

SiD Workshop at SLAC

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcoming Remarks

Monday, 28 January 2008 09:00 (15 minutes)

Presenter: Prof. KAHN, Steven (SLAC)

Session Classification: Workshop Introduction

Contribution ID: 1

Type: **not specified**

State of the ILC

Monday, 28 January 2008 09:15 (25 minutes)

Presenter: Dr BARISH, Barry (GDE)

Session Classification: Workshop Introduction

Contribution ID: 2

Type: **not specified**

The ILC Detector Program

Monday, 28 January 2008 09:40 (25 minutes)

Presenter: BRAU, Jim (U. Oregon)

Session Classification: Workshop Introduction

Contribution ID: 4

Type: **not specified**

Global Parameters - Performance studies

Contribution ID: 5

Type: **not specified**

Global Parameters - Cost studies

Presenter: BREIDENBACH, Martin (SLAC)

Contribution ID: 6

Type: **not specified**

Discussion: How do we converge on global parameters for the LOI?

Contribution ID: 7

Type: **not specified**

Studies of PFA Fundamentals

Monday, 28 January 2008 13:30 (25 minutes)

Presenter: CASSELL, Ron (SLAC)

Session Classification: Particle Flow Algorithms

Contribution ID: 8

Type: **not specified**

PFA Studies in SiD

Monday, 28 January 2008 13:55 (25 minutes)

Presenter: Dr CHARLES, Matthew (The University of Iowa)

Session Classification: Particle Flow Algorithms

Contribution ID: 9

Type: **not specified**

SiD Global Parameter Optimization using Pandora PFA

Monday, 28 January 2008 14:20 (25 minutes)

Presenter: Mr STANITZKI, Marcel (Rutherford Appleton Laboratory)

Session Classification: Particle Flow Algorithms

Contribution ID: **10**

Type: **not specified**

Cost vs Performance

Monday, 28 January 2008 14:45 (25 minutes)

Primary author: BREIDENBACH, Martin (SLAC)

Presenter: BREIDENBACH, Martin (SLAC)

Session Classification: Particle Flow Algorithms

Contribution ID: **11**

Type: **not specified**

KPix Readout Chip

Contribution ID: 12

Type: **not specified**

ECal R&D Status

Monday, 28 January 2008 15:40 (25 minutes)

Presenter: Prof. FREY, Raymond (University of Oregon)

Session Classification: Calorimeter

Contribution ID: 13

Type: **not specified**

HCal R&D Status

Monday, 28 January 2008 16:05 (25 minutes)

Presenter: Prof. WHITE, Andy (University of Texas at Arlington)

Session Classification: Calorimeter

Contribution ID: 14

Type: **not specified**

Pros / Cons of Scintillator and Gaseous HCAL Options

Monday, 28 January 2008 16:30 (25 minutes)

Presenter: ZUTSHI, Vishnu Vikhyat (Northern Illinois University)

Session Classification: Calorimeter

Contribution ID: 15

Type: **not specified**

Crystal Calorimetry with Dual Readout

Monday, 28 January 2008 16:55 (25 minutes)

Presenter: Dr PARA, Adam (Fermilab)

Session Classification: Calorimeter

Contribution ID: **16**

Type: **not specified**

Vertex Detector Mechanical Design

Contribution ID: 17

Type: **not specified**

Vertex Detector System Issues

Presenter: Dr LIPTON, Ronald (Fermilab)

Contribution ID: **18**

Type: **not specified**

Tracking Simulation Issues for the LOI

Contribution ID: **19**

Type: **not specified**

Tracker Detector Status

Presenter: NELSON, Timothy (SLAC)

Contribution ID: 20

Type: **not specified**

Benchmarking Status

Tuesday, 29 January 2008 15:45 (25 minutes)

Presenter: Dr BARKLOW, Timothy (SLAC)

Session Classification: Benchmarking, Simulations, and Tracking

Contribution ID: 21

Type: **not specified**

Simulation Status

Tuesday, 29 January 2008 16:10 (25 minutes)

Presenter: GRAF, Norman (SLAC)

Session Classification: Benchmarking, Simulations, and Tracking

Contribution ID: 22

Type: **not specified**

Tracking Simulation Issues

Tuesday, 29 January 2008 16:35 (25 minutes)

Presenter: Dr KUTSCHKE, Robert (Fermilab)

