Vertex 2010

Report of Contributions

https://indico.cern.ch/e/Vertex2010
LHCb VELO operations and performance

Monday, 7 June 2010 14:00 (20)

Summary

Presenter(s) : BOWCOCK, Themis (Liverpool)
Session Classification : LHC Silicon Detector Performance 1
Atlas Pixel operations and performance

Monday, 7 June 2010 14:30 (20)

Summary

Presenter(s): ANDREAZZA, Attilio (Milano Univ. + INFN)
Session Classification: LHC Silicon Detector Performance 1
CMS Pixel operations and performance

Monday, 7 June 2010 15:00 (20)

Summary

Presenter(s) : ECKLUND, Karl (Rice University)

Session Classification : LHC Silicon Detector Performance 1
Future of Low Mass Pixel Systems with MAPS

Monday, 7 June 2010 11:00 (20)

Summary

Presenter(s) : BAUDOT, Jerome (Institut Pluridisciplinaire Hubert Curien (IPHC), Strasbourg)
Session Classification : Future Directions
Contributor ID: 4

Type: not specified

Industrialisation of Module Production

*Monday, 7 June 2010 11:30 (20)*

**Summary**

**Presenter(s):** HONMA, Alan (CERN)

**Session Classification:** Future Directions
New Concepts in Powering and Services

Monday, 7 June 2010 12:00 (20)

Summary

Presenter(s): NEWCOMER, Mitchell Franck (Pennsylvania)
Session Classification: Future Directions
Alice Pixel operations and performance

Monday, 7 June 2010 16:00 (20)

Summary

Presenter(s) :   TURRISI, Rosario (Università degli Studi di Padova-Università & INFN)
Session Classification :  LHC Silicon Detector Performance 2
LHCb Silicon Tracker operations and performance

Monday, 7 June 2010 16:30 (20)

Summary

Presenter(s) : NEEDHAM, Matthew David (EPFL)
Session Classification : LHC Silicon Detector Performance 2
Alice Silicon Tracker (drift detector and strips) operations and performance

Monday, 7 June 2010 17:00 (30)

Summary

Presenter(s): SITTA, Mario (Univ. Piemonte Orientale, Fac. Sci. MFN-Unknown-Unknown); CHRIS-TAKOGLOU, Panos (NIKHEF - Utrecht University)

Session Classification: LHC Silicon Detector Performance 2
Atlas Silicon strips operations and performance

Tuesday, 8 June 2010 09:00 (20)

Summary

Presenter(s): BITENC, Urban (Physikalisches Institut-Albert-Ludwigs-Universitaet Freiburg)
Session Classification: LHC Silicon Detector Performance & Tracking, Alignment & Physics
CMS Silicon strips operations and performance

Tuesday, 8 June 2010 09:30 (20)

Summary

Presenter(s) :  Dr BUTZ, ERIK (Massachusetts Institute of Technology)

Session Classification :  LHC Silicon Detector Performance & Tracking, Alignment & Physics
LHCb Alignment, Tracking and Physics Performance results

Tuesday, 8 June 2010 10:00 (20)

Summary

Presenter(s): Dr GERSABECK, Marco (CERN)

Session Classification: LHC Silicon Detector Performance & Tracking, Alignment & Physics 1
Silicon Detector Radiation Damage at the Tevatron

Tuesday, 8 June 2010 14:00 (20)

Summary

Presenter(s) : CARRON MONTERO, Sebastian Fernando (Department of Physics-University of Toronto)

Session Classification : Radiation Hardness 1
Charge Multiplication in Highly Irradiated Planar Sensors and Simulation

*Tuesday, 8 June 2010 14:30 (20)*

Summary

**Presenter(s):** CASSE, Gianluigi (Liverpool)

**Session Classification:** Radiation Hardness 1
Edge TCT Measurements

Tuesday, 8 June 2010 15:00 (20)

Summary

Presenter(s) : KRAMBERGER, Gregor (Jozef Stefan Institute)
Session Classification : Radiation Hardness 1
Fabrication of 3D Silicon Detectors

Tuesday, 8 June 2010 16:00 (20)

