

**SiD Workshop at Fermilab,  
Dec. 2005**

# **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Goals of the Meeting

*Friday, December 16, 2005 8:40 AM (10 minutes)*

**Primary author:** HARRY WEERTS

**Presenter:** HARRY WEERTS

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 2

Type: **not specified**

## **Vertexing: LCFI VXD R&D**

*Friday, December 16, 2005 11:00 AM (10 minutes)*

**Primary author:** STEVE WORM

**Presenter:** STEVE WORM

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 3

Type: **not specified**

## **Vertexing: Beampipe and Mechanical Design**

*Friday, December 16, 2005 11:10 AM (15 minutes)*

**Primary author:** BILL COOPER

**Presenter:** BILL COOPER

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 4

Type: **not specified**

## **Vertexing: VXD Geometry and Resolution**

*Friday, December 16, 2005 11:25 AM (15 minutes)*

**Primary author:** SU DONG

**Presenter:** SU DONG

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 5

Type: **not specified**

## **Benchmarking**

*Friday, December 16, 2005 11:40 AM (50 minutes)*

**Primary author:** TIM BARKLOW

**Presenter:** TIM BARKLOW

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 6

Type: **not specified**

## **Lunch Break**

*Friday, December 16, 2005 12:30 PM (1 hour)*

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 7

Type: **not specified**

## **Magnet**

*Friday, December 16, 2005 1:30 PM (30 minutes)*

**Primary author:** RICH SMITH

**Presenter:** RICH SMITH

**Session Classification:** In Depth Review of Subsystem Progress



Contribution ID: 8

Type: **not specified**

## **Muons**

*Friday, December 16, 2005 2:00 PM (40 minutes)*

**Primary author:** GENE FISK

**Presenter:** GENE FISK

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 9

Type: **not specified**

## Simulation

*Friday, December 16, 2005 2:40 PM (25 minutes)*

**Primary author:** NORMAN GRAF

**Presenter:** NORMAN GRAF

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: **10**

Type: **not specified**

## **MDI: Post-GDE Frascati Status and Plans**

*Friday, December 16, 2005 3:05 PM (40 minutes)*

**Primary author:** PHIL BURROWS

**Presenter:** PHIL BURROWS

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: **11**

Type: **not specified**

## **Wine and Cheese**

*Friday, December 16, 2005 3:45 PM (1h 30m)*

**Primary author:** MARCEL DEMARTEAU

**Presenter:** MARCEL DEMARTEAU

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 12

Type: **not specified**

## **PFA's and Calorimetry: ECAL**

*Friday, December 16, 2005 8:50 AM (10 minutes)*

**Primary author:** RAY FREY

**Presenter:** RAY FREY

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 13

Type: **not specified**

## **MDI: Continuation**

*Friday, December 16, 2005 5:15 PM (15 minutes)*

**Primary author:** PHIL BURROWS

**Presenter:** PHIL BURROWS

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 14

Type: **not specified**

## **Cost**

*Friday, December 16, 2005 5:30 PM (30 minutes)*

**Primary author:** MARTY BREIDENBACH

**Presenter:** MARTY BREIDENBACH

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 15

Type: **not specified**

## **R&D**

*Friday, December 16, 2005 6:00 PM (30 minutes)*

**Primary author:** ANDY WHITE

**Presenter:** ANDY WHITE

**Session Classification:** In Depth Review of Subsystem Progress



Contribution ID: 16

Type: **not specified**

## **PFA's and Calorimetry: HCAL**

*Friday, December 16, 2005 9:00 AM (20 minutes)*

**Primary author:** JOSE REPOND

**Presenter:** JOSE REPOND

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 17

Type: **not specified**

## **PFA's and Calorimetry: PFA's**

*Friday, December 16, 2005 9:20 AM (20 minutes)*

**Primary author:** STEVE MAGILL

**Presenter:** STEVE MAGILL

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: **18**

Type: **not specified**

## **PFA's and Calorimetry: discussion**

*Friday, December 16, 2005 9:40 AM (20 minutes)*

**Primary author:** ALL

**Presenter:** ALL

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 19

Type: **not specified**

## **Tracking: Mechanical Progress**

*Friday, December 16, 2005 10:00 AM (15 minutes)*

**Primary author:** BILL COOPER

**Presenter:** BILL COOPER

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 20

Type: **not specified**

## Tracking: Software Progress

*Friday, December 16, 2005 10:15 AM (15 minutes)*

