of Washington)

Session Classification: ALCPG and GDE Joint Plenary

Contribution ID: 13

Type: **not specified**

Detector R&D

Tuesday, 29 September 2009 14:40 (35 minutes)

Presenter: STANITZKI, Marcel (STFC, Rutherford Appleton Laboratory)

Session Classification: ALCPG Plenary

Contribution ID: 14

Type: **not specified**

Rethinking the LHC - ILC Connection

Tuesday, 29 September 2009 14:00 (40 minutes)

Presenter: PESKIN, Michael (SLAC, Stanford University)

Session Classification: ALCPG Plenary

Contribution ID: **18**

Type: **not specified**

Project Management Talk

Tuesday, 29 September 2009 16:15 (30 minutes)

PM Discussion with the Technical Area Group Leaders to discuss workshop organization, goals and assignments.

Presenters: Prof. YAMAMOTO, Akira (High Energy Accelerator Research Organization (KEK)); Dr ROSS, Marc (FNAL); Dr WALKER, Nicholas (DESY)

Session Classification: GDE Plenary

Contribution ID: 19

Type: **not specified**

The Spallation Neutron Source Linac: Performance and Operational Experience

Tuesday, 29 September 2009 14:00 (30 minutes)

Presenter: HENDERSON, Stuart (Director of Research Accelerator Division, ORNL)

Session Classification: GDE Plenary

Contribution ID: **20**

Type: **not specified**

CLIC status & plans and collaboration with ILC

Tuesday, 29 September 2009 14:30 (30 minutes)

Presenter: DELAHAYE, Jean-Pierre (CERN, Director - CLIC)

Session Classification: GDE Plenary

Contribution ID: 21

Type: **not specified**

ITER: Progress, Challenges and Steps Forward for Large International Science Collaborations

Tuesday, 29 September 2009 15:00 (25 minutes)

Presenter: STRAWBRIDGE, Carl (US ITER Deputy Project Manager, ORNL)

Session Classification: GDE Plenary

Contribution ID: 23

Type: **not specified**

Status of PFA and potential at higher energies

Tuesday, 29 September 2009 15:15 (30 minutes)

Presenter: Prof. THOMSON, Mark (University of Cambridge)

Session Classification: ALCPG Plenary

Contribution ID: 27

Type: **not specified**

New developments in loop calculations and their implications for the LHC and ILC

Wednesday, 30 September 2009 17:00 (30 minutes)

Presenter: Dr BERGER, Carola F. (MIT, CTP)

Session Classification: Physics Plenary

Contribution ID: 28

Type: **not specified**

AAP update and future planning

Tuesday, 29 September 2009 15:25 (20 minutes)

Presenter: Prof. WILLIS, William (Columbia, Co-Chair of the Accelerator Advisory Panel)

Session Classification: GDE Plenary

Contribution ID: 29

Type: **not specified**

Progress Towards the New Baseline for the ILC

Tuesday, 29 September 2009 16:45 (1 hour)

Presenter: Dr WALKER, Nicholas (DESY)

Session Classification: ALCPG and GDE Joint Plenary

Contribution ID: **30**

Type: **not specified**

Welcome

Tuesday, 29 September 2009 09:03 (2 minutes)

Presenter: Dr DOUGHER, Michael (UNM Associate Vice President for Research)

Session Classification: ALCPG and GDE Joint Plenary

Contribution ID: **32**

Type: **not specified**

Status of emittance in the DR and EXT

Thursday, 1 October 2009 08:35 (20 minutes)

Presenter: Dr KURODA, Shigeru (KEK)

Session Classification: GDE: Beam Delivery System

Contribution ID: 33

Type: **not specified**

Strategy of ATF2 commissioning in 2009 & Discussion

Thursday, 1 October 2009 08:55 (1 hour)

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

Session Classification: GDE: Beam Delivery System

Contribution ID: **34**

Type: **not specified**

Joint: BDS + IR (See IR schedule for links to talks)

Wednesday, 30 September 2009 13:30 (5 minutes)

- (1) Impact of Travelling Focus & Strawman Baseline 2009 Changes to MDI – Andrei Seryi
- (2) Progress on Push-Pull IR Studies – Marco Oriunno
- (3) Compact SC Quad Prototype Plans & DID Status – Brett Parker
- (4) QD0/QF1 Design Update – Andy Marone

Session Classification: GDE: Beam Delivery System

Contribution ID: **36**

Type: **not specified**

ATF2 SC FD quad discussions and cryo system

Wednesday, 30 September 2009 16:05 (40 minutes)

Presenter: Dr PARKER, Brett (BNL)

Session Classification: GDE: Beam Delivery System

Contribution ID: 37

Type: **not specified**

ATF2 detailed presentations/discussions on status of systems

Wednesday, 30 September 2009 10:30 (5 minutes)

Session Classification: GDE: Beam Delivery System

Contribution ID: **38**

Type: **not specified**

BDS presentations/discussions on systems status

Thursday, 1 October 2009 10:30 (5 minutes)

Session Classification: GDE: Beam Delivery System

Contribution ID: **39**

Type: **not specified**

Joint: BDS + Beam Instrumentations

Thursday, 1 October 2009 16:00 (5 minutes)

Session Classification: GDE: Beam Delivery System

Contribution ID: 41

Type: **not specified**

BDS + invited GG team

Friday, 2 October 2009 08:30 (5 minutes)

Session Classification: GDE: Beam Delivery System

Contribution ID: 42

Type: **not specified**

Photon Collider Laser Design

Friday, 2 October 2009 08:35 (30 minutes)

Presenters: STUART, Brent (LLNL); Dr GRONBERG, Jeff (LLNL)

Session Classification: GDE: Beam Delivery System

Contribution ID: 43

Type: **not specified**

Joint: BDS + IR

Friday, 2 October 2009 10:30 (1h 20m)

- (1) Vibration analysis of the ILD QD0-support system Hiroshi Yamaoka
- (2) Vibration Studies for SiD Marco Oriunno
- (3) Recent Vibration Measurements (TBC)

Session Classification: GDE: Beam Delivery System

Contribution ID: 44

Type: **not specified**

Joint session with Beam Dynamics & IR (See IR agenda for links to talks)

Friday, 2 October 2009 13:30 (5 minutes)

- (1) IP Feedback System Prototyping and Design, Phil Burrows
- (2) Expected Performance of IP FB System at ILC, Glen White
- (3) Vacuum requirements in the detector region from Beam Gas and other considerations, Takashi Maruyama
- (4) Update on vacuum modelling, Oleg Maleshev

Session Classification: GDE: Beam Delivery System

Contribution ID: 45

Type: **not specified**

Introduction and Status of Fermilab test beam facility

Wednesday, 30 September 2009 08:30 (20 minutes)

Primary author: Dr RAMBERG, Erik (Fermi National Accelerator Laboratory)

Presenter: Dr RAMBERG, Erik (Fermi National Accelerator Laboratory)

Session Classification: Detectors: Test Beams

Contribution ID: 46

Type: **not specified**

Proposal for a SLAC end station test beam

Wednesday, 30 September 2009 08:50 (15 minutes)

Primary author: JAROS, John (SLAC)

Presenter: JAROS, John (SLAC)

Session Classification: Detectors: Test Beams

Contribution ID: 47

Type: **not specified**

Status of Asian test beam facilities

Wednesday, 30 September 2009 09:05 (15 minutes)

Primary author: KOTERA, Katsushige (Shinshu University, Faculty of Science,)

Presenter: KOTERA, Katsushige (Shinshu University, Faculty of Science,)

Session Classification: Detectors: Test Beams

Contribution ID: 48

Type: **not specified**

European test beam facilities

Wednesday, 30 September 2009 09:20 (15 minutes)

Primary author: Dr RAMBERG, Erik (Fermi National Accelerator Laboratory)

Presenter: Dr RAMBERG, Erik (Fermi National Accelerator Laboratory)

Session Classification: Detectors: Test Beams

Contribution ID: 49

Type: **not specified**

2nd ILC Test Beam Workshop information

Thursday, 1 October 2009 14:50 (10 minutes)

Primary author: POESCHL, Roman

Presenter: POESCHL, Roman

Session Classification: Detectors: Test Beams

Contribution ID: 50

Type: **not specified**

Vertex Detector Test Beam Issues

Thursday, 1 October 2009 13:30 (20 minutes)

Primary author: MARINAS, carlos (valencia)

Presenter: MARINAS, carlos (valencia)

Session Classification: Detectors: Test Beams

Contribution ID: 51

Type: **not specified**

Tracking Detector Plans for Test Beam

Thursday, 1 October 2009 13:50 (20 minutes)

Primary author: Dr SETTLES, Ron (Max-Planck-Institut fuer Physik)

Presenter: Dr SETTLES, Ron (Max-Planck-Institut fuer Physik)

Session Classification: Detectors: Test Beams

Contribution ID: 52

Type: **not specified**

ILC Calorimetry in Test Beams

Thursday, 1 October 2009 14:10 (20 minutes)

Primary author: Dr XIA, Lei (Argonne National Laboratory)

Presenter: Dr XIA, Lei (Argonne National Laboratory)

Session Classification: Detectors: Test Beams

Contribution ID: 53

Type: **not specified**

Muon Detector Test Beam Plans

Thursday, 1 October 2009 14:30 (20 minutes)

Primary author: Dr RUBINOV, Paul (Fermilab)

Co-author: Dr RAMBERG, Erik (Fermi National Accelerator Laboratory)

Presenter: Dr RUBINOV, Paul (Fermilab)

Session Classification: Detectors: Test Beams

Contribution ID: 54

Type: **not specified**

ATF and Beamline Instrumentation Testing Plans

Wednesday, 30 September 2009 09:35 (15 minutes)

Primary author: TERUNUMA, Nobuhiro (KEK)

Presenter: TERUNUMA, Nobuhiro (KEK)

Session Classification: Detectors: Test Beams

Contribution ID: 55

Type: **not specified**

Design of the RTML Extraction Line for Single Stage Bunch Compressor

Thursday, 1 October 2009 08:30 (25 minutes)

Presenter: SELETSKIY, Sergei

Session Classification: GDE: Beam Dynamics

Contribution ID: 56

Type: **not specified**

Simulations of Bunch Compressors

Thursday, 1 October 2009 08:55 (25 minutes)

Presenter: LATINA, Andrea

Session Classification: GDE: Beam Dynamics

Contribution ID: 57

Type: **not specified**

Reference network simulations (webex)

Thursday, 1 October 2009 09:20 (25 minutes)