Summary

Presenter(s) : KOK, Angela (Unknown)
Session Classification : Radiation Hardness 2
Laboratory and Testbeam Results on 3D Detectors

Tuesday, 8 June 2010 16:30 (20)

Summary

Presenter(s) : FLETA CORRAL, Celeste (CNM, Barcelona)
Session Classification : Radiation Hardness 2
Summary

Presenter(s): MIKUZ, Marko (University of Ljubljana)
Session Classification: Radiation Hardness 2
LHCb Vertex Detector Upgrade

Thursday, 10 June 2010 14:00 (20)

Summary

Presenter(s) : BUYTAERT, Jan (CERN)
Session Classification : LHC Upgrades & New Detectors 1
ATLAS Upgrade

Thursday, 10 June 2010 14:30 (20)

Summary

Presenter(s): MUENSTERMANN, Daniel (TU Dortmund)
Session Classification: LHC Upgrades & New Detectors 1
CMS Upgrade

Thursday, 10 June 2010 15:00 (20)

Summary

Presenter(s) : Dr KAESTLI, Hans-Christian (PSI)
Session Classification : LHC Upgrades & New Detectors 1
Summary Talk

Friday, 11 June 2010 11:00 (40)

Summary

Presenter(s) : COLLINS, Paula (CERN)
Session Classification : Summary
Concluding Remarks

Friday, 11 June 2010 11:45 (15)

Summary

Presenter(s) : PARKES, Chris (Glasgow); EKLUND, Lars (Glasgow)
Session Classification : Summary
Experience from (vertex) triggering at the LHC

Friday, 11 June 2010 09:00 (20)

Summary

Presenter(s) : VAN BEUZEKOM, Martin (NIKHEF)
Session Classification : Trigger
ATLAS upgrade track trigger

Friday, 11 June 2010 09:30 (20)

Summary

Presenter(s): BRENNER, Richard (University of Uppsala)
Session Classification: Trigger
Tracking Trigger Upgrade Plans for CMS at SLHC

Friday, 11 June 2010 10:00 (20)

Summary

Presenter(s) : PESARESI, Mark (Imperial College)
Session Classification : Trigger
Atlas Alignment, Tracking and Physics Performance results

Tuesday, 8 June 2010 11:00 (20)

Summary

Presenter(s) : PIACQUADIO, Giacinto (Conseil Europeen Recherche Nucl. (CERN))

Session Classification : LHC Silicon Detector Tracking, Alignment & Physics 2
CMS Alignment, Tracking and Physics Performance results

Tuesday, 8 June 2010 11:30 (20)

Summary

Presenter(s) : VENTURI, Andrea (INFN, Sezione di Pisa Universita' Degli Studi di Siena & INFN Pisa)

Session Classification : LHC Silicon Detector Tracking, Alignment & Physics 2
Alice Alignment, Tracking and Physics Performance results

Tuesday, 8 June 2010 12:00 (20)

Summary

Presenter(s) : ROSSI, Andrea (Universita & INFN, Trieste)

Session Classification : LHC Silicon Detector Tracking, Alignment & Physics 2
3D Consortium

Thursday, 10 June 2010 09:00 (20)

Summary

Presenter(s) : Dr TRAVERSI, Gianluca (University of Bergamo)
Session Classification : Post-processing & 3D Integration 1
Summary

**Presenter(s):** HARA, Kazuhiko (Tsukuba)

**Session Classification:** Post-processing & 3D Integration 1
Contribution ID : 32
Type : not specified

The Via Revolution

Thursday, 10 June 2010 11:00 (20)

Summary

Presenter(s) : YAREMA, Ray (FNAL)
Session Classification : Post-processing & 3D Integration 2
R and D on Interconnection Technology for Belle II and sLHC

Thursday, 10 June 2010 11:30 (20)

Summary

Presenter(s): MOSER, Hans-Gunther (Werner-Heisenberg-Institut)
Session Classification: Post-processing & 3D Integration 2
NA62 Giga Tracker

Thursday, 10 June 2010 16:00 (20)

Summary

Presenter(s) : KLUGE, Alex (CERN)

