

SiD Workshop at Fermilab

Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction

Contribution ID: 1

Type: **not specified**

Break

Monday, 9 April 2007 16:30 (30 minutes)

Contribution ID: 3

Type: **not specified**

ILC Detector R&D at Fermilab

Monday, 9 April 2007 17:00 (20 minutes)

Presenter: ODDONE, Pier (Fermilab)

Session Classification: Plenary I

Contribution ID: 4

Type: **not specified**

The WWS Detector Roadmap

Monday, 9 April 2007 17:20 (20 minutes)

Presenter: BRAU, Jim (U. Oregon)

Session Classification: Plenary I

Contribution ID: 5

Type: **not specified**

Getting to a SiD CDR from Here

Monday, 9 April 2007 17:40 (20 minutes)

Presenter: JAROS, John (SLAC)

Session Classification: Plenary I

Contribution ID: 6

Type: **not specified**

Benchmarking Status and Goals

Tuesday, 10 April 2007 08:30 (45 minutes)

Presenter: BARKLOW, Tim (SLAC)

Session Classification: Plenary II: Benchmarking

Contribution ID: 7

Type: **not specified**

PFA Status and Plans

Contribution ID: 8

Type: **not specified**

Non-PFA Calorimetry

Tuesday, 10 April 2007 10:30 (30 minutes)

Presenter: CASSELL, Ron (SLAC)

Session Classification: Plenary III: PFA and Alternatives

Contribution ID: 9

Type: **not specified**

An ignorant non-believer guide to the ILC calorimetry

Tuesday, 10 April 2007 11:00 (30 minutes)

Presenter: PARA, Adam

Session Classification: Plenary III: PFA and Alternatives

Contribution ID: **10**

Type: **not specified**

How to decide on SiD Calorimetry in 12 months ?

Tuesday, 10 April 2007 11:30 (30 minutes)

Presenter: BLAZEY, Gerald (NIU)

Session Classification: Plenary III: PFA and Alternatives

Contribution ID: 11

Type: **not specified**

FCAL Status and R&D Plans

Tuesday, 10 April 2007 13:00 (30 minutes)

Presenter: MORSE, Bill (BNL)

Session Classification: Plenary IV: MDI and FCAL and Software

Contribution ID: 12

Type: **not specified**

MDI Status and R&D Plans

Tuesday, 10 April 2007 13:30 (30 minutes)

Presenter: BURROWS, Phil (Oxford)

Session Classification: Plenary IV: MDI and FCAL and Software

Contribution ID: 15

Type: **not specified**

Status and Plans Tracking Software

Tuesday, 10 April 2007 15:20 (30 minutes)

Presenter: ONOPRIENKO, Dmitry (Kansas State)

Session Classification: Plenary V

Contribution ID: 17

Type: **not specified**

Status and Plans FCAL Software

Contribution ID: **18**

Type: **not specified**

ECAL MAPS

Invited talk

Presenter: STANITZKI, Marcel (Unknown)

Contribution ID: **19**

Type: **not specified**

Alternative Laser Based Alignment System

Presenter: VILA ALVAREZ, Ivan (Instituto de Fisica de Cantabria, Grupo de Altas Energias - Cons)

Contribution ID: 20

Type: **not specified**

FSI Alignment Update

Presenters: YANG, Haijun (University of Michigan); BUCHMULLER, Oliver (CERN)

Contribution ID: 21

Type: **not specified**

Tracking Status and R&D Plans

Wednesday, 11 April 2007 14:20 (20 minutes)

Presenter: PARTRIDGE, Rich (Brown/SLAC)

Session Classification: Plenary VIII

Contribution ID: 22

Type: **not specified**

Vertexing Software, R&D Status, and Plans

Wednesday, 11 April 2007 08:30 (30 minutes)

Presenter: LIPTON, Ron (Fermilab)

Session Classification: Plenary VI: R&D Plans

Contribution ID: 23

Type: **not specified**

Muon R&D Plans

Contribution ID: 24

Type: **not specified**

Tracking Review Post Mortem

Wednesday, 11 April 2007 14:00 (20 minutes)

Presenter: DEMARTEAU, Marcel (Fermilab)

Session Classification: Plenary VIII

Contribution ID: 25

Type: **not specified**

ECAL Status and R&D Plans

Wednesday, 11 April 2007 09:00 (30 minutes)

Presenter: STROM, David (U Oregon)

Session Classification: Plenary VI: R&D Plans

Contribution ID: 26

Type: **not specified**

HCAL Status and R&D Plans

Wednesday, 11 April 2007 13:00 (30 minutes)

Presenter: ZUTSHI, Vishnu (NIU)