Presenter: Mr DALE, John (University of Oxford)

Session Classification: GDE: Beam Dynamics

Contribution ID: 58

Type: **not specified**

Proposal of cryogenics system for the SC FD quad at ATF2, Nobuhiro Kimura (KEK)

Wednesday, 30 September 2009 16:45 (30 minutes)

Presenter: Dr KIMURA, Nobuhiro (Cryogenics Science Center / KEK)

Session Classification: GDE: Beam Delivery System

Contribution ID: 59

Type: **not specified**

Report from the Software Common Task Group

Wednesday, 30 September 2009 10:30 (20 minutes)

Presenter: MIYAMOTO, Akiya (KEK)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: **60**

Type: **not specified**

ILD software: Status & Overview

Wednesday, 30 September 2009 10:50 (20 minutes)

Presenter: GAEDE, Frank (DESY)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: **61**

Type: **not specified**

slic & org.lcsim: Recent Developments

Wednesday, 30 September 2009 11:10 (20 minutes)

Presenter: MCCORMICK, Jeremy (SLAC)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: **62**

Type: **not specified**

CLIC Simulation Software: Overview and Plans

Wednesday, 30 September 2009 11:30 (20 minutes)

Presenter: Mr GREFE, Christian (CERN, Bonn University)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: **63**

Type: **not specified**

ILD LOI Benchmark simulation and reconstruction

Wednesday, 30 September 2009 13:30 (20 minutes)

Presenter: Dr APLIN, Steve (DESY)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: **64**

Type: **not specified**

SiD LOI Benchmark simulation and reconstruction

Wednesday, 30 September 2009 13:50 (20 minutes)

Presenter: GRAF, Norman (SLAC)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: 65

Type: **not specified**

SiD on the Grid

Wednesday, 30 September 2009 14:10 (20 minutes)

Presenter: Dr STRUBE, Jan (Rutherford Appleton Laboratory)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: **66**

Type: **not specified**

Lepton ID in the SiD LOI benchmarking

Wednesday, 30 September 2009 14:30 (20 minutes)

Presenter: CASSELL, Ron (SLAC)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: 67

Type: **not specified**

Status of the Physics Analyses of the 4th Concept

Wednesday, 30 September 2009 14:50 (20 minutes)

Presenter: Dr GATTO, Corrado (INFN)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: **68**

Type: **not specified**

Beam backgrounds: Simulation & Effects on Reconstruction

Friday, 2 October 2009 13:30 (20 minutes)

Presenter: Dr WICHMANN, Katarzyna (DESY)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: **69**

Type: **not specified**

SiD Tracking and Calorimeter Simulation and Reconstruction

Friday, 2 October 2009 13:50 (20 minutes)

Presenter: ONOPRIENKO, Dmitry (Kansas State University)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: 70

Type: **not specified**

SiD Tracking in the LOI and future plans

Friday, 2 October 2009 14:10 (15 minutes)

Presenter: PARTRIDGE, Richard (SLAC)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: 71

Type: **not specified**

Status and Plans of the SiD(/Iowa) PFA

Friday, 2 October 2009 09:30 (15 minutes)

Presenter: MALLIK, Usha (U. Iowa)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: 72

Type: **not specified**

HCAL and PFA

Friday, 2 October 2009 09:45 (15 minutes)

Presenter: Dr COWAN, Ray (M.I.T.)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: 74

Type: **not specified**

Simulation study of a hadronic calorimeter with various absorber materials

Friday, 2 October 2009 08:30 (20 minutes)

Presenter: BLAHA, Jan (lapp-Laboratoire d'Annecy-le-Vieux de Physique des Particules-In)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: 76

Type: **not specified**

Towards Jet Specific Energy Resolution: Investigating Pi0 Kinematic Fits

Friday, 2 October 2009 08:50 (20 minutes)

Presenter: Dr WILSON, Graham (KU)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: 77

Type: **not specified**

Implementing a dual readout calorimeter in SLIC and testing Geant4 Physics

Friday, 2 October 2009 14:25 (20 minutes)

Presenter: Dr WENZEL, Hans (FNAL)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: 78

Type: **not specified**

Implementing Dual Readout in ILCroot

Friday, 2 October 2009 14:45 (20 minutes)

Presenter: Mr DI BENEDETTO, Vito (University del Salento - INFN LE)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: 79

Type: **not specified**

Accelerator Design and Integration Goals for ALCPG09

Wednesday, 30 September 2009 08:30 (20 minutes)

Primary author: Dr WALKER, Nicholas (DESY)

Co-author: Dr ROSS, Marc (FNAL)

Presenter: PATERSON, Ewan (SLAC)

Session Classification: GDE: Accelerator Design and Integration

Contribution ID: **80**

Type: **not specified**

Availability Task Force Report

Wednesday, 30 September 2009 08:50 (35 minutes)

Presenter: Prof. HIMEL, Thomas (SLAC)

Session Classification: GDE: Accelerator Design and Integration

Contribution ID: **81**

Type: **not specified**

Tunnel Life Safety and Egress

Wednesday, 30 September 2009 09:25 (35 minutes)

Presenter: Mr KUCHLER, Victor (Fermilab)

Session Classification: GDE: Accelerator Design and Integration

Contribution ID: **82**

Type: **not specified**

Sources Report

Saturday, 3 October 2009 08:30 (10 minutes)

Presenter: Prof. CLARKE, Jim (STFC Daresbury Lab)

Session Classification: GDE Plenary

Contribution ID: **83**

Type: **not specified**

Damping Ring Report

Saturday, 3 October 2009 08:40 (10 minutes)

Session Classification: GDE Plenary

Contribution ID: **84**

Type: **not specified**

Main Linac Report

Saturday, 3 October 2009 08:50 (20 minutes)

Presenter: ADOLPHSEN, Chris (SLAC)

Session Classification: GDE Plenary

Contribution ID: 85

Type: **not specified**

Beam Delivery System Report

Saturday, 3 October 2009 09:10 (10 minutes)

Presenter: Dr SERYI, Andrei (SLAC)

Session Classification: GDE Plenary

Contribution ID: **86**

Type: **not specified**

Beam Dynamics Report

Saturday, 3 October 2009 09:20 (10 minutes)

Presenter: Dr KUBO, Kiyoshi (KEK)

Session Classification: GDE Plenary

Contribution ID: **87**

Type: **not specified**

CFS Report

Saturday, 3 October 2009 09:30 (20 minutes)

Presenter: Mr KUCHLER, Victor (Fermilab)

Session Classification: GDE Plenary

Contribution ID: **88**

Type: **not specified**

Cost Management Report

Saturday, 3 October 2009 09:50 (10 minutes)

Presenter: GARBINCIUS, Peter (FNAL)

Session Classification: GDE Plenary

Contribution ID: **89**

Type: **not specified**

Electron source status

Wednesday, 30 September 2009 13:30 (20 minutes)

Primary author: BRACHMANN, Axel (SLAC)

Presenter: BRACHMANN, Axel (SLAC)

Session Classification: GDE: Sources

Contribution ID: **90**

Type: **not specified**

Polarized photocathodes

Wednesday, 30 September 2009 13:50 (20 minutes)

Primary author: Dr ZHOU, Feng (SLAC)

Presenter: Dr ZHOU, Feng (SLAC)

Session Classification: GDE: Sources

Contribution ID: **91**

Type: **not specified**

CLIC electron source experiments

Wednesday, 30 September 2009 14:10 (20 minutes)

Presenter: Dr SHEPPARD, John (SLAC)

Session Classification: GDE: Sources

Contribution ID: 92

Type: **not specified**

Options for low energy spin manipulation

Wednesday, 30 September 2009 14:30 (20 minutes)

Presenter: Dr MOFFEIT, Kenneth (SLAC)

Session Classification: GDE: Sources

Contribution ID: 93

Type: **not specified**

Baseline target experiment update (via webex)

Wednesday, 30 September 2009 14:50 (20 minutes)

Presenter: Dr BAILEY, Ian (Cockcroft Institute/ University of Liverpool)

Session Classification: GDE: Sources

Contribution ID: 94

Type: **not specified**

Parameter options for undulator at end of linac

Wednesday, 30 September 2009 16:00 (20 minutes)

Presenter: Dr GAI, Wei (ANL)

Session Classification: GDE: Sources

Contribution ID: 95

Type: **not specified**

Flux concentrator studies

Wednesday, 30 September 2009 16:20 (20 minutes)

Presenter: PIGGOTT, Tom (Lawrence Livermore National Laboratory)

Session Classification: GDE: Sources

Contribution ID: **96**

Type: **not specified**

Li lens studies

Wednesday, 30 September 2009 16:40 (20 minutes)

Presenter: Dr MIKHAILICHENKO, Alexander (Cornell University)

Session Classification: GDE: Sources

Contribution ID: 97

Type: **not specified**

Target shielding studies (via Webex)

Thursday, 1 October 2009 10:30 (20 minutes)

Presenter: Dr USHAKOV, Andriy (DESY Zeuthen)

Session Classification: GDE: Sources

Contribution ID: **98**

Type: **not specified**

Engineering layout of the source & central region

Thursday, 1 October 2009 11:10 (30 minutes)

Presenter: Mr COLLOMB, Norbert (STFC)

Session Classification: GDE: Sources

Contribution ID: 99

Type: **not specified**

Simulation of liquid lead target for the undulator scheme

Thursday, 1 October 2009 14:20 (20 minutes)

Presenter: Dr GAI, Wei (ANL)

Session Classification: GDE: Sources

Contribution ID: **100**

Type: **not specified**

300 Hz source update and KEK beam tests

Thursday, 1 October 2009 13:30 (30 minutes)

Presenter: Dr OMORI, tsunehiko (KEK)

Session Classification: GDE: Sources

Contribution ID: **101**

Type: **not specified**

Compton cavity R&D update

Thursday, 1 October 2009 14:00 (20 minutes)

Presenter: Dr TAKAHASHI, Tohru Takahashi (Hiroshima University)

Session Classification: GDE: Sources

Contribution ID: **102**

Type: **not specified**

Banquet

Friday, 2 October 2009 19:00 (3 hours)

Contribution ID: **103**

Type: **not specified**

Dispersion Matching Steering Steering with BPM scale error

Thursday, 1 October 2009 09:45 (15 minutes)

Presenter: Dr KUBO, Kiyoshi (KEK)

Session Classification: GDE: Beam Dynamics

Contribution ID: **104**

Type: **not specified**

Introduction

Wednesday, 30 September 2009 13:30 (10 minutes)