Session Classification : LHC Upgrades & New Detectors 2
R and D challenges of a CLIC vertex detector

Thursday, 10 June 2010 16:30 (20)

Summary

Presenter(s): VAN DER KRAAIJ, Erik (CERN)
Session Classification: LHC Upgrades & New Detectors 2
Pixel Detectors for a New Generation of Light Sources

Wednesday, 9 June 2010 09:00 (20)

Summary

Presenter(s): GRAAFSMA, Heinz (DESY)
Session Classification: Non-HEP Applications 1
Medipix 3 and Timepix 2 Chip and Applications

Wednesday, 9 June 2010 11:00 (20)

Summary

Presenter(s) : Dr PLACKETT, Richard (University of Glasgow)
Session Classification : Non-HEP Applications 2
Development of High-Z Sensors for Pixel Array Detectors

Wednesday, 9 June 2010 11:30 (20)

Summary

Presenter(s): PENNICARD, David (DESY)
Session Classification: Non-HEP Applications 2
Neutron Detection for Security Applications

Wednesday, 9 June 2010 12:00 (20)

Summary

Presenter(s) : MCMILLAN, John (University of Sheffield)
Session Classification : Non-HEP Applications 2
Low Dose CT Scanners and Combined PET with X-ray Photon Counting

Wednesday, 9 June 2010 09:30 (20)

Summary

Presenter(s) : PANGAUD, Patrick (Centre de Physique des Particules de Marseille (CPPM))
Session Classification : Non-HEP Applications 1
MAMBO -3 an SOI X-ray Counting Chip

Wednesday, 9 June 2010 10:00 (20)

Summary

Presenter(s) : KHALID, Farah (Fermilab)
Session Classification : Non-HEP Applications 1
Atlas Pixel Design Using Two Tiers of Electronics

Thursday, 10 June 2010 10:00 (20)

Summary

Presenter(s): PANGAUD, Patrick (Centre de Physique des Particules de Marseille (CPPM))
Session Classification: Post-processing & 3D Integration 1
Belle Upgrade Silicon Tracker

Thursday, 10 June 2010 12:00 (20)

Summary

Presenter(s) : BERGAUER, Thomas (Institut fuer Hochenergiephysik (HEPHY))
Session Classification : Post-processing & 3D Integration 2
FAIR Silicon Tracking Detector System

Thursday, 10 June 2010 17:00 (20)

Summary

Presenter(s) : SCHMIDT, Christian (GSI Darmstadt)
Session Classification : LHC Upgrades & New Detectors 2
MAPS Based Vertex Detector at STAR

Thursday, 10 June 2010 17:30 (15)

Summary

Presenter(s): SZELEZNIK, Michal (Lawrence Berkeley National Laboratory)
Session Classification: Early Career Researcher 3
Development of high-Z sensors for pixel array detectors

Summary

Presenter(s): PENNICARD, David (DESY)
Timing behavior of the ATLAS Pixel Detector in calibration, cosmic ray and collision data

Thursday, 10 June 2010 17:50 (15)

Summary

Presenter(s) : IBRAGIMOV, Iskander (Universitaet Siegen)
Session Classification : Early Career Researcher 3
Welcome and Introduction

Monday, 7 June 2010 10:30 (20)

Summary

Presenter(s) : PARKES, Chris (Glasgow); EKLUND, Lars (Glasgow)
Session Classification : Welcome & Introduction
First Results of the TOTEM Roman Pots

Monday, 7 June 2010 17:40 (15)

Summary

Presenter(s) : KASPAR, Jan (Faculty of Mathematics and Physics-Charles University)
Session Classification : Early Career Researcher 1
Beam Background Effects in the CMS Pixel Detector

Monday, 7 June 2010 18:00 (15)

Summary

Presenter(s) : SNOEK, Hella (Physik-Institut-Universitaet Zuerich)
Session Classification : Early Career Researcher 1
LHCb VELO Closing Control, Vertex Resolution and Luminosity Measurement

Tuesday, 8 June 2010 17:50 (15)

Summary

Presenter(s): REDFORD, Sophie (University of Oxford)
Session Classification: Early Career Researcher 2
Charge Multiplication Properties in Highly-Irradiated Epitaxial Silicon Detectors

