10th Workshop on Electronics for LHC and future Experiments, Boston USA

Report of Contributions

Contribution ID: **1**

Type: **not specified**

Meeting of Poster Session presenters

Monday 13 September 2004 11:00 (20 minutes)

All authors of poster papers are requested to attend to finalise arrangements for mounting posters. Location to be announced.

Primary author: , John Oliver

Presenter: , John Oliver

Session Classification: Registration

Contribution ID: **2** Type: **not specified**

Preparation of proceedings

Monday 13 September 2004 10:00 (20 minutes)

The workshop usually publishes the proceedings within one month of the conference. Oral and poster contributors are requested to deliver their written papers at the time of the workshop or, by arrangement, shortly after by uploading files to this agenda. Further information will be posted on the conference web site. Address questions to the secretary to the Workshop, Sandra Claude: lecc.workshop@cern.ch

Primary author: , lecc.workshop@cern.ch

Presenter: , lecc.workshop@cern.ch

Session Classification: Registration

Contribution ID: **3** Type: **not specified**

Oral contributions

Monday 13 September 2004 10:00 (20 minutes)

We hope that all talks will be available before the workshop so that they can be downloaded to the conference computer system for display. To upload their talk files to this agenda, please do the following:
(1) Using the "Modify" menu at the top of the page, enter the password.
(2) Point to the red arrow next to your talk, when you will see a list of options. Select "Attach files" and you will see a second menu, from which you should choose "file upload"
You should have local access to the file to be transfered.
(3) Click on the "browse" button, then on your file, and validate your choice.

There is a help menu at the top of the page. Very large files (>20MB) may need to be delivered on a portable memory device, eg USB card. Please contact Sandra Claude (lecc.workshop@cern.ch) if there are problems.

Session Classification: Registration

Contribution ID: **4** Type: **not specified**

Poster contributions

Monday 13 September 2004 11:00 (20 minutes)

Standard US-sized foam boards will be available for afixing posters. The dimensions of the boards will be 40 x 30 inches (1016mm x 762mm), with the larger dimension in the vertical direction.
If needed authors may request the use of two poster boards. In this case they should make their request as soon as possible to Sandra Claude (lecc.workshop@cern.ch) with copy to John Oliver (jnoliver@fas.harvard.edu).

The titles and authors of poster papers are included in the agenda in a virtual session on Friday afternoon. Authors will be able to upload their written papers in the same manner as oral presentations.

Primary author: , Steve Quinton

Presenter: , Steve Quinton

Session Classification: Registration

Contribution ID: **5** Type: **not specified**

Fundamental discontinuities in silicon technology; Examples, consequences, and outlook for the future

Thursday 16 September 2004 14:00 (1 hour)

Primary author: BERNARD S MEYERSON

Presenter: BERNARD S MEYERSON

Session Classification: Plenary P6

Contribution ID: **6**   Type: **not specified**

Giga-channel FFT microwave spectrometers and pixilated nanosecond optical staring arrays: Some SETI technology

Friday 17 September 2004 09:00 (45 minutes)

Primary author: PAUL HOROWITZ

Presenter: PAUL HOROWITZ

Session Classification: Plenary P8

Contribution ID: **7** Type: **not specified**

Discussion and close-out

Friday 17 September 2004 11:40 (20 minutes)

Session Classification: Plenary P8

Contribution ID: **8**   Type: **not specified**

CDF Level 2 Trigger Upgrade: the Pulsar Project (S-Link based)

Friday 17 September 2004 10:00 (25 minutes)

Primary author: BURKARD REISERT

Presenter: BURKARD REISERT

Session Classification: Plenary P8

Contribution ID: **9** Type: **not specified**

(1) Tiny Triplet Finder (2) A Pattern Recognition Scheme for Large Curvature Circular Tracks and an FPGA Implementation Using Hash Sorter

Friday 17 September 2004 10:25 (25 minutes)

Primary author: JINYUAN WU

Presenter: JINYUAN WU

Session Classification: Plenary P8

Contribution ID: **10** Type: **not specified**

An initial look at Level-1 Calorimeter Triggering at the SLHC

Friday 17 September 2004 10:50 (25 minutes)

Primary author: DAVID CUSSANS

Presenter: DAVID CUSSANS

Session Classification: Plenary P8

Contribution ID: **11**   Type: **not specified**

An Asynchronous Level-1 Tracking Trigger for Future LHC Detector Upgrades

Friday 17 September 2004 11:15 (25 minutes)

Primary author: ALEXANDER MADORSKY

Presenter: ALEXANDER MADORSKY

Session Classification: Plenary P8

Contribution ID: **12**   Type: **not specified**

Predicting the In-System Performance of the CMS Tracker Analogue Readout Optical Links

Wednesday 15 September 2004 11:50 (25 minutes)

Primary author: STEFANOS DRIS

Presenter: STEFANOS DRIS

Session Classification: Parallel session A4

Contribution ID: **13**

Type: **not specified**

Qualification of the CMS Tracker Control Link Digital Optohybrid

Wednesday 15 September 2004 12:15 (25 minutes)

Primary author: ETAM NOAH MESSOMO

Presenter: ETAM NOAH MESSOMO

Session Classification: Parallel session A4

Contribution ID: **14**
Type: **not specified**

Optical Data Links in CMS ECAL

Wednesday 15 September 2004 11:25 (25 minutes)