Presenter: Dr GUIDUCCI, Susanna (INFN)

Session Classification: GDE: Damping Ring

Contribution ID: **105**

Type: **not specified**

RDR Lattice Update

Wednesday, 30 September 2009 13:40 (30 minutes)

Presenter: KOROSTELEV, Maxim (Unknown)

Session Classification: GDE: Damping Ring

Contribution ID: **106**

Type: **not specified**

Status of ATF Fast Kicker Experiment

Wednesday, 30 September 2009 14:10 (30 minutes)

Presenter: Prof. URAKAWA, Junji (KEK)

Session Classification: GDE: Damping Ring

Contribution ID: **107**

Type: **not specified**

Introduction & SLAC update

Thursday, 1 October 2009 08:30 (25 minutes)

Presenter: Dr PIVI, Mauro (SLAC)

Session Classification: GDE: Damping Ring

Contribution ID: **108**

Type: **not specified**

KEKB e-cloud R&D Update

Thursday, 1 October 2009 08:55 (20 minutes)

Presenter: Dr SUETSUGU, Yusuke (KEK)

Session Classification: GDE: Damping Ring

Contribution ID: **109**

Type: **not specified**

FNAL e-cloud R&D Update

Thursday, 1 October 2009 09:15 (20 minutes)

Presenter: Dr ZWASKA, RObert (Fermilab)

Session Classification: GDE: Damping Ring

Contribution ID: **110**

Type: **not specified**

Fast Ion Instability Studies at ATF

Thursday, 1 October 2009 10:30 (20 minutes)

Presenter: TERUNUMA, Nobuhiro (KEK)

Session Classification: GDE: Damping Ring

Contribution ID: **111**

Type: **not specified**

LBNL update and TE Wave

Thursday, 1 October 2009 10:50 (20 minutes)

Primary author: Dr DE SANTIS, Stefano (LBNL - CBP)

Presenter: Dr DE SANTIS, Stefano (LBNL - CBP)

Session Classification: GDE: Damping Ring

Contribution ID: **112**

Type: **not specified**

INFN e-cloud R&D Update

Thursday, 1 October 2009 09:55 (20 minutes)

Presenter: DEMMA, Theo (INFN-LNF)

Session Classification: GDE: Damping Ring

Contribution ID: **113**

Type: **not specified**

CERN R&D e-cloud Update (Tbd)

Thursday, 1 October 2009 09:35 (20 minutes)

Session Classification: GDE: Damping Ring

Contribution ID: **114**

Type: **not specified**

CesrTA Status

Thursday, 1 October 2009 13:30 (20 minutes)

Presenter: Dr PALMER, Mark (Cornell University LEPP)

Session Classification: GDE: Damping Ring

Contribution ID: 115

Type: **not specified**

CesrTA EC Simulations

Thursday, 1 October 2009 13:50 (40 minutes)

Presenter: DUGAN, Gerald (Cornell University)

Session Classification: GDE: Damping Ring

Contribution ID: **116**

Type: **not specified**

Mitigation Studies

Thursday, 1 October 2009 14:30 (20 minutes)

Presenter: CALVEY, Joseph (Cornell University)

Session Classification: GDE: Damping Ring

Contribution ID: 117

Type: **not specified**

CesrTA Planning Discussion, All

Thursday, 1 October 2009 14:50 (20 minutes)

Session Classification: GDE: Damping Ring

Contribution ID: **118**

Type: **not specified**

e-cloud WG Assessment and Plans, All

Thursday, 1 October 2009 15:10 (20 minutes)

Session Classification: GDE: Damping Ring

Contribution ID: **119**

Type: **not specified**

SB2009 lattice update

Thursday, 1 October 2009 16:00 (20 minutes)

Primary authors: BIAGINI, Maria Enrica (INFN-LNF); Dr GUIDUCCI, Susanna (INFN-LNF)

Presenter: Dr GUIDUCCI, Susanna (INFN-LNF)

Session Classification: GDE: Damping Ring

Contribution ID: **120**

Type: **not specified**

DR Layout and Mechanical Design

Thursday, 1 October 2009 16:20 (30 minutes)

Presenter: Mr COLLOMB, Norbert (STFC)

Session Classification: GDE: Damping Ring

Contribution ID: 121

Type: **not specified**

Plans for risk assessment, technical design, cost evaluation, All

Thursday, 1 October 2009 16:50 (30 minutes)

Session Classification: GDE: Damping Ring

Contribution ID: **122**

Type: **not specified**

CesrTA LET results

Friday, 2 October 2009 08:30 (30 minutes)

Presenter: BILLING, Mike (LEPP)

Session Classification: GDE: Damping Ring

Contribution ID: 123

Type: **not specified**

CesrTA LET Instrumentation

Friday, 2 October 2009 09:00 (30 minutes)

Presenter: Dr PETERSON, Daniel (Cornell)

Session Classification: GDE: Damping Ring

Contribution ID: 124

Type: **not specified**

ATF plans in emittance tuning

Friday, 2 October 2009 09:30 (30 minutes)

Presenter: Dr KURODA, Shigeru (KEK)

Session Classification: GDE: Damping Ring

Contribution ID: 125

Type: **not specified**

BPMs update at ATF DR

Friday, 2 October 2009 10:30 (20 minutes)

Presenter: Mr WENDT, Manfred (Fermilab)

Session Classification: GDE: Damping Ring

Contribution ID: 126

Type: **not specified**

CLIC Damping Ring Update

Friday, 2 October 2009 10:50 (30 minutes)

Presenter: PAPAPHILIPPOU, Yannis

Session Classification: GDE: Damping Ring

Contribution ID: 127

Type: **not specified**

Opening Remarks

Tuesday, 29 September 2009 09:00 (3 minutes)

Presenter: SEIDEL, Sally (University of New Mexico, Chair - Organizing Committee)

Session Classification: ALCPG and GDE Joint Plenary

Contribution ID: 128

Type: **not specified**

GDE Summary and Future Plans

Saturday, 3 October 2009 10:30 (45 minutes)

Presenter: Dr ROSS, Marc (FNAL)

Session Classification: ALCPG and GDE Joint Plenary

Contribution ID: **129**

Type: **not specified**

The Path Forward- Realizing the Linear Collider Detectors

Saturday, 3 October 2009 11:15 (30 minutes)

Presenter: DEMARTEAU, Marcel (Fermi National Accelerator Laboratory (FNAL))

Session Classification: ALCPG and GDE Joint Plenary

Contribution ID: **130**

Type: **not specified**

Post Validation: SiD's Next Steps

Thursday, 1 October 2009 08:30 (20 minutes)

Presenter: JAROS, John (SLAC)

Session Classification: Detectors: SiD Working Group

Contribution ID: 131

Type: **not specified**

Q & A with the Research Director and IDAG Chair

Thursday, 1 October 2009 08:50 (30 minutes)

Presenters: DAVIER, Michel; YAMADA, Sakue

Session Classification: Detectors: SiD Working Group

Contribution ID: 132

Type: **not specified**

SiD's R&D Plan and Opportunities for New Collaborators

Thursday, 1 October 2009 09:20 (40 minutes)

Presenter: WHITE, Andy (UT Arlington)

Session Classification: Detectors: SiD Working Group

Contribution ID: 134

Type: **not specified**

SiD benchmarking analyses with b/c tagging

Thursday, 1 October 2009 16:00 (20 minutes)

Presenter: Dr LASTOVICKA, Tomas (University of Oxford)

Session Classification: Physics: b/c separation and tau tagging

Contribution ID: 135

Type: **not specified**

ZHH analysis with ILD

Thursday, 1 October 2009 16:20 (20 minutes)

Presenter: Dr TAKUBO, Yosuke (Tohoku University)

Session Classification: Physics: b/c separation and tau tagging

Contribution ID: 136

Type: **not specified**

ZH- \rightarrow $\nu\nu$ H with ILD

Thursday, 1 October 2009 16:40 (20 minutes)

Presenter: YOSHIDA, Kohei (Tohoku University)

Session Classification: Physics: b/c separation and tau tagging

Contribution ID: **137**

Type: **not specified**

SiD Sim/Recon Plans

Thursday, 1 October 2009 10:30 (20 minutes)

Presenter: GRAF, Norman (SLAC)

Session Classification: Detectors: SiD Working Group

Contribution ID: **138**

Type: **not specified**

Support Needed for SiD

Thursday, 1 October 2009 10:50 (20 minutes)

Presenter: WEERTS, Harry (ANL)

Session Classification: Detectors: SiD Working Group

Contribution ID: **139**

Type: **not specified**

CLIC Studies and SiD'

Thursday, 1 October 2009 11:10 (30 minutes)

Presenter: LINSSEN, Lucie (CERN)

Session Classification: Detectors: SiD Working Group

Contribution ID: 140

Type: **not specified**

Open Discussion: SiD's Future

Thursday, 1 October 2009 11:40 (20 minutes)

Presenters: WEERTS, Harry (ANL); JAROS, John (SLAC)

Session Classification: Detectors: SiD Working Group

Contribution ID: 141

Type: **not specified**

The CLIC/ILC common work plan progress (via Webex)

Thursday, 1 October 2009 10:50 (20 minutes)

Presenter: Dr RINOLFI, Louis (CERN)

Session Classification: GDE: Sources

Contribution ID: 142

Type: **not specified**

Tau-pair analysis in the ILD detector

Thursday, 1 October 2009 17:00 (20 minutes)

Presenter: Dr SUEHARA, Taikan (The University of Tokyo)

Session Classification: Physics: b/c separation and tau tagging

Contribution ID: 143

Type: **not specified**

XFEL cavity production plan

Wednesday, 30 September 2009 10:30 (15 minutes)

Presenter: Dr WEISE, Hans (DESY)

Session Classification: GDE: Main Linac

Contribution ID: 144

Type: **not specified**

Plan of STF cavity production test plant

Wednesday, 30 September 2009 10:45 (15 minutes)

Presenter: YAMAGUCHI, Seiya (KEK)

Session Classification: GDE: Main Linac

Contribution ID: 145

Type: **not specified**

US plans for cavity production

Wednesday, 30 September 2009 11:00 (15 minutes)

Presenter: KEPHART, Bob (FNAL)

Session Classification: GDE: Main Linac

Contribution ID: 146

Type: **not specified**

KEK Application of HPV code regulation

Wednesday, 30 September 2009 11:15 (15 minutes)

Presenter: KAKO, Eiji (KEK)

Session Classification: GDE: Main Linac

Contribution ID: 147

Type: **not specified**

"Cavity, Cryomodule and SRF Infrastructure Development in India for future SRF Linac"