**Primary author:** TIM NELSON

**Presenter:** TIM NELSON

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 21

Type: **not specified**

## Tracking: Discussion

*Friday, December 16, 2005 10:30 AM (10 minutes)*

**Primary author:** ALL

**Presenter:** ALL

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 22

Type: **not specified**

## Coffee Break

*Friday, December 16, 2005 10:40 AM (20 minutes)*

**Session Classification:** In Depth Review of Subsystem Progress

Contribution ID: 23

Type: **not specified**

## Report on Test Beams

*Saturday, December 17, 2005 8:30 AM (15 minutes)*

**Primary author:** JAE YU

**Presenter:** JAE YU

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto



Contribution ID: 24

Type: **not specified**

## **Cost**

*Saturday, December 17, 2005 11:00 AM (15 minutes)*

**Primary author:** BREIDENBACH

**Presenter:** BREIDENBACH

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: 25

Type: **not specified**

## **R&D**

*Saturday, December 17, 2005 11:15 AM (15 minutes)*

**Primary author:** WHITE

**Presenter:** WHITE

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: 26

Type: **not specified**

## Proposed SiD Detector Outline

*Saturday, December 17, 2005 11:30 AM (30 minutes)*

**Primary author:** JOHN JAROS

**Presenter:** JOHN JAROS

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: 27

Type: **not specified**

## **Discussion of SiD Detector Outline Goals and Organization**

*Saturday, December 17, 2005 12:00 PM (30 minutes)*

**Primary author:** ALL

**Presenter:** ALL

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: 28

Type: **not specified**

## Lunch

*Saturday, December 17, 2005 12:30 PM (1 hour)*

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: 29

Type: **not specified**

## SiD R&D Plans

*Saturday, December 17, 2005 1:30 PM (30 minutes)*

**Primary author:** ANDY WHITE

**Presenter:** ANDY WHITE

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: **30**

Type: **not specified**

## **Discussion of SiD R&D Plans**

*Saturday, December 17, 2005 2:00 PM (30 minutes)*

**Primary author:** ALL

**Presenter:** ALL

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: 31

Type: **not specified**

## **Work Assignments, Writing Assignments, Schedule**

*Saturday, December 17, 2005 2:30 PM (30 minutes)*

**Primary author:** JOHN JAROS

**Presenter:** JOHN JAROS

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto



Contribution ID: 32

Type: **not specified**

## Conclude

*Saturday, December 17, 2005 3:00 PM (15 minutes)*

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: **33**

Type: **not specified**

## **SiD Detector Outline Overview**

*Saturday, December 17, 2005 8:45 AM (15 minutes)*

**Primary author:** JOHN JAROS

**Presenter:** JOHN JAROS

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: **34**

Type: **not specified**

## Calorimetry

*Saturday, December 17, 2005 9:00 AM (15 minutes)*

**Primary author:** FREY/REPOND

**Presenter:** FREY/REPOND

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: 35

Type: **not specified**

## Tracking

*Saturday, December 17, 2005 9:15 AM (15 minutes)*

**Primary author:** DEMARTEAU/PARTRIDGE

**Presenter:** DEMARTEAU/PARTRIDGE

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: **36**

Type: **not specified**

## Vertexing

*Saturday, December 17, 2005 9:30 AM (15 minutes)*

**Primary author:** SU DONG

**Presenter:** SU DONG

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: 37

Type: **not specified**

## **Muons**

*Saturday, December 17, 2005 9:45 AM (15 minutes)*

**Primary author:** BAND/FISK

**Presenter:** BAND/FISK

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: **38**

Type: **not specified**

## **Benchmarking**

*Saturday, December 17, 2005 10:00 AM (15 minutes)*

**Primary author:** BARKLOW

**Presenter:** BARKLOW

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto

Contribution ID: 39

Type: **not specified**

## Magnet

*Saturday, December 17, 2005 10:15 AM (15 minutes)*

**Primary author:** KURT KREMPETZ

**Presenter:** KURT KREMPETZ

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto



Contribution ID: 40

Type: **not specified**

## Coffee

*Saturday, December 17, 2005 10:30 AM (30 minutes)*

**Session Classification:** Proposed Outlines, Plans, Schedules from Detecto