Session Classification: Plenary VIII

Contribution ID: 28

Type: **not specified**

Test Beam Plans at Fermilab and SLAC

Wednesday, 11 April 2007 10:30 (30 minutes)

Presenter: YU, Jae (U Texas Arlington)

Session Classification: Plenary VII: R&D Plans

Contribution ID: 29

Type: **not specified**

SiD Engineering

Contribution ID: **30**

Type: **not specified**

General Software Issues for SiD

Contribution ID: 31

Type: **not specified**

The SiD Road Forward

Wednesday, 11 April 2007 15:00 (30 minutes)

Presenter: WEERTS, Harry (ANL)

Session Classification: Plenary VIII

Contribution ID: 32

Type: **not specified**

PFA Status and Plans

Tuesday, 10 April 2007 09:15 (45 minutes)

Presenter: MAGILL, Steve (ANL)

Session Classification: Plenary II: Benchmarking

Contribution ID: 33

Type: **not specified**

Status and Plans FCAL Software

Presenter: NAUENBERG, Uriel (U Colo)

Contribution ID: 34

Type: **not specified**

General Software Issues at SiD

Tuesday, 10 April 2007 14:20 (30 minutes)

Presenter: JOHNSON, Tony (SLAC)

Session Classification: Plenary IV: MDI and FCAL and Software

Contribution ID: 35

Type: **not specified**

FCAL Software Status and Plans

Tuesday, 10 April 2007 14:00 (20 minutes)

Presenter: NAUENBERG, Uriel (U Colorado)

Session Classification: Plenary IV: MDI and FCAL and Software

Contribution ID: **36**

Type: **not specified**

ECAL MAPS

Tuesday, 10 April 2007 16:05 (30 minutes)

Presenter: STANITZKI, Marcel

Session Classification: Plenary V

Contribution ID: **38**

Type: **not specified**

DOE Funding For ILC Detector R&D

Wednesday, 11 April 2007 09:30 (30 minutes)

Presenter: GRANNIS, Paul (DOE)

Session Classification: Plenary VI: R&D Plans

Contribution ID: 39

Type: **not specified**

NSF Funding for ILC Detector R&D

Contribution ID: 40

Type: **not specified**

Welcome

Monday, 9 April 2007 11:00 (15 minutes)

Primary author: MORSE, Bill (BNL)

Presenter: MORSE, Bill (BNL)

Session Classification: FCAL Parallel Session

Contribution ID: 41

Type: **not specified**

Coherent Beam-strahlung

Monday, 9 April 2007 11:15 (45 minutes)

Primary author: BONVANCINI, Giovanni (Wayne State)

Presenter: BONVANCINI, Giovanni (Wayne State)

Session Classification: FCAL Parallel Session

Contribution ID: 42

Type: **not specified**

BeamCal Physics Simulations

Monday, 9 April 2007 13:00 (30 minutes)

Primary author: NAUENBERG, Uriel (U Colorado)

Presenter: NAUENBERG, Uriel (U Colorado)

Session Classification: FCAL Parallel Session II

Contribution ID: 43

Type: **not specified**

GamCal Issues

Monday, 9 April 2007 13:30 (30 minutes)

Primary author: ZELLER, Micheal (Yale U.)

Presenter: ZELLER, Micheal (Yale U.)

Session Classification: FCAL Parallel Session II

Contribution ID: 44

Type: **not specified**

Anti-solenoid Issues

Monday, 9 April 2007 14:00 (20 minutes)

Primary author: Dr PARKER, Brett (BNL)

Presenter: Dr PARKER, Brett (BNL)

Session Classification: FCAL Parallel Session II

Contribution ID: 45

Type: **not specified**

Anti-solenoid Issues

Contribution ID: 46

Type: **not specified**

SiD Town Meeting

Tuesday, 10 April 2007 16:35 (1 hour)

Session Classification: Plenary V

Contribution ID: 47

Type: **not specified**

Cable Design

Monday, 9 April 2007 13:00 (20 minutes)

Presenter: HOEFERKAMP, Martin (Department of Physics and Astronomy - University of New Mexico)

Session Classification: Tracking Parallel Session

Contribution ID: 48

Type: **not specified**

Tracker Alignment Status

Monday, 9 April 2007 13:20 (20 minutes)

Presenter: Dr YANG, Haijun (University of Michigan, Ann Arbor)

Session Classification: Tracking Parallel Session

Contribution ID: 49

Type: **not specified**

Alternative Laser-Based Alignment System

Monday, 9 April 2007 13:40 (20 minutes)

Presenter: FERNANDEZ GARCIA, Marcos (Instituto de Fisica de Cantabria, Grupo de Altas Energias - Cons)