Wednesday, 30 September 2009 11:30 (10 minutes)

Presenters: Dr MISHRA, Shekhar (FNAL); SAHNI, Vinod

Session Classification: GDE: Main Linac

Contribution ID: 148

Type: **not specified**

Review plug-compatible boundary and specifications, decide boundary of input-coupler

Wednesday, 30 September 2009 11:40 (20 minutes)

Presenter: HAYANO, Hitoshi (KEK)

Session Classification: GDE: Main Linac

Contribution ID: 149

Type: **not specified**

S1G cryomodule construction status report(Module A,C)

Wednesday, 30 September 2009 13:30 (30 minutes)

Presenter: Dr OHUCHI, Norihito (KEK)

Session Classification: GDE: Main Linac

Contribution ID: **150**

Type: **not specified**

S1G cryomodule component list

Wednesday, 30 September 2009 14:00 (15 minutes)

Presenter: Dr OHUCHI, Norihito (KEK)

Session Classification: GDE: Main Linac

Contribution ID: **151**

Type: **not specified**

KEK cavity preparation for S1G

Wednesday, 30 September 2009 14:15 (15 minutes)

Presenter: KAKO, Eiji (KEK)

Session Classification: GDE: Main Linac

Contribution ID: 152

Type: **not specified**

FNAL cavity preparation for S1G

Wednesday, 30 September 2009 14:30 (15 minutes)

Presenter: KERBY, Jim (Fermi National Accelerator Lab. (Fermilab))

Session Classification: GDE: Main Linac

Contribution ID: **153**

Type: **not specified**

DESY cavity preparation for S1G

Wednesday, 30 September 2009 14:45 (15 minutes)

Presenter: Dr KOSTIN, Denis (DESY)

Session Classification: GDE: Main Linac

Contribution ID: **154**

Type: **not specified**

Discussion

Wednesday, 30 September 2009 15:00 (30 minutes)

Session Classification: GDE: Main Linac

Contribution ID: 155

Type: **not specified**

S1G cryomodule test schedule (in general)

Wednesday, 30 September 2009 16:00 (20 minutes)

Presenter: HAYANO, Hitoshi (KEK)

Session Classification: GDE: Main Linac

Contribution ID: **156**

Type: **not specified**

S1G cryomodule cavity test items (in detail)

Wednesday, 30 September 2009 16:20 (20 minutes)

Presenter: KAKO, Eiji (KEK)

Session Classification: GDE: Main Linac

Contribution ID: 157

Type: **not specified**

S1G cryomodule thermal test item (in detail)

Wednesday, 30 September 2009 16:40 (20 minutes)

Presenter: Dr OHUCHI, Norihito (KEK)

Session Classification: GDE: Main Linac

Contribution ID: **158**

Type: **not specified**

HLRF plan for S1-Global in KEK

Wednesday, 30 September 2009 17:00 (20 minutes)

Presenter: Dr FUKUDA, Shigeki (KEK)

Session Classification: GDE: Main Linac

Contribution ID: **159**

Type: **not specified**

Discussion

Wednesday, 30 September 2009 17:20 (10 minutes)

Session Classification: GDE: Main Linac

Contribution ID: **160**

Type: **not specified**

RTML Extraction Line Design for Single Bunch Compressor

Thursday, 1 October 2009 08:30 (20 minutes)

Presenter: Dr SELETSKIY, Sergei (ILC)

Session Classification: GDE: Main Linac

Contribution ID: **161**

Type: **not specified**

Bunch Compressor Simulations

Thursday, 1 October 2009 08:50 (20 minutes)

Presenter: Dr LATINA, Andrea (CERN)

Session Classification: GDE: Main Linac

Contribution ID: **162**

Type: **not specified**

Reference network simulations

Thursday, 1 October 2009 09:10 (20 minutes)

Presenter: Mr DALE, John (University of Oxford / JAI)

Session Classification: GDE: Main Linac

Contribution ID: **163**

Type: **not specified**

DFS with BPM scale error

Thursday, 1 October 2009 09:30 (20 minutes)

Presenter: Dr KUBO, Kiyoshi (KEK)

Session Classification: GDE: Main Linac

Contribution ID: **164**

Type: **not specified**

Cooled quadrupole activity in FY10

Thursday, 1 October 2009 10:30 (15 minutes)

Presenter: KASHIKHIN, Vladimir

Session Classification: GDE: Main Linac

Contribution ID: **165**

Type: **not specified**

Progress on the FNAL CM BPM

Thursday, 1 October 2009 10:45 (10 minutes)

Presenter: Mr WENDT, Manfred (Fermilab)

Session Classification: GDE: Main Linac

Contribution ID: **166**

Type: **not specified**

Latest results on cavity gradient stability at TTF

Thursday, 1 October 2009 10:55 (15 minutes)

Presenter: Dr PEI, Shilun (SLAC)

Session Classification: GDE: Main Linac

Contribution ID: **167**

Type: **not specified**

Results from the 9 mA studies at TTF

Thursday, 1 October 2009 11:10 (50 minutes)

Presenter: Mr CARWARDINE, John (Argonne)

Session Classification: GDE: Main Linac

Contribution ID: **169**

Type: **not specified**

SiD Beamcal Simulations

Friday, 2 October 2009 09:10 (20 minutes)

Presenter: Mr OLEINIK, Gleb (University of Colorado, Boulder)

Session Classification: Detectors: Simulation and Reconstruction

Contribution ID: 170

Type: **not specified**

DESY cavities inspection, processing, testing and plan

Thursday, 1 October 2009 13:30 (20 minutes)

Presenter: MOELLER, Wolf-Dietrich

Session Classification: GDE: Main Linac

Contribution ID: 171

Type: **not specified**

Large-grain cavity progress

Thursday, 1 October 2009 13:50 (10 minutes)

Presenter: SINGER, Waldemar

Session Classification: GDE: Main Linac

Contribution ID: 172

Type: **not specified**

ANL/FNAL EP/HPR facility and cavity processing status and plan

Thursday, 1 October 2009 14:00 (15 minutes)

Presenter: ROWE, Allan (FNAL)

Session Classification: GDE: Main Linac

Contribution ID: 173

Type: **not specified**

sample tests for STF stain problem

Thursday, 1 October 2009 14:15 (10 minutes)

Presenter: Dr SAEKI, Takayuki (KEK)

Session Classification: GDE: Main Linac

Contribution ID: 174

Type: **not specified**

Achievement of 41 MV/m gradient by AES8

Thursday, 1 October 2009 14:25 (5 minutes)

Presenter: Dr GENG, Rongli (Jefferson Lab)

Session Classification: GDE: Main Linac

Contribution ID: 175

Type: **not specified**

Progress on guided repair and sponge cleaning

Thursday, 1 October 2009 14:30 (10 minutes)

Presenter: HAYANO, Hitoshi (KEK)

Session Classification: GDE: Main Linac

Contribution ID: 176

Type: **not specified**

status of SRF at TRIUMF and PAVAC

Thursday, 1 October 2009 14:40 (10 minutes)

Presenter: LOCKYER, Nigel (TRIUMF)

Session Classification: GDE: Main Linac

Contribution ID: 177

Type: **not specified**

Cavity R&D Status and Future Plans

Thursday, 1 October 2009 14:50 (40 minutes)

Presenter: Dr GENG, Rongli (Jefferson Lab)

Session Classification: GDE: Main Linac

Contribution ID: 178

Type: **not specified**

Re-entrant cavity progress

Thursday, 1 October 2009 16:00 (10 minutes)

Presenter: CONVAY, Zach

Session Classification: GDE: Main Linac

Contribution ID: 179

Type: **not specified**

KEK cavities: inspection, processing, testing and plan

Thursday, 1 October 2009 16:10 (20 minutes)

Presenter: YAMAMOTO, Yasuchika (KEK)

Session Classification: GDE: Main Linac

Contribution ID: **180**

Type: **not specified**

US cavities: status and plan

Thursday, 1 October 2009 16:30 (10 minutes)

Presenter: CHAMPION, Mark (FNAL)

Session Classification: GDE: Main Linac

Contribution ID: **181**

Type: **not specified**

Low-loss/ICHIRO cavity progress

Thursday, 1 October 2009 16:40 (10 minutes)

Presenter: FURUTA, Fumio

Session Classification: GDE: Main Linac

Contribution ID: **182**

Type: **not specified**

Cavity Database Status

Thursday, 1 October 2009 16:50 (40 minutes)

Presenter: GINSBURG, Camille (FNAL)

Session Classification: GDE: Main Linac

Contribution ID: **183**

Type: **not specified**

Update of R&D in support of the klystron cluster scheme/ High Power Tests of a reflection free, remote controllable phase shifter

Friday, 2 October 2009 10:30 (20 minutes)

Presenter: Dr NANTISTA, Christopher (SLAC)

Session Classification: GDE: Main Linac

Contribution ID: **184**

Type: **not specified**

Operational experience with the Marx Modulator, 10MW Toshiba MBK and SBK gun

Friday, 2 October 2009 10:50 (20 minutes)

Presenter: Mr WANG, Faya (SLAC)

Session Classification: GDE: Main Linac

Contribution ID: **185**

Type: **not specified**

Update of R&D of DRFS

Friday, 2 October 2009 11:10 (20 minutes)

Presenter: Dr FUKUDA, Shigeki (KEK)

Session Classification: GDE: Main Linac

Contribution ID: **186**

Type: **not specified**

Waveguide Components R&D; variable hybrid etc.

Friday, 2 October 2009 11:30 (20 minutes)

Presenter: Dr KAZAKOV, Sergey (KEK)

Session Classification: GDE: Main Linac

Contribution ID: **187**

Type: **not specified**

Impact of Travelling Focus & Strawman Baseline 2009 Changes to MDI

Wednesday, 30 September 2009 13:30 (30 minutes)

Presenter: Dr SERYI, Andrei (SLAC)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **188**

Type: **not specified**

Progress on Push-Pull IR Studies

Wednesday, 30 September 2009 14:00 (30 minutes)

Presenter: ORIUNNO, Marco (SLAC National Accelerator Laboratory)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **189**

Type: **not specified**

Compact SC Quad Prototype Plans and DID Status

Wednesday, 30 September 2009 14:30 (30 minutes)

Presenter: Dr PARKER, Brett (BNL)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **190**

Type: **not specified**

QD0/QF1 Design Update

Wednesday, 30 September 2009 15:00 (30 minutes)

Co-author: Dr PARKER, Brett (BNL)

Presenters: MARONE, Andy (BNL); Dr PARKER, Brett (BNL)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **191**

Type: **not specified**

Forward Region Studies for the CLIC Detector

Thursday, 1 October 2009 13:30 (30 minutes)

Presenter: ELSENER, Konrad (CERN)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **192**

Type: **not specified**

Update from the FCAL Collaboration

Thursday, 1 October 2009 14:00 (30 minutes)

Presenter: LOHMANN, Wolfgang (DESY)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **193**

Type: **not specified**

Discussion

Thursday, 1 October 2009 14:30 (20 minutes)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **194**Type: **not specified**

Performance Study of the Pair-Monitor

Thursday, 1 October 2009 14:50 (20 minutes)

Summary

The pair monitor is the beam profile monitor at ILC.