Session Classification: Benchmarking, Simulations, and Tracking

Contribution ID: 23

Type: **not specified**

Tracker R&D Status

Tuesday, 29 January 2008 17:00 (25 minutes)

Presenter: NELSON, Timothy (SLAC)

Session Classification: Benchmarking, Simulations, and Tracking

Contribution ID: 24

Type: **not specified**

Forward Detector R&D Status and Plans

Wednesday, 30 January 2008 08:55 (25 minutes)

Presenter: MORSE, Bill (BNL)

Session Classification: Electronics, Forward, Muon, and Machine

Contribution ID: 25

Type: **not specified**

Muon Detector R&D Status and Plans

Wednesday, 30 January 2008 09:20 (25 minutes)

Presenter: FISK, H. Eugene (Fermilab)

Session Classification: Electronics, Forward, Muon, and Machine

Contribution ID: 26

Type: **not specified**

Forward Region Engineering

Tuesday, 29 January 2008 09:40 (25 minutes)

Presenter: ORIUNNO, Marco (SLAC)

Session Classification: Engineering

Contribution ID: 27

Type: **not specified**

Electrical Engineering Report

Contribution ID: 28

Type: **not specified**

Panel Discussion on Subsystem Plans

Wednesday, 30 January 2008 10:40 (1 hour)

Presenters: Dr NOMEROTSKI, Andrei (University of Oxford); SU, Dong (Stanford Linear Accelerator Center); DEMARTEAU, Marcel (Fermi National Accelerator Laboratory (FNAL)); Prof. FREY, Raymond (University of Oregon); ZUTSHI, Vishnu Vikhyat (Northern Illinois University)

Session Classification: Future Plans for SiD

Contribution ID: 29

Type: **not specified**

Beampipe Design

Contribution ID: **30**

Type: **not specified**

TBA

Contribution ID: **31**

Type: **not specified**

What Next?

Wednesday, 30 January 2008 11:40 (45 minutes)

Session Classification: Future Plans for SiD

Contribution ID: 32

Type: **not specified**

Closing Remarks

Wednesday, 30 January 2008 12:25 (30 minutes)

Presenter: Prof. WEERTS, Harry (Argonne National Laboratory)

Session Classification: Future Plans for SiD

Contribution ID: 33

Type: **not specified**

Workshop Goals

Monday, 28 January 2008 10:05 (25 minutes)

Presenter: JAROS, John (SLAC)

Session Classification: Workshop Introduction

Contribution ID: **34**

Type: **not specified**

View from DOE

Monday, 28 January 2008 11:00 (25 minutes)

Presenter: Prof. BLAZEY, Gerald (NIU)

Session Classification: State of SiD and ILC Support

Contribution ID: 35

Type: **not specified**

Panel Discussion on State of SiD Support

Monday, 28 January 2008 11:25 (1h 5m)

Presenters: Prof. WEERTS, Harry (Argonne National Laboratory); Prof. AIHARA, Hiro (Tokyo Univ.); BRAU, Jim (U. Oregon); JAROS, John (SLAC); DEMARTEAU, Marcel (Fermi National Accelerator Laboratory (FNAL)); Prof. BURROWS, Philip (Oxford University); Dr KARYOTAKIS, Yannis (Lab. d'Annecy-le-Vieux de Phys. des Particules (LAPP/IN2P3/CNRS Uni. de Savoie))

Session Classification: State of SiD and ILC Support

Contribution ID: 36

Type: **not specified**

Mechanical Engineering Report

Tuesday, 29 January 2008 08:30 (30 minutes)

Presenter: KREMPETZ, Kurt (Fermilab)

Session Classification: Engineering

Contribution ID: 37

Type: **not specified**

Vertex Detector Mechanics

Tuesday, 29 January 2008 09:15 (25 minutes)

Presenter: COOPER, William (Fermilab)

Session Classification: Engineering

Contribution ID: **38**

Type: **not specified**

KPix Readout Chip

Tuesday, 29 January 2008 10:05 (25 minutes)

Presenter: STROM, David (Oregon)

Session Classification: Engineering

Contribution ID: 39

Type: **not specified**

Electrical Engineering Report

Wednesday, 30 January 2008 08:30 (25 minutes)

Presenter: Dr HALLER, Gunther (SLAC)

