

SiD Workshop, University of Oregon



Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome, introduction

Monday, 15 November 2010 09:00 (15 minutes)

Presenter: BRAU, Jim (U. Oregon)

Session Classification: Session 1

Contribution ID: 1

Type: **not specified**

Lepton Collider Detector R&D Plan

Presenter: JAROS, John (SLAC)

Contribution ID: 4

Type: **not specified**

Charge to the Workshop

Monday, 15 November 2010 11:00 (25 minutes)

Planning for the SiD DBD

Updating contributions of SiD to the CDR

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

Session Classification: Session 2

Contribution ID: 5

Type: **not specified**

Research Director's Report

Monday, 15 November 2010 09:15 (25 minutes)

Presenter: YAMADA, Sakue (KEK)

Session Classification: Session 1

Contribution ID: 6

Type: **not specified**

GDE Report

Monday, 15 November 2010 09:40 (25 minutes)

Presenter: Dr ROSS, Marc (FNAL)

Session Classification: Session 1

Contribution ID: 7

Type: **not specified**

Optimization Process and Costing for the DBD SiD Detector

Monday, 15 November 2010 13:30 (25 minutes)

including milestones and timeline

Presenter: BREIDENBACH, Martin (SLAC)

Session Classification: Session 3

Contribution ID: 8

Type: **not specified**

HCal Optimization Study Results

Presenter: Dr COWAN, Ray (MIT.)

Contribution ID: 9

Type: **not specified**

Recent Results of the Iowa PFA

Monday, 15 November 2010 15:55 (25 minutes)

Presenter: ZAIDAN, Remi (Physics and Astronomy Department-University of Iowa)

Session Classification: Session 4

Contribution ID: **10**

Type: **not specified**

Status of Reconstruction Studies for a Realistic Detector

Monday, 15 November 2010 16:20 (20 minutes)

Presenter: CASSELL, Ron (SLAC)

Session Classification: Session 4

Contribution ID: 11

Type: **not specified**

New Developments in SiD Detector Simulation

Monday, 15 November 2010 14:00 (25 minutes)

Presenter: GRAF, Norman (SLAC)

Session Classification: Session 3

Contribution ID: 12

Type: **not specified**

Benchmarks for the DBD

Monday, 15 November 2010 16:40 (25 minutes)

including milestones and timelines

Presenter: Dr BARKLOW, Timothy (SLAC)

Session Classification: Session 4

Contribution ID: 13

Type: **not specified**

Designing an interaction region for the ILC

Wednesday, 17 November 2010 10:25 (25 minutes)

Presenter: Mr KUCHLER, Victor (Fermilab)

Session Classification: Session 10

Contribution ID: 14

Type: **not specified**

Status of MDI and Planning for the DBD

Wednesday, 17 November 2010 09:10 (25 minutes)

including milestones and timeline

Presenter: Prof. BURROWS, Philip (Oxford University)

Session Classification: Session 9

Contribution ID: 15

Type: **not specified**

CLIC detector study and status of the CDR process

Monday, 15 November 2010 11:30 (25 minutes)

Presenter: LINSSEN, Lucie (CERN)

Session Classification: Session 2

Contribution ID: 16

Type: **not specified**

Reception

Monday, 15 November 2010 18:30 (30 minutes)

Session Classification: Dinner

Contribution ID: 17

Type: **not specified**

Dinner

Monday, 15 November 2010 19:00 (2 hours)

Session Classification: Dinner

Contribution ID: **18**

Type: **not specified**

Review of Vertex Technologies for SiD

Tuesday, 16 November 2010 08:30 (25 minutes)

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

Session Classification: Session 5

Contribution ID: **19**

Type: **not specified**

Status of KPiX

Tuesday, 16 November 2010 09:40 (20 minutes)

Presenter: FREYTAG, Dietrich (SLAC)

Session Classification: Session 5

Contribution ID: 20

Type: **not specified**

Status of SiD Silicon Tracker and Tracking Performance

Tuesday, 16 November 2010 09:00 (20 minutes)

Presenter: PARTRIDGE, Richard (SLAC)

Session Classification: Session 5

Contribution ID: 21

Type: **not specified**

Recent Progress on Si/W EM Calorimetry

Tuesday, 16 November 2010 11:20 (20 minutes)

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

Session Classification: Session 6

Contribution ID: 22

Type: **not specified**

Recent Progress on MAPS for EM Calorimetry

Tuesday, 16 November 2010 11:40 (20 minutes)

Presenter: Dr STANITZKI, Marcel (Rutherford Appleton Laboratory)

Session Classification: Session 6

Contribution ID: 23

Type: **not specified**

RPCs for Hadron Calorimetry

Tuesday, 16 November 2010 13:50 (25 minutes)

Presenter: Dr XIA, Lei (Argonne National Laboratory)

Session Classification: Session 7

Contribution ID: 24

Type: **not specified**

Micromegas for Hadron Calorimetry

Tuesday, 16 November 2010 14:40 (20 minutes)

Presenter: CHEFDEVILLE, Maximilien (LAPP, Annecy)

Session Classification: Session 7

Contribution ID: 25

Type: **not specified**

GEMs for Hadron Calorimetry

Tuesday, 16 November 2010 14:15 (20 minutes)

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

Session Classification: Session 7

Contribution ID: 26

Type: **not specified**

Calorimetry Studies

Contribution ID: 28

Type: **not specified**

Report from CALICE

Tuesday, 16 November 2010 15:50 (25 minutes)

Presenter: Dr REPOND, Jose (Argonne National Laboratory)