It measures the beam profile by using the distributions of electron-positron pairs generated during the beam crossing.

We studied a technique of beam size measurement with the pair-monitor.

In this study, we measured the horizontal beam size, vertical beam size and vertical offset.

The measurement accuracies of vertical beam size, horizontal beam size and vertical offset were found to be 10.1%, 3.2%, 8.6% respectively, for 50 bunch crossings.

In addition, we will report the combined analysis with the BeamCal.

Presenter: YUTARO, Sato (Tohoku University)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: 195

Type: **not specified**

Development of the Readout ASIC for the ILD Pair Monitor

Thursday, 1 October 2009 15:10 (20 minutes)

Presenter: YUTARO, Sato (Tohoku University)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **196**

Type: **not specified**

Vibration Analysis of the ILD QD0-Support System

Friday, 2 October 2009 10:30 (30 minutes)

Presenter: YAMAOKA, Hiroshi (KEK)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **197**

Type: **not specified**

Vibration Studies for SiD

Friday, 2 October 2009 11:00 (30 minutes)

Presenter: ORIUNNO, Marco (SLAC National Accelerator Laboratory)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **198**

Type: **not specified**

Discussion

Friday, 2 October 2009 11:30 (30 minutes)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **199**

Type: **not specified**

IP Feedback System Prototyping and Design

Friday, 2 October 2009 13:30 (20 minutes)

Presenter: Prof. BURROWS, Philip (Oxford University)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **200**

Type: **not specified**

Expected Performance of the IP Feedback System at ILC

Friday, 2 October 2009 13:50 (20 minutes)

Presenter: Dr WHITE, Glen (SLAC)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **201**

Type: **not specified**

Vacuum Requirements in the Detector Region from Beam Gas and Other Considerations

Friday, 2 October 2009 14:10 (20 minutes)

Presenter: Dr MARUYAMA, Takashi (SLAC)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: **203**

Type: **not specified**

Presentation of the Current CFS Baseline Design Drawings

Wednesday, 30 September 2009 10:30 (1h 30m)

Including informal discussion with Area System Representatives

Session Classification: GDE: CFS

Contribution ID: **204**

Type: **not specified**

Performance of the SiD Tracker

Wednesday, 30 September 2009 08:30 (20 minutes)

Primary author: PARTRIDGE, Richard (SLAC)

Presenter: PARTRIDGE, Richard (SLAC)

Session Classification: Detectors: Tracking

Contribution ID: 205

Type: **not specified**

vertex & tracking (Bill Cooper)

Saturday, 3 October 2009 08:30 (13 minutes)

Session Classification: ALCPG Plenary

Contribution ID: **206**

Type: **not specified**

calorimeter and muons

Saturday, 3 October 2009 08:45 (13 minutes)

Session Classification: ALCPG Plenary

Contribution ID: **207**

Type: **not specified**

IR, backgrounds, and beamline instrumentation

Saturday, 3 October 2009 09:00 (10 minutes)

Session Classification: ALCPG Plenary

Contribution ID: **208**

Type: **not specified**

Test Beams

Saturday, 3 October 2009 09:12 (10 minutes)

Session Classification: ALCPG Plenary

Contribution ID: **209**

Type: **not specified**

Simulation and reconstruction

Saturday, 3 October 2009 09:24 (10 minutes)

Session Classification: ALCPG Plenary

Contribution ID: **210**

Type: **not specified**

Gamma-gamma

Saturday, 3 October 2009 09:36 (10 minutes)

Session Classification: ALCPG Plenary

Contribution ID: 211

Type: **not specified**

Missing Energy & Jet and Photon Energy Measurements

Saturday, 3 October 2009 09:48 (10 minutes)

Session Classification: ALCPG Plenary

Contribution ID: 212

Type: **not specified**

00 b/c Separation and Tau Tagging & Charged Particle Momentum Measurements, V0 Reconstruction, and Identification of Stable Charged Particles

Saturday, 3 October 2009 10:00 (10 minutes)

Session Classification: ALCPG Plenary

Contribution ID: **213**

Type: **not specified**

Forward Tracking at the ILC

Wednesday, 30 September 2009 08:50 (20 minutes)

Presenter: RUIZ-JIMENO, Alberto (Cantabria)

Session Classification: Detectors: Tracking

Contribution ID: **214**

Type: **not specified**

Update on Microstrip R&D at SCIPP

Wednesday, 30 September 2009 09:10 (20 minutes)

Presenter: SCHUMM, Bruce (UC Santa Cruz)

Session Classification: Detectors: Tracking

Contribution ID: **216**

Type: **not specified**

Exploration of Charge Division with Silicon Strip Detectors

Wednesday, 30 September 2009 09:30 (20 minutes)

Presenter: CARMAN, Jerome (UC Santa Cruz)

Session Classification: Detectors: Tracking

Contribution ID: 217

Type: **not specified**

Results from a Large TPC Prototype, Including MicroMegas Results

Wednesday, 30 September 2009 13:30 (20 minutes)

Presenter: DEHMELT, Klaus (DESY)

Session Classification: Detectors: Tracking

Contribution ID: **218**

Type: **not specified**

GEM Results from the Large Prototype

Wednesday, 30 September 2009 13:50 (20 minutes)

Presenter: KUROIWA, Hirotohi (KEK)

Session Classification: Detectors: Tracking

Contribution ID: **219**

Type: **not specified**

Pixel Readout for a LC TPC

Wednesday, 30 September 2009 14:10 (20 minutes)

Presenter: TIMMERMANS, Jan (NIKHEF/DESY)

Session Classification: Detectors: Tracking

Contribution ID: **220**

Type: **not specified**

Update from the SiLC Collaboration

Wednesday, 30 September 2009 14:30 (30 minutes)

Presenter: SAVOY-NAVARRO, Aurore (LPNHE Paris)

Session Classification: Detectors: Tracking

Contribution ID: 221

Type: **not specified**

Silicon Tracker Activities in Vienna - a Status Report

Friday, 2 October 2009 08:30 (20 minutes)

Presenter: MITAROFF, Winfried (Vienna)

Session Classification: Detectors: Tracking

Contribution ID: 222

Type: **not specified**

Development of New Microstrip Sensors Optimized for IR Laser Track Alignment

Friday, 2 October 2009 08:50 (20 minutes)

Presenter: RUIZ-JIMENO, Alberto (Cantabria)

Session Classification: Detectors: Tracking

Contribution ID: 223

Type: **not specified**

Effects of TPC Background on ILD Tracking Performance

Friday, 2 October 2009 09:10 (20 minutes)

Presenter: APLIN, Steven (DESY)

Session Classification: Detectors: Tracking

Contribution ID: 224

Type: **not specified**

ILD Tracking Future Plans

Friday, 2 October 2009 09:30 (20 minutes)

Presenter: MATSUDA, Takeshi (KEK/DESY)

Session Classification: Detectors: Tracking

Contribution ID: 232

Type: **not specified**

Kinematic Cusps: Determining the Missing Mass at Colliders

Wednesday, 30 September 2009 10:30 (20 minutes)

Presenter: Dr KIM, Ian-Woo (University of Wisconsin-Madison)

Session Classification: Physics: Missing Energy

Contribution ID: 233

Type: **not specified**

Probing the Higgs self coupling in e^+e^- collisions

Wednesday, 30 September 2009 10:55 (20 minutes)

Presenter: Prof. BAUR, Ulrich (State University of New York at Buffalo)

Session Classification: Physics: Missing Energy

Contribution ID: 234

Type: **not specified**

Discussion on future plans

Wednesday, 30 September 2009 11:30 (20 minutes)

Session Classification: Physics: Missing Energy

Contribution ID: 235

Type: **not specified**

**Joint with BDS and IR (see agenda of "Detectors:
Interaction Region Backgrounds, Forward Detectors"
Group)**

Friday, 2 October 2009 13:30 (2 hours)

Session Classification: GDE: Beam Dynamics

Contribution ID: 236

Type: **not specified**

Joint with ML and RTML (see agenda of Main Linac Group)

Thursday, 1 October 2009 10:30 (1h 30m)

Session Classification: GDE: Beam Dynamics

Contribution ID: **237**

Type: **not specified**

Introduction

Thursday, 1 October 2009 08:30 (20 minutes)

Presenter: Dr SUGIMOTO, Yasuhiro (KEK)

Session Classification: Detectors: ILD Working Group

Contribution ID: 238

Type: **not specified**

Physics and optimization

Thursday, 1 October 2009 08:50 (25 minutes)

Presenters: Prof. THOMSON, Mark (University of Cambridge); Dr TAKUBO, Yosuke (Tohoku University)

Session Classification: Detectors: ILD Working Group

Contribution ID: 239

Type: **not specified**

Simulation and Software

Thursday, 1 October 2009 09:15 (25 minutes)

Presenters: MIYAMOTO, Akiya (KEK); GAEDE, Frank (DESY)

Session Classification: Detectors: ILD Working Group

Contribution ID: **240**

Type: **not specified**

MDI and Integration

Thursday, 1 October 2009 09:40 (20 minutes)

Presenters: Dr BUESSER, Karsten (DESY); Dr TAUCHI, Toshiaki

Session Classification: Detectors: ILD Working Group

Contribution ID: 241

Type: **not specified**

Vertexing

Thursday, 1 October 2009 10:30 (12 minutes)

Presenter: Dr WINTER, Mark

Session Classification: Detectors: ILD Working Group

Contribution ID: 242

Type: **not specified**

Silicon Trackers

Thursday, 1 October 2009 10:42 (12 minutes)

Presenter: Dr SAVOY-NAVARRO, Aurore (in2p3)

Session Classification: Detectors: ILD Working Group

Contribution ID: **243**

Type: **not specified**

TPC

Thursday, 1 October 2009 10:54 (12 minutes)