Session Classification: Tracking Parallel Session

Contribution ID: 50

Type: **not specified**

Prototype Sensor Design and Specs

Monday, 9 April 2007 14:00 (1 hour)

Presenter: NELSON, Timothy (SLAC)

Session Classification: Tracking Parallel Session

Contribution ID: 51

Type: **not specified**

Muon Status and R&D Plans

Presenter: FISK, Gene (Fermilab)

Contribution ID: 52

Type: **not specified**

Muon R&D Status and Plans

Wednesday, 11 April 2007 13:30 (30 minutes)

Presenter: Dr BAND, Henry (U. Wisconsin)

Session Classification: Plenary VIII

Contribution ID: 54

Type: **not specified**

SiD Solenoid Status and Plans

Tuesday, 10 April 2007 15:50 (15 minutes)

Presenter: KREMPETZ, Kurt (Fermilab)

Session Classification: Plenary V

Contribution ID: 55

Type: **not specified**

Preparations for LCWS07 Calorimeter Review

Wednesday, 11 April 2007 14:40 (20 minutes)

Presenter: WHITE, Andy (U Texas Arlington)

Session Classification: Plenary VIII

Contribution ID: 56

Type: **not specified**

Test for Paul

Contribution ID: 57

Type: **not specified**

TCMT preliminary test beam results

Monday, 9 April 2007 15:30 (20 minutes)

Presenter: FRANCIS, Kurt

Session Classification: Muon Parallel Session

Contribution ID: 58

Type: **not specified**

Analysis of scintillator/PMT Testbeam data

Monday, 9 April 2007 13:30 (20 minutes)

Presenter: Dr MILSTENE, Caroline (Fermilab)

Session Classification: Muon Parallel Session

Contribution ID: 59

Type: **not specified**

MAPMT channel response with a radio-active source

Monday, 9 April 2007 13:50 (20 minutes)

Presenter: DYCHKANT, A.

Session Classification: Muon Parallel Session

Contribution ID: **60**

Type: **not specified**

Calibration of MAPMT channels using a QVT setup

Monday, 9 April 2007 14:10 (10 minutes)

Presenter: KARCHIN, Paul (Wayne State)

Session Classification: Muon Parallel Session

Contribution ID: **61**

Type: **not specified**

T2K experience with scintillator/MPPC detectors

Presenter: YOKOYAMA, Masashi

Contribution ID: 62

Type: **not specified**

Muon Backgrounds with Reduced Muon Spoilers

Monday, 9 April 2007 14:50 (20 minutes)

Presenter: MOKHOV, Nikolai

Session Classification: Muon Parallel Session

Contribution ID: **63**

Type: **not specified**

R&D with the BES/Daya Bay RPCs

Monday, 9 April 2007 15:50 (20 minutes)

Presenter: LU, Changguo (Princeton)

Session Classification: Muon Parallel Session

Contribution ID: **64**

Type: **not specified**

Experience with the BELLE Glass RPCs

Monday, 9 April 2007 16:10 (20 minutes)

Presenter: PIILONEN, Leo (Va. Tech.)

Session Classification: Muon Parallel Session

Contribution ID: 65

Type: **not specified**

Plans, Requirements and Decisions for the Muon System

Monday, 9 April 2007 16:30 (20 minutes)

Presenter: BAND, Henry (U. of Wisconsin)

Session Classification: Muon Parallel Session

Contribution ID: **66**

Type: **not specified**

T2K experience with scintillator/MPPC detectors

Monday, 9 April 2007 14:30 (20 minutes)

Presenter: YOKOYAMA, Masashi

Session Classification: Muon Parallel Session

Contribution ID: 67

Type: **not specified**

Miniboone Special Seminar

Wednesday, 11 April 2007 11:00 (1 hour)

Contribution ID: **68**

Type: **not specified**

Simulation studies of calorimeter performance

Monday, 9 April 2007 13:00 (40 minutes)

Presenter: CASSELL, Ron (SLAC)

Session Classification: Calorimetry Parallel Session

Contribution ID: **69**

Type: **not specified**

PFA update

Monday, 9 April 2007 13:40 (25 minutes)

Presenter: MAGILL, Steve (ANL)

Session Classification: Calorimetry Parallel Session

Contribution ID: 70

Type: **not specified**

PFA update

Monday, 9 April 2007 14:05 (15 minutes)

Presenter: Dr XIA, Lei (Argonne National Laboratory)

Session Classification: Calorimetry Parallel Session

Contribution ID: 71

Type: **not specified**

PFA update

Monday, 9 April 2007 14:20 (15 minutes)

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

Session Classification: Calorimetry Parallel Session

Contribution ID: 72

Type: **not specified**

RPC update

Monday, 9 April 2007 15:05 (30 minutes)

