

SiD Workshop at RAL



Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome To Cosener's

Monday, 14 April 2008 09:00 (10 minutes)

Primary author: Prof. MCCUBBIN, Norman (RAL)

Presenter: Prof. MCCUBBIN, Norman (RAL)

Session Classification: SiD Opening Session

Contribution ID: 1

Type: **not specified**

SiD-UK Welcome

Monday, 14 April 2008 09:10 (10 minutes)

Primary author: Prof. BURROWS, Philip (Oxford University)

Presenter: Prof. BURROWS, Philip (Oxford University)

Session Classification: SiD Opening Session

Contribution ID: 2

Type: **not specified**

SiD Welcome and Workshop Plans

Monday, 14 April 2008 09:20 (15 minutes)

SiD Welcome and Workshop Plans

Primary authors: Prof. WEERTS, Harry (Argonne National Laboratory); JAROS, John (SLAC)

Presenter: JAROS, John (SLAC)

Session Classification: SiD Opening Session

Contribution ID: 3

Type: **not specified**

News from WWS/IDAG

Monday, 14 April 2008 09:35 (25 minutes)

Primary author: BRAU, Jim (U. Oregon)

Presenter: BRAU, Jim (U. Oregon)

Session Classification: SiD Opening Session

Contribution ID: 4

Type: **not specified**

GDE Status and News from the UK

Monday, 14 April 2008 14:00 (30 minutes)

Primary author: Prof. FOSTER, Brian (University of Oxford)

Presenter: Prof. FOSTER, Brian (University of Oxford)

Session Classification: GDE and CLIC

Contribution ID: 5

Type: **not specified**

Detector Concepts for CLIC

Monday, 14 April 2008 14:30 (30 minutes)

Primary author: SCHLATTER, Wolf-Dieter (CERN)

Presenter: SCHLATTER, Wolf-Dieter (CERN)

Session Classification: GDE and CLIC

Contribution ID: 6

Type: **not specified**

SiD Introduction

Primary authors: Prof. WEERTS, Harry (Argonne National Laboratory); JAROS, John (SLAC)

Presenter: JAROS, John (SLAC)

Contribution ID: 7

Type: **not specified**

LOI process for SiD

Primary authors: Prof. WEERTS, Harry (Argonne National Laboratory); JAROS, John (SLAC)

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

Contribution ID: 8

Type: **not specified**

SiD Software overview and Status

Monday, 14 April 2008 11:00 (30 minutes)

Primary author: GRAF, Norman (SLAC)

Presenter: GRAF, Norman (SLAC)

Session Classification: SiD Status and Overview

Contribution ID: 9

Type: **not specified**

MDI Status

Wednesday, 16 April 2008 08:30 (1 hour)

Primary authors: Prof. BURROWS, Philip (Oxford University); Dr MARKIEWICZ, Thomas (SLAC)

Presenters: Prof. BURROWS, Philip (Oxford University); Dr MARKIEWICZ, Thomas (SLAC)

Session Classification: MDI/Forward/Muon

Contribution ID: **10**

Type: **not specified**

Forward Detectors

Wednesday, 16 April 2008 09:30 (20 minutes)

Primary author: MORSE, Bill (BNL)

Presenter: MORSE, Bill (BNL)

Session Classification: MDI/Forward/Muon

Contribution ID: **11**

Type: **not specified**

PandoraPFA

Tuesday, 15 April 2008 11:00 (30 minutes)

Primary author: Dr THOMSON, Mark (University of Cambridge)

Presenter: Dr THOMSON, Mark (University of Cambridge)

Session Classification: PFA

Contribution ID: 12

Type: **not specified**

SiD Benchmarking

Monday, 14 April 2008 11:30 (30 minutes)

Primary author: Dr NOMEROTSKI, Andrei (University of Oxford)

Presenter: Dr NOMEROTSKI, Andrei (University of Oxford)

Session Classification: SiD Status and Overview

Contribution ID: 13

Type: **not specified**

Muon Detectors

Wednesday, 16 April 2008 09:50 (20 minutes)

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

Presenter: Dr BAND, Henry (U. Wisconsin)

Session Classification: MDI/Forward/Muon

Contribution ID: 14

Type: **not specified**

SiD Engineering Status

Monday, 14 April 2008 10:00 (30 minutes)

Primary author: KREMPETZ, Kurt (Fermilab)

Presenter: KREMPETZ, Kurt (Fermilab)

Session Classification: SiD Opening Session

Contribution ID: 15

Type: **not specified**

Workshop Summary, Next Steps, and Life beyond the LOI

Wednesday, 16 April 2008 10:40 (25 minutes)