Presenter: Prof. TIMMERMANS, Jan

Session Classification: Detectors: ILD Working Group

Contribution ID: 245

Type: **not specified**

FCAL

Thursday, 1 October 2009 11:26 (12 minutes)

Presenter: LOHMANN, Wolfgang (DESY)

Session Classification: Detectors: ILD Working Group

Contribution ID: 246

Type: **not specified**

Discussion

Thursday, 1 October 2009 11:38 (22 minutes)

Session Classification: Detectors: ILD Working Group

Contribution ID: 247

Type: **not specified**

Low Energy operation

Thursday, 1 October 2009 14:40 (20 minutes)

Presenter: Dr KUBO, Kiyoshi (KEK)

Session Classification: GDE: Sources

Contribution ID: 248

Type: **not specified**

DRSF Main Linac Heat Loads

Wednesday, 30 September 2009 16:00 (30 minutes)

Presenter: Dr FUKUDA, Shigeki (KEK)

Session Classification: GDE: CFS

Contribution ID: 249

Type: **not specified**

Klystron Cluster Main Linac Heat Loads

Wednesday, 30 September 2009 16:30 (30 minutes)

Presenter: HUEDEM, Emil (FNAL)

Session Classification: GDE: CFS

Contribution ID: 250

Type: **not specified**

General CFS Group Discussion and Planning

Wednesday, 30 September 2009 17:00 (20 minutes)

Session Classification: GDE: CFS

Contribution ID: 251

Type: **not specified**

Asian Tunnel Configuration

Thursday, 1 October 2009 08:30 (20 minutes)

Presenter: Dr ENOMOTO, atsushi (KEK)

Session Classification: GDE: CFS

Contribution ID: 252

Type: **not specified**

European Tunnel Configuration

Thursday, 1 October 2009 08:50 (20 minutes)

Presenter: OSBORNE, John Andrew (CERN)

Session Classification: GDE: CFS

Contribution ID: 253

Type: **not specified**

Americas Tunnel Configuration

Thursday, 1 October 2009 09:10 (20 minutes)

Presenter: LACKOWSKI, Tom (FNAL)

Session Classification: GDE: CFS

Contribution ID: 254

Type: **not specified**

General CFS Group Discussion

Thursday, 1 October 2009 09:30 (30 minutes)

Session Classification: GDE: CFS

Contribution ID: 255

Type: **not specified**

Asian Life Safety and Egress

Thursday, 1 October 2009 10:30 (15 minutes)

Presenter: Mr MIYAHARA, Masanobu (KEK)

Session Classification: GDE: CFS

Contribution ID: 256

Type: **not specified**

European Life Safety and Egress

Thursday, 1 October 2009 10:45 (15 minutes)

Presenter: OSBORNE, John Andrew (CERN)

Session Classification: GDE: CFS

Contribution ID: 257

Type: **not specified**

Americas Life Safety and Egress

Thursday, 1 October 2009 11:00 (15 minutes)

Presenter: Mr KUCHLER, Victor (Fermilab)

Session Classification: GDE: CFS

Contribution ID: 258

Type: **not specified**

General CFS Group Discussion

Thursday, 1 October 2009 11:15 (30 minutes)

Session Classification: GDE: CFS

Contribution ID: 259

Type: **not specified**

Planning for the Development of the Global Safety Document

Thursday, 1 October 2009 11:45 (15 minutes)

Session Classification: GDE: CFS

Contribution ID: 260

Type: **not specified**

Status of Asian Tunnel Costs

Thursday, 1 October 2009 13:30 (30 minutes)

Presenter: Dr ENOMOTO, atsushi (KEK)

Session Classification: GDE: CFS

Contribution ID: 261

Type: **not specified**

Status of European Tunnel Costs

Thursday, 1 October 2009 14:00 (30 minutes)

Presenter: OSBORNE, John Andrew (CERN)

Session Classification: GDE: CFS

Contribution ID: 262

Type: **not specified**

Status of Americas Tunnel Costs

Thursday, 1 October 2009 14:30 (30 minutes)

Presenter: LACKOWSKI, Tom (FNAL)

Session Classification: GDE: CFS

Contribution ID: 263

Type: **not specified**

Group CFS Discussion of Regional Design and Cost Differences

Thursday, 1 October 2009 15:00 (30 minutes)

Session Classification: GDE: CFS

Contribution ID: 264

Type: **not specified**

3D Status Asian Region

Thursday, 1 October 2009 16:00 (20 minutes)

Presenter: Mr NISHIMOTO, Yoshinobu (JPOWER)

Session Classification: GDE: CFS

Contribution ID: 265

Type: **not specified**

3D Status European Region

Thursday, 1 October 2009 16:20 (20 minutes)

Presenter: OSBORNE, John Andrew (CERN)

Session Classification: GDE: CFS

Contribution ID: 266

Type: **not specified**

3D Status Americas Region

Thursday, 1 October 2009 16:40 (20 minutes)

Presenter: Mr CRIMER, Gerald

Session Classification: GDE: CFS

Contribution ID: 267

Type: **not specified**

General CFS Group Discussion

Thursday, 1 October 2009 17:00 (30 minutes)

Session Classification: GDE: CFS

Contribution ID: **268**

Type: **not specified**

General CFS Group Discussion of the CFS EDMS Status

Friday, 2 October 2009 08:30 (30 minutes)

Session Classification: GDE: CFS

Contribution ID: **269**

Type: **not specified**

Review of EDMS System

Friday, 2 October 2009 09:00 (30 minutes)

Presenter: HAGGE, Lars

Session Classification: GDE: CFS

Contribution ID: 270

Type: **not specified**

Plan Development for CFS EDMS Integration

Friday, 2 October 2009 09:30 (30 minutes)

Session Classification: GDE: CFS

Contribution ID: 271

Type: **not specified**

General CFS Group Discussion and Planning for the TDP II Cost Estimating Effort

Friday, 2 October 2009 10:30 (20 minutes)

Session Classification: GDE: CFS

Contribution ID: 272

Type: **not specified**

Lepton jets at High Energy Colliders

Thursday, 1 October 2009 13:30 (20 minutes)

Presenter: WANG, Liantao (Princeton University)

Session Classification: Physics: Momentum measurement, V_0 , and stable charged particles

Contribution ID: 273

Type: **not specified**

Studies for the SID Letter of Intent

Thursday, 1 October 2009 13:50 (20 minutes)

Presenter: STRUBE, Jan (Rutherford Labs)

Session Classification: Physics: Momentum measurement, V0, and stable charged particles

Contribution ID: 274

Type: **not specified**

Studies for the ILD Letter of Intent

Thursday, 1 October 2009 14:10 (20 minutes)

Presenter: LI, Hengne (LAL Orsay)

Session Classification: Physics: Momentum measurement, V0, and stable charged particles

Contribution ID: 275

Type: **not specified**

Stable Charged Particle Identification Signatures

Thursday, 1 October 2009 14:30 (20 minutes)

Presenter: HAUPTMAN, John (Iowa State)

Session Classification: Physics: Momentum measurement, V0, and stable charged particles

Contribution ID: 276

Type: **not specified**

Momentum Precision and Non-Prompt Track Reconstruction in SiD

Thursday, 1 October 2009 14:50 (20 minutes)

Presenter: SCHUMM, Bruce (UC Santa Cruz)

Session Classification: Physics: Momentum measurement, V0, and stable charged particles

Contribution ID: 277

Type: **not specified**

Welcome

Wednesday, 30 September 2009 08:30 (10 minutes)

Session Classification: Physics: Missing Energy

Contribution ID: 278

Type: **not specified**

Determination of the neutralino lifetime in χ^0_1 -> G gamma decays

Wednesday, 30 September 2009 08:40 (20 minutes)

Presenter: WATTIMENA, Nanda (DESY)

Session Classification: Physics: Missing Energy

Contribution ID: 279

Type: **not specified**

Chargino/Neutralino analysis in SUSY Point 5 with the ILD detector

Wednesday, 30 September 2009 09:05 (20 minutes)

Primary author: Dr SUEHARA, Taikan (The University of Tokyo)

Presenter: Dr SUEHARA, Taikan (The University of Tokyo)

Session Classification: Physics: Missing Energy

Contribution ID: **280**

Type: **not specified**

Prospects for the study of staus in SPS1a' in ILD

Wednesday, 30 September 2009 09:30 (20 minutes)

Primary author: BERGGREN, Mikael (DESY Hamburg)

Presenter: BERGGREN, Mikael (DESY Hamburg)

Session Classification: Physics: Missing Energy

Contribution ID: **281**

Type: **not specified**

ATF2 Beam Size Monitor Status

Wednesday, 30 September 2009 10:35 (15 minutes)

Presenter: Mr YAMANAKA, Takashi (The University of Tokyo)

Session Classification: GDE: Beam Delivery System

Contribution ID: **282**

Type: **not specified**

IP beam tuning status

Wednesday, 30 September 2009 10:50 (15 minutes)

Presenter: Dr WHITE, Glen (SLAC)

Session Classification: GDE: Beam Delivery System

Contribution ID: 283

Type: **not specified**

Status of BPM system, focus on the calibration and user interface to get calibrated position information

Wednesday, 30 September 2009 11:05 (15 minutes)

Presenter: Dr BOOGERT, Stewart (Royal Holloway, University of London)

Session Classification: GDE: Beam Delivery System

Contribution ID: **284**

Type: **not specified**

Permanent Quadrupole Study Plan

Wednesday, 30 September 2009 11:20 (15 minutes)

Presenter: Dr IWASHITA, yoshihisa (Kyoto Univ.)