Presenter: Dr REPOND, Jose (Argonne National Laboratory)

Session Classification: Calorimetry Parallel Session

Contribution ID: 73

Type: **not specified**

GEM update

Monday, 9 April 2007 15:35 (25 minutes)

Session Classification: Calorimetry Parallel Session

Contribution ID: 74

Type: **not specified**

Scintillator HCal R&D

Monday, 9 April 2007 16:00 (20 minutes)

Presenter: RYKALIN, V. (NIU)

Session Classification: Calorimetry Parallel Session

Contribution ID: 75

Type: **not specified**

Si/W update

Monday, 9 April 2007 16:20 (10 minutes)

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

Session Classification: Calorimetry Parallel Session

Contribution ID: 76

Type: **not specified**

First Look at CALICE Test Beam Data

Monday, 9 April 2007 14:35 (20 minutes)

Presenter: LIMA, Guilherme (NIU)

Session Classification: Calorimetry Parallel Session

Contribution ID: 77

Type: **not specified**

Beam induced EMI and detector electronics

Monday, 9 April 2007 13:00 (15 minutes)

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

Presenter: Dr SINEV, Nikolai (University of Oregon)

Session Classification: Vertexing Parallel Session

Contribution ID: 78

Type: **not specified**

Simulation study of split-column CCDs

Monday, 9 April 2007 13:15 (15 minutes)

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

Presenter: Dr SINEV, Nikolai (University of Oregon)

Session Classification: Vertexing Parallel Session

Contribution ID: 79

Type: **not specified**

LCFI Report

Monday, 9 April 2007 13:30 (20 minutes)

Primary author: Prof. NOMEROTSKI, Andrei (Oxford University)

Presenter: Prof. NOMEROTSKI, Andrei (Oxford University)

Session Classification: Vertexing Parallel Session

Contribution ID: **80**

Type: **not specified**

SOI and 3D Electronics

Monday, 9 April 2007 13:50 (20 minutes)

Primary author: Dr LIPTON, Ronald (Fermilab)

Presenter: Dr LIPTON, Ronald (Fermilab)

Session Classification: Vertexing Parallel Session

Contribution ID: **81**

Type: **not specified**

Vertex Mechanical Studies

Monday, 9 April 2007 14:10 (20 minutes)

Primary author: COOPER, William (Fermilab)

Presenter: COOPER, William (Fermilab)

Session Classification: Vertexing Parallel Session

Contribution ID: **82**

Type: **not specified**

Chronopixel Status

Monday, 9 April 2007 14:30 (15 minutes)

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

Presenter: Dr SINEV, Nikolai (University of Oregon)

Session Classification: Vertexing Parallel Session

Contribution ID: 83

Type: **not specified**

ILC Vertex Tracker Program at LBNL: from Sensor R&D to Physics Benchmarking

Monday, 9 April 2007 14:45 (20 minutes)

Primary author: Prof. BATTAGLIA, Marco (UC Berkeley and LBNL)

Presenter: Prof. BATTAGLIA, Marco (UC Berkeley and LBNL)

Session Classification: Vertexing Parallel Session

Contribution ID: **84**

Type: **not specified**

SiPM Characterization Measurements

Monday, 9 April 2007 14:20 (10 minutes)

Presenter: PARA, Adam

Session Classification: Muon Parallel Session

Contribution ID: 85

Type: **not specified**

Forward Detector Requirements

Monday, 9 April 2007 15:00 (15 minutes)

Presenter: MORSE, Bill (BNL)

Session Classification: Joint FCAL/Tracking Session

Contribution ID: **86**

Type: **not specified**

MDI Requirements

Monday, 9 April 2007 15:15 (15 minutes)

Presenter: Dr MARKIEWICZ, Thomas (SLAC)

Session Classification: Joint FCAL/Tracking Session

Contribution ID: **87**

Type: **not specified**

Tracking and Beam Pipe Requirements

Monday, 9 April 2007 15:30 (15 minutes)

Presenter: COOPER, William (Fermilab)

Session Classification: Joint FCAL/Tracking Session

Contribution ID: **88**

Type: **not specified**

Discussion

Monday, 9 April 2007 15:45 (45 minutes)

Session Classification: Joint FCAL/Tracking Session

Contribution ID: **89**

Type: **not specified**

SiPM Characterization

Monday, 9 April 2007 16:30 (10 minutes)

Presenter: NAUENBERG, Uriel (Unknown)

Session Classification: Calorimetry Parallel Session

Contribution ID: **90**

Type: **not specified**

Jet Energy Resolution

Monday, 9 April 2007 16:40 (10 minutes)

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

Session Classification: Calorimetry Parallel Session