Session Classification: Electronics, Forward, Muon, and Machine

Contribution ID: 40

Type: **not specified**

Vertex R&D Status and System Issues

Tuesday, 29 January 2008 17:25 (25 minutes)

Presenter: Dr LIPTON, Ronald (Fermilab)

Session Classification: Benchmarking, Simulations, and Tracking

Contribution ID: 41

Type: **not specified**

Tracking Parallel Session

Contribution ID: 42

Type: **not specified**

Room B

Contribution ID: 43

Type: **not specified**

Room C

Contribution ID: 44

Type: **not specified**

Room D

Contribution ID: 45

Type: **not specified**

TBA

Contribution ID: 46

Type: **not specified**

TBA

Contribution ID: 47

Type: **not specified**

IP and Bunch Parameters for Various Linear Colliders

Wednesday, 30 January 2008 09:45 (25 minutes)

Presenter: Dr SERGI, Andrei (SLAC)

Session Classification: Electronics, Forward, Muon, and Machine

Contribution ID: 48

Type: **not specified**

Solenoid and Conductor R&D

Tuesday, 29 January 2008 09:00 (15 minutes)

Presenter: Mr CRADDOCK, Wesley (SLAC)

Session Classification: Engineering

Contribution ID: 49

Type: **not specified**

Improvements to Tracking Visualization in Wired

Tuesday, 29 January 2008 11:00 (15 minutes)

Presenter: DEACONU, Cosmin (SLAC)

Session Classification: Tracking Parallel Session

Contribution ID: 50

Type: **not specified**

Pigtail Design

Tuesday, 29 January 2008 11:15 (15 minutes)

Presenter: HOEFERKAMP, Martin (University of New Mexico)

Session Classification: Tracking Parallel Session

Contribution ID: 51

Type: **not specified**

Digitization Simulation for Generic Pixel Detectors

Tuesday, 29 January 2008 11:30 (15 minutes)

Presenter: Dr SINEV, Nick (University of Oregon)

Session Classification: Tracking Parallel Session

Contribution ID: 52

Type: **not specified**

Latest Advances of the SILC Collaboration

Tuesday, 29 January 2008 11:45 (15 minutes)

Presenter: Dr SAVOY-NAVARRO, Aurore (LPNHE-Paris/CNRS-IN2P3)

Session Classification: Tracking Parallel Session

Contribution ID: 53

Type: **not specified**

Round table discussion

Tuesday, 29 January 2008 12:10 (20 minutes)

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

Session Classification: Tracking Parallel Session

Contribution ID: 54

Type: **not specified**

DHCAL and MicroMegs at LAPP

Tuesday, 29 January 2008 11:00 (20 minutes)

Primary author: ADLOFF, Catherine (LAPP, Annecy)

Presenter: ADLOFF, Catherine (LAPP, Annecy)

Session Classification: Calorimeter Parallel Session

Contribution ID: 55

Type: **not specified**

RPC based DHCAL slice test results

Tuesday, 29 January 2008 11:20 (20 minutes)

Presenter: Dr REPOND, Jose (Argonne National Laboratory)

Session Classification: Calorimeter Parallel Session

Contribution ID: 56

Type: **not specified**

Global Detector Parameter Studies

Tuesday, 29 January 2008 13:30 (25 minutes)

Presenters: Dr COWAN, Ray (M.I.T.); BRONK, lawrence (MIT)

Session Classification: Simulation / PFA Parallel Session

Contribution ID: 57

Type: **not specified**

Tracking simulation code updates

Tuesday, 29 January 2008 13:55 (25 minutes)

Presenter: NELSON, Timothy (SLAC)

Session Classification: Simulation / PFA Parallel Session

Contribution ID: 58

Type: **not specified**

ECAL MAPS

Tuesday, 29 January 2008 11:40 (20 minutes)

Primary author: Mr STANITZKI, Marcel (Rutherford Appleton Laboratory)

Presenter: Mr STANITZKI, Marcel (Rutherford Appleton Laboratory)

Session Classification: Calorimeter Parallel Session

Contribution ID: 59

Type: **not specified**

HCAL Geometry and Assembly

Tuesday, 29 January 2008 12:00 (20 minutes)

Presenter: Mr GEFFROY, Nicolas (LAPP/IN2P3/CNRS/Université de Savoie)

Session Classification: Calorimeter Parallel Session