Session Classification: GDE: Beam Delivery System

Contribution ID: **285**

Type: **not specified**

Status of tilt monitor

Wednesday, 30 September 2009 11:35 (15 minutes)

Presenter: Mr OKAMOTO, Daisuke (Tohoku University)

Session Classification: GDE: Beam Delivery System

Contribution ID: **286**

Type: **not specified**

ATF2 Status and Commissioning Strategy meeting

Thursday, 1 October 2009 08:30 (5 minutes)

Session Classification: GDE: Beam Delivery System

Contribution ID: 287

Type: **not specified**

Status of Beam Dump Design, Satyamurthy Polepalle (BARC), John Amann and Dieter Walz (SLAC)

Thursday, 1 October 2009 10:55 (20 minutes)

Presenter: AMANN, John (SLAC)

Session Classification: GDE: Beam Delivery System

Contribution ID: 288

Type: **not specified**

Linearity Studies of Multi-anode Photodetectors for ILC Polarimetry

Thursday, 1 October 2009 16:05 (20 minutes)

Presenter: Dr KAEFER, Daniela (DESY - FLC)

Session Classification: GDE: Beam Delivery System

Contribution ID: **289**

Type: **not specified**

Test beam Measurements with a Cherenkov Detector Prototype for ILC Polarimetry

Thursday, 1 October 2009 16:25 (20 minutes)

Presenter: Dr KAEFER, Daniela (DESY - FLC)

Session Classification: GDE: Beam Delivery System

Contribution ID: 290

Type: **not specified**

Overview of Polarimetry

Thursday, 1 October 2009 16:45 (20 minutes)

Presenter: Dr MOFFEIT, Kenneth (SLAC)

Session Classification: GDE: Beam Delivery System

Contribution ID: 291

Type: **not specified**

Polarization Considerations for CLIC

Thursday, 1 October 2009 11:15 (20 minutes)

Presenter: Dr MOFFEIT, Kenneth (SLAC)

Session Classification: GDE: Beam Delivery System

Contribution ID: 292

Type: **not specified**

Report on Compton backscattering experiments in Japan

Friday, 2 October 2009 09:05 (30 minutes)

Presenter: Dr TAKAHASHI, Tohru Takahashi (Hiroshima University)

Session Classification: GDE: Beam Delivery System

Contribution ID: 293

Type: **not specified**

Updates on BDS optics

Thursday, 1 October 2009 10:35 (20 minutes)

Presenter: ANGAL-KALININ, Deepa (STFC Daresbury)

Session Classification: GDE: Beam Delivery System

Contribution ID: 294

Type: **not specified**

ILD Calorimetry Concept

Wednesday, 30 September 2009 13:30 (30 minutes)

Presenter: Dr BOUDRY, Vincent (LLR, Ecole polytechnique)

Session Classification: Detectors: Calorimetry

Contribution ID: 295

Type: **not specified**

Dual Readout technology for 4th Concept calorimeter

Wednesday, 30 September 2009 14:00 (30 minutes)

Presenter: Prof. HAUPTMAN, John (Iowa State)

Session Classification: Detectors: Calorimetry

Contribution ID: 296

Type: **not specified**

Dual readout in totally active calorimeter

Wednesday, 30 September 2009 14:30 (20 minutes)

Presenter: Dr PARA, Adam (Fermilab)

Session Classification: Detectors: Calorimetry

Contribution ID: 297

Type: **not specified**

DREAM calorimetry for the ILC

Wednesday, 30 September 2009 14:50 (30 minutes)

Presenter: AKCHURIN, Nural

Session Classification: Detectors: Calorimetry

Contribution ID: 298

Type: **not specified**

The Scintillator ECAL Beam Test at FNAL

Thursday, 1 October 2009 13:30 (20 minutes)

Presenter: KOTERA, Katsushige (Shinshu University, Faculty of Science,)

Session Classification: Detectors: Calorimetry

Contribution ID: 299

Type: **not specified**

Si_W ECAL results and plans

Thursday, 1 October 2009 13:50 (20 minutes)

Presenter: POESCHL, Roman (LAL Orsay)

Session Classification: Detectors: Calorimetry

Contribution ID: **300**

Type: **not specified**

Interconnect Issues for a Compact Si-W EM Calorimeter

Thursday, 1 October 2009 14:10 (20 minutes)

Presenter: Mr WOODS, Michael (UC Davis)

Session Classification: Detectors: Calorimetry

Contribution ID: **301**

Type: **not specified**

Integrated Readout Layer R&D for Scintillator HCAL

Thursday, 1 October 2009 14:50 (20 minutes)

Presenter: CHAKRABORTY, Dhiman (Northern Illinois University)

Session Classification: Detectors: Calorimetry

Contribution ID: **302**

Type: **not specified**

SiD Calorimetry - mechanical design and engineering issues

Thursday, 1 October 2009 14:30 (20 minutes)

Presenter: ORIUNNO, Marco (SLAC National Accelerator Laboratory)

Session Classification: Detectors: Calorimetry

Contribution ID: **303**

Type: **not specified**

Leakage correction for the totally active dual readout calorimeter

Thursday, 1 October 2009 15:10 (20 minutes)

Presenter: Prof. PAULETTA, Giovanni (University of Udine)

Session Classification: Detectors: Calorimetry

Contribution ID: **304**

Type: **not specified**

LED calibration system for the CALICE AHCAL

Thursday, 1 October 2009 16:00 (18 minutes)

Presenter: POLAK, Ivo (Institute of Physics - Academy of Sciences of the Czech Republic)

Session Classification: Detectors: Calorimetry

Contribution ID: **305**

Type: **not specified**

Analog HCAL analysis overview

Thursday, 1 October 2009 16:18 (18 minutes)

Presenter: Dr LUCACI-TIMOCE, Angela (FLC, CALICE, DESY)

Session Classification: Detectors: Calorimetry

Contribution ID: **306**

Type: **not specified**

Analog HCAL calibration

Thursday, 1 October 2009 16:36 (18 minutes)

Presenter: Dr LUCACI-TIMOCE, Angela (FLC, CALICE, DESY)

Session Classification: Detectors: Calorimetry

Contribution ID: **307**

Type: **not specified**

TCMT Test Beam Analysis

Thursday, 1 October 2009 16:54 (18 minutes)

Presenter: Mr FRANCIS, Kurt (NIU)

Session Classification: Detectors: Calorimetry

Contribution ID: **308**

Type: **not specified**

Analog HCAL hardware plans

Thursday, 1 October 2009 17:12 (18 minutes)

Presenter: SEFKOW, Felix (DESY)

Session Classification: Detectors: Calorimetry

Contribution ID: **309**

Type: **not specified**

Construction of the RPC DHCAL physics prototype

Friday, 2 October 2009 13:30 (20 minutes)

Presenter: Dr XIA, Lei (Argonne National Laboratory)

Session Classification: Detectors: Calorimetry

Contribution ID: **310**

Type: **not specified**

Simulation of an RPC DHCAL

Friday, 2 October 2009 13:50 (20 minutes)

Presenter: Dr REPOND, Jose (Argonne National Laboratory)

Session Classification: Detectors: Calorimetry

Contribution ID: **311**

Type: **not specified**

Analysis of the RPC DHCAL data

Friday, 2 October 2009 14:10 (20 minutes)

Presenter: Mr ZHANG, Qingmin (ANL & IHEP)

Session Classification: Detectors: Calorimetry

Contribution ID: 312

Type: **not specified**

Semi-digital HCAL tests and plans

Friday, 2 October 2009 14:30 (20 minutes)

Presenter: RUAN, Manqi (CNRS)

Session Classification: Detectors: Calorimetry

Contribution ID: **313**

Type: **not specified**

Status of GEM Development for DHCAL

Friday, 2 October 2009 14:50 (20 minutes)

Presenter: YU, Jaehoon (University of Texas at Arlington)

Session Classification: Detectors: Calorimetry

Contribution ID: 314

Type: **not specified**

Development of large area MICROMEGAS chambers for DHCAL

Friday, 2 October 2009 15:10 (20 minutes)

Presenter: BLAHA, Jan (lapp-Laboratoire d'Annecy-le-Vieux de Physique des Particules-In)

Session Classification: Detectors: Calorimetry

Contribution ID: **315**

Type: **not specified**

TE Wave at FNAL

Thursday, 1 October 2009 11:10 (15 minutes)

Presenter: Mr WENDT, Manfred (Fermilab)

Session Classification: GDE: Damping Ring

Contribution ID: **316**

Type: **not specified**

Long lifetime electron in non-uniform magnetic field

Thursday, 1 October 2009 11:25 (15 minutes)

Presenter: Dr WANG, Lanfa (SLAC)

Session Classification: GDE: Damping Ring

Contribution ID: **317**

Type: **not specified**

Plans to reduce horizontal emittance at ATF DR

Friday, 2 October 2009 11:20 (20 minutes)

Presenter: PAPAPHILIPPOU, Yannis

Session Classification: GDE: Damping Ring

Contribution ID: **318**

Type: **not specified**

Muon system

Thursday, 1 October 2009 10:20 (10 minutes)

Presenter: Mr D'ASCENZO, Nicola (DESY)

Session Classification: Detectors: ILD Working Group

Contribution ID: **319**

Type: **not specified**

ECAL and HCAL

Thursday, 1 October 2009 11:06 (20 minutes)

Presenters: SEFKOW, Felix (DESY); Dr BRIENT, Jean-Claude (LLR); Prof. KAWAGOE, Kiyotomo (Kobe university); Mr LAKTINEH, imad (IPNL)

Session Classification: Detectors: ILD Working Group

Contribution ID: **320**

Type: **not specified**

Photon reconstruction in ILD with GARLIC

Friday, 2 October 2009 10:30 (20 minutes)

Primary author: Mr REINHARD, Marcel (LLR-Ecole Polytechnique)

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

Session Classification: Physics: Jet and Photon Energy Measurement

Contribution ID: 321

Type: **not specified**

Comparison between Fe and W HCal at multi-TeV energies

Friday, 2 October 2009 10:55 (20 minutes)

Presenter: Mr GREFE, Christian (CERN, Bonn University)

Session Classification: Physics: Jet and Photon Energy Measurement

Contribution ID: 322

Type: **not specified**

Energy resolution and shower weighting

Friday, 2 October 2009 11:20 (20 minutes)

Presenter: SEIDEL, Katja (Max-Planck-Institute for Physics)

Session Classification: Physics: Jet and Photon Energy Measurement

Contribution ID: 323

Type: **not specified**

Event Reconstruction in SiD02 with a Dual Readout Calorimeter

Friday, 2 October 2009 11:45 (20 minutes)

Primary author: Dr MAGILL, Stephen (Argonne National Laboratory)

Presenter: Dr MAGILL, Stephen (Argonne National Laboratory)

Session Classification: Physics: Jet and Photon Energy Measurement

Contribution ID: 324

Type: **not specified**

Reconstructing di-jet masses in a crystal calorimeter in a magnetic field

Friday, 2 October 2009 13:30 (15 minutes)

Presenter: Dr PARA, Adam (Fermilab)

Session Classification: Physics: Jet and Photon Energy Measurement

Contribution ID: 325

Type: **not specified**

Measuring the Higgs Boson Self-coupling at High Energy $e^+ e^-$ Colliders

Friday, 2 October 2009 13:50 (25 minutes)

Presenter: Prof. BAUR, Ulrich (State University of New York at Buffalo)

Session Classification: Physics: Jet and Photon Energy Measurement

Contribution ID: 326

Type: **not specified**

Supersymmetry Without (Too Much) Prejudice

Friday, 2 October 2009 14:20 (25 minutes)

Presenter: Dr RIZZO, Thomas (SLAC)

Session Classification: Physics: Jet and Photon Energy Measurement

Contribution ID: 327

Type: **not specified**

A feasibility study of top-quark Yukawa coupling measurement in $e^+e^- \rightarrow t\bar{t}H$ at $\sqrt{s}=500\text{GeV}$

Friday, 2 October 2009 14:50 (20 minutes)

Primary author: Dr IKEMATSU, Katsumasa (KEK/IPNS)

Presenter: Dr IKEMATSU, Katsumasa (KEK/IPNS)

Session Classification: Physics: Jet and Photon Energy Measurement

Contribution ID: 328

Type: **not specified**

Performances of a fast, full-scale, CMOS pixel sensor with integrated zero-suppression and its evolution towards ultra-light double-sided ladders for the ILD vertex detector.