Tuesday, 8 June 2010 17:30 (15)

Summary

Presenter(s) : LANGE, Joern (Hamburg University)

Session Classification : Early Career Researcher 2
Thermal Characterisation of Materials for LHC Upgrade Modules

Summary

Presenter(s): BONAD, Isaac (University of Glasgow)
Summary

Presenter(s): BONAD, Isaac (University of Glasgow)

Session Classification: Scottish University (SUPA) Student’s Posters (& Tea)
Cross Talk in Position Sensitive Photon Detectors

Tuesday, 8 June 2010 10:30 (1)

Summary

Presenter(s) : MONTGOMERY, Rachel (University of Glasgow)
Session Classification : Scottish University (SUPA) Student’s Posters (& Tea)
LHCb VELO Resolution Studies: Impact parameters and eta distributions

Tuesday, 8 June 2010 10:30 (1)

Summary

Presenter(s): Mr ALEXANDER, Michael Thomas (University of Glasgow)
Session Classification: Scottish University (SUPA) Student’s Posters (& Tea)
ATLAS Cooling performance

*Tuesday, 8 June 2010 10:30 (1)*

**Summary**

**Presenter(s)**: Mr WYNNE, Benjamin Michael (University of Edinburgh)

**Session Classification**: Scottish University (SUPA) Student’s Posters (& Tea)
Simulation of charge multiplication in 3D Detectors

Tuesday, 8 June 2010 10:30 (1)
3D Detector Analysis from testbeams at the Diamond Synchrotron and CERN SPS

Tuesday, 8 June 2010 10:30 (1)

Summary

Presenter(s): STEWART, Graeme Douglas (University of Glasgow)
Session Classification: Scottish University (SUPA) Student's Posters (& Tea)
Plasma Wake Field Accelerator Measurements with Medipix

Tuesday, 8 June 2010 10:30 (1)

Summary

Presenter(s) : CIPICIA, Silvia (University of Strathclyde)
Session Classification : Scottish University (SUPA) Student’s Posters (& Tea)
Depletion depth studies in the ATLAS SCT

Summary
CCE measurements of n-on-p irradiated silicon

Tuesday, 8 June 2010 10:30 (1)

Summary

Presenter(s) : RAKOTOMIARAMANANA, Barinjaka (Department of Physics and Astronomy - University of Glasgow)

Session Classification : Scottish University (SUPA) Student’s Posters (& Tea)
Conceptual design for a vertex detector at a Neutrino Factory

Tuesday, 8 June 2010 10:30 (1)

Summary

Presenter(s): LAING, Andrew (University of Glasgow); FORREST, David
Session Classification: Scottish University (SUPA) Student’s Posters (& Tea)
Studies of depletion depth in ATLAS SCT modules

Tuesday, 8 June 2010 10:30 (1)

Summary

Presenter(s) : OROPEZA BARRERA, Cristina (Department of Physics and Astronomy-University of Glasgow)

Session Classification : Scottish University (SUPA) Student’s Posters (& Tea)
Studies of the temperature of ATLAS SCT modules

Tuesday, 8 June 2010 10:31 (20)

Summary

Presenter(s): EDWARDS, Nicholas Charles (University of Glasgow)
Session Classification: Scottish University (SUPA) Student’s Posters (& Tea)
The evaporative cooling system of the ATLAS SCT

Tuesday, 8 June 2010 10:51 (1)

Summary

Presenter(s) : BITADZE, Alexander (Glasgow University)
Session Classification : Scottish University (SUPA) Student’s Posters (& Tea)
Characterisation of a CMOS MAPS Sensor for Alpha Particle Detection

Tuesday, 8 June 2010 10:52 (1)

Summary

Presenter(s): HYNDS, Daniel (University of Glasgow)
Session Classification: Scottish University (SUPA) Student’s Posters (& Tea)
The Malt Whisky Cluster Vortex: Surfing The Flavour Spectrum

Tuesday, 8 June 2010 18:30 (30)

Summary

Presenter(s): WISHART, David

Session Classification: Whisky Tasting