Session Classification: Session 8

Contribution ID: 29

Type: **not specified**

RPCs for Muons

Tuesday, 16 November 2010 16:40 (20 minutes)

Presenter: Dr BAND, Henry (U. Wisconsin)

Session Classification: Session 8

Contribution ID: **30**

Type: **not specified**

Scintillator for Muons

Tuesday, 16 November 2010 17:20 (20 minutes)

Presenter: Dr RUBINOV, Paul (Fermilab)

Session Classification: Session 8

Contribution ID: **31**

Type: **not specified**

FCAL

Wednesday, 17 November 2010 08:30 (20 minutes)

Presenter: Dr MARUYAMA, Takashi (SLAC)

Session Classification: Session 9

Contribution ID: 32

Type: **not specified**

Solenoid Progress

Tuesday, 16 November 2010 17:00 (20 minutes)

Presenter: Mr CRADDOCK, Wesley (SLAC)

Session Classification: Session 8

Contribution ID: 33

Type: **not specified**

Crystals/Dual Readout

Tuesday, 16 November 2010 15:00 (20 minutes)

Presenter: Dr PARA, Adam (Fermilab)

Session Classification: Session 7

Contribution ID: **34**

Type: **not specified**

Discussion

Contribution ID: 35

Type: **not specified**

Topical summaries

Contribution ID: **36**

Type: **not specified**

Topical summaries

Contribution ID: 37

Type: **not specified**

Physics Study of ILC Machine Baseline Design

Monday, 15 November 2010 10:05 (20 minutes)

Presenter: BRAU, Jim (U. Oregon)

Session Classification: Session 1

Contribution ID: **38**

Type: **not specified**

ILC/CLIC SiD Synergies

Monday, 15 November 2010 11:55 (25 minutes)

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

Session Classification: Session 2

Contribution ID: 39

Type: **not specified**

Implementation of slicPandora

Monday, 15 November 2010 14:30 (20 minutes)

Presenter: MCCORMICK, Jeremy (SLAC)

Session Classification: Session 3

Contribution ID: 40

Type: **not specified**

VTX+TRK Mechanics and Materials

Tuesday, 16 November 2010 10:05 (20 minutes)

Presenters: COOPER, William (Fermilab); COOPER, William Edward (Fermi National Accelerator Lab. (Fermilab)-Unknown-Unknown)

Session Classification: Session 5

Contribution ID: 41

Type: **not specified**

Planning for the DBD: Tracking and Vertexing

Tuesday, 16 November 2010 11:00 (20 minutes)

including milestones and timeline

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

Session Classification: Session 6

Contribution ID: 42

Type: **not specified**

Planning for the DBD: EM Calorimetry

Tuesday, 16 November 2010 12:00 (20 minutes)

including milestones and timeline

Presenter: Dr STANITZKI, Marcel (Rutherford Appleton Laboratory)

Session Classification: Session 6

Contribution ID: 43

Type: **not specified**

Planning for the DBD: Hadron Calorimeter

Tuesday, 16 November 2010 16:20 (20 minutes)

including milestones and timeline

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

Session Classification: Session 8

Contribution ID: 44

Type: **not specified**

Planning for the DBD: Muons

Tuesday, 16 November 2010 17:40 (20 minutes)

including milestones and timeline

Presenter: FISK, H. Eugene (Fermilab)

Session Classification: Session 8

Contribution ID: 45

Type: **not specified**

Summary of DBD Status and Plans

Wednesday, 17 November 2010 10:50 (30 minutes)

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

Session Classification: Session 10

Contribution ID: 46

Type: **not specified**

FCAL radiation damage studies and pattern recognition of non-prompt tracks

Wednesday, 17 November 2010 08:50 (20 minutes)

Presenter: SCHUMM, Bruce

Session Classification: Session 9

Contribution ID: 47

Type: **not specified**

Discussion

Wednesday, 17 November 2010 11:20 (40 minutes)

Session Classification: Session 10

Contribution ID: 49

Type: **not specified**

Discussion

Contribution ID: 50

Type: **not specified**

Moving System/Vibration Analysis

Wednesday, 17 November 2010 09:40 (20 minutes)

Presenter: ORIUNNO, Marco (SLAC National Accelerator Laboratory)

Session Classification: Session 9

Contribution ID: 51

Type: **not specified**

Software development and performance studies of CLIC-SiD

Monday, 15 November 2010 17:05 (25 minutes)

Presenter: SPECKMAYER, Peter (CERN)

Session Classification: Session 4

Contribution ID: 52

Type: **not specified**

The Iowa PFA

Monday, 15 November 2010 15:30 (25 minutes)

Presenter: MALLIK, Usha (Physics and Astronomy Department-University of Iowa)

Session Classification: Session 4

Contribution ID: 53

Type: **not specified**

Tracker Cable Studies

Tuesday, 16 November 2010 09:25 (15 minutes)

Presenter: SEIDEL, Sally (University of New Mexico)

Session Classification: Session 5

Contribution ID: 54

Type: **not specified**

Silicon Pixel Tracker

Tuesday, 16 November 2010 13:30 (20 minutes)

Presenter: Prof. DAMERELL, Chris (Rutherford)

Session Classification: Session 7

Contribution ID: 55

Type: **not specified**

SLAC Test Beam (short presentation during lunch)

Monday, 15 November 2010 12:25 (5 minutes)

Presenter: JAROS, John (SLAC)

Session Classification: Session 2

Contribution ID: 56

Type: **not specified**

Powering Delivery to KPiX Chips

Monday, 15 November 2010 17:30 (15 minutes)

Presenter: DHAWAN, Satish (Yale)

Session Classification: Session 4