Primary author: Prof. WEERTS, Harry (Argonne National Laboratory)

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

Session Classification: SiD plans and Way ahead

Contribution ID: 16

Type: **not specified**

SiD after the LoI phase

Primary author: Prof. WEERTS, Harry (Argonne National Laboratory)

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

Contribution ID: 17

Type: **not specified**

SiD performance using PandoraPFA

Tuesday, 15 April 2008 14:00 (30 minutes)

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

Presenter: Mr STANITZKI, Marcel (Rutherford Appleton Laboratory)

Session Classification: PFA

Contribution ID: **18**

Type: **not specified**

IowaPFA status

Tuesday, 15 April 2008 12:00 (30 minutes)

Primary author: Dr CHARLES, Matthew (The University of Iowa)

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

Session Classification: PFA

Contribution ID: 19

Type: **not specified**

Argonne PFA status

Tuesday, 15 April 2008 11:30 (30 minutes)

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

Presenter: Dr MAGILL, Stephen (Argonne National Laboratory)

Session Classification: PFA

Contribution ID: 20

Type: **not specified**

SiD studies using Iowa PFA

Tuesday, 15 April 2008 14:30 (30 minutes)

Primary author: BRONK, lawrence (MIT)

Presenter: BRONK, lawrence (MIT)

Session Classification: PFA

Contribution ID: 21

Type: **not specified**

PFA - What's next (discussion)

Tuesday, 15 April 2008 15:00 (30 minutes)

A general discussion about the open issues in PFA

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

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

Session Classification: PFA

Contribution ID: 22

Type: **not specified**

Vertex Detector Mechanics

Monday, 14 April 2008 15:00 (20 minutes)

Primary author: Dr GOLDSTEIN, Joel (Bristol University)

Presenter: Dr GOLDSTEIN, Joel (Bristol University)

Session Classification: Vertexing and Tracking

Contribution ID: 23

Type: **not specified**

Vertex Detector Design issues

Monday, 14 April 2008 15:20 (15 minutes)

Primary author: Dr LIPTON, Ronald (Fermilab)

Presenter: Dr LIPTON, Ronald (Fermilab)

Session Classification: Vertexing and Tracking

Contribution ID: 24

Type: **not specified**

News from the LCFI Vertex Package

Monday, 14 April 2008 16:45 (20 minutes)

Primary author: Mr JEFFERY, Ben (Oxford University)

Presenter: Mr JEFFERY, Ben (Oxford University)

Session Classification: Vertexing and Tracking

Contribution ID: 25

Type: **not specified**

Seed-based Track reconstruction

Monday, 14 April 2008 16:25 (20 minutes)

Primary author: PARTRIDGE, Richard (SLAC)

Presenter: PARTRIDGE, Richard (SLAC)

Session Classification: Vertexing and Tracking

Contribution ID: 26

Type: **not specified**

Forward Tracking Studies

Monday, 14 April 2008 17:05 (20 minutes)

Primary author: Dr VOS, Marcel (IFIC Valencia)

Presenter: Dr VOS, Marcel (IFIC Valencia)

Session Classification: Vertexing and Tracking

Contribution ID: 27

Type: **not specified**

Digitization and planar tracking geometries

Monday, 14 April 2008 16:05 (20 minutes)

Primary author: NELSON, Timothy (SLAC)

Presenter: NELSON, Timothy (SLAC)

Session Classification: Vertexing and Tracking

Contribution ID: 29

Type: **not specified**

ttbar Analysis

Tuesday, 15 April 2008 16:15 (15 minutes)

Primary author: Dr DEVETAK, Erik

Presenter: Dr DEVETAK, Erik

Session Classification: Detector Optimization and Benchmarking

Contribution ID: **30**

Type: **not specified**

ZHH analysis

Tuesday, 15 April 2008 16:30 (15 minutes)

Presenter: Dr LI, Yiming

Session Classification: Detector Optimization and Benchmarking

Contribution ID: **31**

Type: **not specified**

Sbottom Analysis

Tuesday, 15 April 2008 16:45 (15 minutes)

Presenter: LASTOVICKA, Tomas

Session Classification: Detector Optimization and Benchmarking

Contribution ID: 32

Type: **not specified**

SiW ECAL

Tuesday, 15 April 2008 08:30 (15 minutes)

Primary author: Dr KARYOTAKIS, Yannis (Lab. d'Annecy-le-Vieux de Phys. des Particules (LAPP/IN2P3/CNRS Uni. de Savoie))

Presenter: Dr KARYOTAKIS, Yannis (Lab. d'Annecy-le-Vieux de Phys. des Particules (LAPP/IN2P3/CNRS Uni. de Savoie))