Wednesday, 30 September 2009 10:30 (20 minutes)

Primary author: Dr DE MASI, Rita (IRES)

Presenter: Dr DE MASI, Rita (IRES)

Session Classification: Detectors: Vertex Detection

Contribution ID: 329

Type: **not specified**

New geometry for the ILD muon system in MOKKA

Friday, 2 October 2009 08:30 (20 minutes)

Summary

The progresses are described in the simulation of the ILD muon system within the MOKKA simulation framework according to the most recent developments of the muon detector. The components of the stainless-steel cryostat are fully implemented within the geometry, including the read-out capability of two additional double-layers of scintillator strips. The coil is modeled according to recent studies, in terms of size and material composition. The yoke is equipped with an alternating structure of scintillator-strips and stainless-steel layers. The possibility of rescaling the size of the muon system and of changing the segmentation and size of sensitive and absorber layers in the simulation of the ILD detector makes this geometry suitable for the study of the muon system performances according to the realistic technical design parameters.

Primary authors: Mr D'ASCENZO, Nicola (DESY); Dr SCHNEEKLOTH, Uwe (DESY); SAVELIEV, Valeri (Moscow Physical Engineering Institute (MePhI))

Presenter: Mr D'ASCENZO, Nicola (DESY)

Session Classification: Detectors: Muons

Contribution ID: **330**

Type: **not specified**

Muon ID and measurement in the 4th detector

Friday, 2 October 2009 08:50 (20 minutes)

Summary

Two of the innovations in the 4th detector are an iron-free flux return and a dual-readout fiber calorimeter. I will describe how these two benefit the precision measurement and the particle identification of muons.

Primary author: Prof. HAUPTMAN, John (Iowa State)

Presenter: Prof. HAUPTMAN, John (Iowa State)

Session Classification: Detectors: Muons

Contribution ID: **331**

Type: **not specified**

Studies and Plans for RPC Muon Detectors

Friday, 2 October 2009 09:10 (20 minutes)

Primary author: Dr BAND, Henry (U. Wisconsin)

Presenter: Dr BAND, Henry (U. Wisconsin)

Session Classification: Detectors: Muons

Contribution ID: **332**

Type: **not specified**

Muon strip-scintillator system

Friday, 2 October 2009 09:30 (20 minutes)

Primary author: FISK, H. Eugene (Fermilab)

Presenter: FISK, H. Eugene (Fermilab)

Session Classification: Detectors: Muons

Contribution ID: 333

Type: **not specified**

Results and Plans for SiPM Readout of Scintillators

Friday, 2 October 2009 10:30 (30 minutes)

Primary author: Dr RUBINOV, Paul (Fermilab)

Presenter: Dr RUBINOV, Paul (Fermilab)

Session Classification: Detectors: Muons

Contribution ID: **334**

Type: **not specified**

ISIS2 Test Results

Wednesday, 30 September 2009 11:20 (30 minutes)

Presenter: Dr NOMEROTSKI, Andrei (Oxford University)

Session Classification: Detectors: Vertex Detection

Contribution ID: 335

Type: **not specified**

Development of Readout ASIC for FPCCD Vertex Detector

Thursday, 1 October 2009 14:15 (30 minutes)

Primary author: Dr ITAGAKI, Kenosuke (Tohoku University)

Presenter: Dr ITAGAKI, Kenosuke (Tohoku University)

Session Classification: Detectors: Vertex Detection

Contribution ID: 336

Type: **not specified**

Test Results of the Chronopixel Prototype

Thursday, 1 October 2009 13:30 (20 minutes)

Primary author: Dr SINEV, Nick (University of Oregon)

Presenter: Dr SINEV, Nick (University of Oregon)

Session Classification: Detectors: Vertex Detection

Contribution ID: 337

Type: **not specified**

Low-Mass Vertex Detector Structures Using Silicon Carbide Foam

Thursday, 1 October 2009 13:50 (25 minutes)

Primary author: Dr PAGE, Ryan (Bristol University)

Presenter: Dr PAGE, Ryan (Bristol University)

Session Classification: Detectors: Vertex Detection

Contribution ID: 338

Type: **not specified**

DEPFET technology for the ILC: Achievements, latest results and future plans

Wednesday, 30 September 2009 10:50 (30 minutes)

Presenter: Dr MARINAS, Carlos (IFIC - Valencia)

Session Classification: Detectors: Vertex Detection

Contribution ID: **339**

Type: **not specified**

Right-handed neutrinos in extra-dimension model

Friday, 2 October 2009 15:15 (15 minutes)

Presenter: Dr TAKUBO, Yosuke (Tohoku University)

Session Classification: Physics: Jet and Photon Energy Measurement

Contribution ID: **340**

Type: **not specified**

First observation of large angle beamstrahlung

Wednesday, 30 September 2009 10:30 (25 minutes)

Session Classification: Detectors: Beam measurement instruments

Contribution ID: **341**

Type: **not specified**

Future large angle beamstrahlung detectors

Wednesday, 30 September 2009 10:55 (20 minutes)

Session Classification: Detectors: Beam measurement instruments

Contribution ID: **342**

Type: **not specified**

Overview of Polarimetry

Thursday, 1 October 2009 16:00 (30 minutes)

Session Classification: Detectors: Beam measurement instruments

Contribution ID: **343**

Type: **not specified**

ATF2 SC Quads plans

Wednesday, 30 September 2009 16:00 (5 minutes)

Session Classification: GDE: Beam Delivery System

Contribution ID: 344

Type: **not specified**

Linearity Studies of Multi-anode Photodetectors for ILC Polarimetry

Thursday, 1 October 2009 16:30 (20 minutes)

Primary author: Dr KAEFER, Daniela (DESY - FLC)

Session Classification: Detectors: Beam measurement instruments

Contribution ID: 345

Type: **not specified**

Testbeam Measurements with a Cherenkov Detector Prototype for ILC Polarimetry

Thursday, 1 October 2009 16:50 (20 minutes)

Session Classification: Detectors: Beam measurement instruments

Contribution ID: 346

Type: **not specified**

Overview of Energy Spectrometry

Thursday, 1 October 2009 17:10 (20 minutes)

Primary author: HILDRETH, Mike (University of Notre Dame)

Session Classification: Detectors: Beam measurement instruments

Contribution ID: 347

Type: **not specified**

Update on vacuum modelling

Friday, 2 October 2009 14:30 (20 minutes)

Presenter: Dr MALYSHEV, Oleg (ASTeC, STFC Daresbury Laboratory, UK)

Session Classification: Detectors: Interaction Region Backgrounds, Forward Detectors

Contribution ID: 348

Type: **not specified**

Consideration on the Field Gradient and Yield toward Re-baselining in TDP2

Thursday, 1 October 2009 17:30 (30 minutes)

Primary author: Prof. YAMAMOTO, Akira (High Energy Accelerator Research Organization (KEK))

Presenter: Prof. YAMAMOTO, Akira (High Energy Accelerator Research Organization (KEK))

Session Classification: GDE: Main Linac

Contribution ID: **349**

Type: **not specified**

WG1 'Sources' AD & I Summary

Friday, 2 October 2009 16:00 (10 minutes)

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

Presenter: Prof. CLARKE, Jim (STFC Daresbury Lab)

Session Classification: GDE: Accelerator Design and Integration

Contribution ID: **350**

Type: **not specified**

WG2 'Damping Ring' AD & I Summary

Friday, 2 October 2009 16:10 (10 minutes)

Primary author: Dr GUIDUCCI, Susanna (INFN)

Presenter: Dr GUIDUCCI, Susanna (INFN)

Session Classification: GDE: Accelerator Design and Integration

Contribution ID: 351

Type: **not specified**

WG3 'Main Linac' AD & I Summary

Friday, 2 October 2009 16:20 (20 minutes)

Presenter: ADOLPHSEN, Chris (SLAC)

Session Classification: GDE: Accelerator Design and Integration

Contribution ID: 352

Type: **not specified**

WG4 'Beam Delivery' AD & I Summary

Friday, 2 October 2009 16:40 (10 minutes)

Presenter: Dr SERYI, Andrei (SLAC)

Session Classification: GDE: Accelerator Design and Integration

Contribution ID: 353

Type: **not specified**

WG5 'Beam Dynamics - RTML' AD & I

Friday, 2 October 2009 16:50 (10 minutes)

Primary author: Dr SOLYAK, Nikolay (FNAL)

Presenter: Dr SOLYAK, Nikolay (FNAL)

Session Classification: GDE: Accelerator Design and Integration

Contribution ID: 354

Type: **not specified**

WG6 'CFS' AD & I Summary

Friday, 2 October 2009 17:00 (10 minutes)

Presenter: Mr KUCHLER, Victor (Fermilab)

Session Classification: GDE: Accelerator Design and Integration

Contribution ID: 355

Type: **not specified**

Costing Group AD & I Summary

Friday, 2 October 2009 17:10 (10 minutes)

Presenter: GARBINCIUS, Peter (FNAL)

Session Classification: GDE: Accelerator Design and Integration

Contribution ID: 356

Type: **not specified**

SB2009 Proposal Document

Friday, 2 October 2009 17:20 (20 minutes)

Primary author: Dr TOGE, Nobu (KEK)

Presenter: Dr TOGE, Nobu (KEK)

Session Classification: GDE: Accelerator Design and Integration

Contribution ID: 357

Type: **not specified**

The Mysterious Universe

Thursday, 1 October 2009 19:00 (3 hours)

Presenter: BRAU, Jim (U. Oregon)

Session Classification: Public Lecture