Session Classification: Calorimetry

Contribution ID: **33**

Type: **not specified**

SiW MAPS ECAL

Tuesday, 15 April 2008 09:00 (15 minutes)

Primary author: WATSON, Nigel (Birmingham HEP)

Presenter: WATSON, Nigel (Birmingham HEP)

Session Classification: Calorimetry

Contribution ID: 34

Type: **not specified**

Digital HCAL with RPC

Tuesday, 15 April 2008 09:15 (15 minutes)

Primary author: Prof. WEERTS, Harry (Argonne National Laboratory)

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

Session Classification: Calorimetry

Contribution ID: 35

Type: **not specified**

Digital HCAL with GEMs

Tuesday, 15 April 2008 09:30 (15 minutes)

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

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

Session Classification: Calorimetry

Contribution ID: 36

Type: **not specified**

DigitalHCAL with Micromegas

Tuesday, 15 April 2008 09:45 (15 minutes)

Primary author: Dr ADLOFF, Catherine Juliette (Universite de Savoie - LAPP)

Presenter: Dr ADLOFF, Catherine Juliette (Universite de Savoie - LAPP)

Session Classification: Calorimetry

Contribution ID: 37

Type: **not specified**

Analog HCAL and TailCatcher

Tuesday, 15 April 2008 10:00 (15 minutes)

Primary author: ZUTSHI, Vishnu Vikhyat (Northern Illinois University)

Presenter: ZUTSHI, Vishnu Vikhyat (Northern Illinois University)

Session Classification: Calorimetry

Contribution ID: **38**

Type: **not specified**

SiPM for analog HCAL

Tuesday, 15 April 2008 10:15 (15 minutes)

Primary author: KIESLING, Christian (Max-Planck-Institut fuer Physik)

Presenter: KIESLING, Christian (Max-Planck-Institut fuer Physik)

Session Classification: Calorimetry

Contribution ID: 39

Type: **not specified**

Optimizing & Costing

Tuesday, 15 April 2008 17:00 (20 minutes)

Primary author: BREIDENBACH, Martin (SLAC)

Presenter: BREIDENBACH, Martin (SLAC)

Session Classification: Detector Optimization and Benchmarking

Contribution ID: 40

Type: **not specified**

Tracking, what's next

Monday, 14 April 2008 17:55 (15 minutes)

Primary author: DEMARTEAU, Marcel (Fermi National Accelerator Laboratory (FNAL))

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

Session Classification: Vertexing and Tracking

Contribution ID: 41

Type: **not specified**

Detector Optimization Discussion

Tuesday, 15 April 2008 17:20 (40 minutes)

Primary authors: Prof. WEERTS, Harry (Argonne National Laboratory); JAROS, John (SLAC)

Presenters: Prof. WEERTS, Harry (Argonne National Laboratory); JAROS, John (SLAC)

Session Classification: Detector Optimization and Benchmarking

Contribution ID: 42

Type: **not specified**

Way ahead Discussion

Wednesday, 16 April 2008 11:05 (1 hour)

Primary author: Prof. WEERTS, Harry (Argonne National Laboratory)

Presenters: Prof. WEERTS, Harry (Argonne National Laboratory); JAROS, John (SLAC)

Session Classification: SiD plans and Way ahead

Contribution ID: 43

Type: **not specified**

Discussion: Defining the SiD Parameters

Monday, 14 April 2008 12:00 (30 minutes)

Primary author: GRAF, Norman (SLAC)

Presenter: GRAF, Norman (SLAC)

Session Classification: SiD Status and Overview

Contribution ID: 44

Type: **not specified**

DEPFET-based VTX for SiD

Monday, 14 April 2008 17:25 (15 minutes)

Primary author: RASPEREZA, Alexei (MPI Munich)

Presenter: RASPEREZA, Alexei (MPI Munich)

Session Classification: Vertexing and Tracking

Contribution ID: 45

Type: **not specified**

kPiX Status

Tuesday, 15 April 2008 08:45 (15 minutes)

Primary authors: STROM, David (Oregon); NELSON, Timothy (SLAC)

Presenter: NELSON, Timothy (SLAC)

Session Classification: Calorimetry

Contribution ID: 46

Type: **not specified**

Serial Powering

Monday, 14 April 2008 17:40 (15 minutes)

Primary author: WEBER, Marc (Rutherford Appleton Laboratory-STFC - Science & Technology Facil)

Presenter: WEBER, Marc (Rutherford Appleton Laboratory-STFC - Science & Technology Facil)

Session Classification: Vertexing and Tracking