Primary author: JIM GRAHL

Presenter: JIM GRAHL

Session Classification: Parallel session A4

Contribution ID: **15** Type: **not specified**

High Statistics Testing of Radiation Hardness and Reliability of Lasers and Photodiodes

Wednesday 15 September 2004 11:00 (25 minutes)

Primary author: KARL GILL

Presenter: KARL GILL

Session Classification: Parallel session A4

Contribution ID: **16** Type: **not specified**

ALICE Trigger System

Wednesday 15 September 2004 11:00 (25 minutes)

Primary author: ANTON JUSKO

Presenter: ANTON JUSKO

Session Classification: Parallel session B4

Contribution ID: **17** Type: **not specified**

The ATLAS Level-1 Central Trigger System

Wednesday 15 September 2004 11:25 (25 minutes)

Primary author: PEDRO BORREGO AMARAL

Presenter: PEDRO BORREGO AMARAL

Session Classification: Parallel session B4

Contribution ID: **18**   Type: **not specified**

Design and Commissioning of the CMS Global Calorimeter Trigger

Wednesday 15 September 2004 11:50 (25 minutes)

Primary author: DAVE NEWBOLD

Presenter: DAVE NEWBOLD

Session Classification: Parallel session B4

Contribution ID: **19**   Type: **not specified**

Experience with Trigger Electronics for the Cathode Strip Chamber System of CMS

Wednesday 15 September 2004 12:15 (15 minutes)

Primary author: JAY HAUSER

Presenter: JAY HAUSER

Session Classification: Parallel session B4

Contribution ID: **20**   Type: **not specified**

Experience with Large-Scale Industrial Production Considering the CMS Tracker Analog Optohybrids

Wednesday 15 September 2004 14:00 (25 minutes)

Primary author: MARKUS FRIEDL

Presenter: MARKUS FRIEDL

Session Classification: Parallel session A5

Contribution ID: **21**　　　　　　　　　　　　　　　　Type: **not specified**

Radiation tolerance tests for key components of the ALICE TOF Tdc Readout Module

Wednesday 15 September 2004 14:50 (25 minutes)

Primary author:　PIETRO ANTONIOLI

Presenter:　PIETRO ANTONIOLI

Session Classification:　Parallel session A5

Contribution ID: **22**   Type: **not specified**

Radiation-hard ASICs for Optical Data Transmission in the ATLASPixel Detector

Wednesday 15 September 2004 14:25 (25 minutes)

Primary author: AMIR RAHIMI

Presenter: AMIR RAHIMI

Session Classification: Parallel session A5

Contribution ID: **23** Type: **not specified**

Packaging technology for the electronics of the ALICE LHC experiment

Wednesday 15 September 2004 15:15 (25 minutes)

Primary author: HARTMUT GEMMEKE

Presenter: HARTMUT GEMMEKE

Session Classification: Parallel session A5

Contribution ID: **24**　　　　　　　　　　　　　　　　Type: **not specified**

Calorimeter Trigger Synchronization in CMS, Implementation and Test System

Wednesday 15 September 2004 14:00 (25 minutes)

Primary author: NUNO GIRAO DE ALMEIDA

Presenter: NUNO GIRAO DE ALMEIDA

Session Classification: Parallel session B5

Contribution ID: **25** Type: **not specified**

ATLAS/ LAr CALIBRATION SYSTEM

Wednesday 15 September 2004 14:25 (25 minutes)

Primary author: NICOLAS MASSOL

Presenter: NICOLAS MASSOL

Session Classification: Parallel session B5

Contribution ID: **26** Type: **not specified**

Design and Realization of an ALICE SDD End-Ladder Prototype

Wednesday 15 September 2004 14:50 (25 minutes)

Primary author: ALESSANDRO GABRIELLI

Presenter: ALESSANDRO GABRIELLI

Session Classification: Parallel session B5

Contribution ID: **27** Type: **not specified**

The ALICE TPC Readout Control Unit

Wednesday 15 September 2004 15:15 (25 minutes)

Primary author: CARMEN GONZALEZ GUTIERREZ

Presenter: CARMEN GONZALEZ GUTIERREZ

Session Classification: Parallel session B5

Contribution ID: **28** Type: **not specified**

The powering scheme of the CMS tracker

Wednesday 15 September 2004 16:10 (25 minutes)

Primary author: SIMONE PAOLETTI

Presenter: SIMONE PAOLETTI

Session Classification: Parallel session A6

Contribution ID: **29**   Type: **not specified**

Power supplies for LHC Experiments for SE and HE application

Wednesday 15 September 2004 16:35 (25 minutes)

Primary author: MANFRIED PLEIN

Presenter: MANFRIED PLEIN

Session Classification: Parallel session A6

Contribution ID: **30** Type: **not specified**

Overview of the ATLAS Electromagnetic Compatibility Policy

Wednesday 15 September 2004 17:00 (25 minutes)

Primary author: GEORGES BLANCHOT

Presenter: GEORGES BLANCHOT

Session Classification: Parallel session A6

Contribution ID: **31**   Type: **not specified**

Multiprocessor system controlling power supply distribution for the ATLAS SCT

Wednesday 15 September 2004 17:25 (25 minutes)

Primary author: PIOTR MALECKI

Presenter: PIOTR MALECKI

Session Classification: Parallel session A6

Contribution ID: **32**   Type: **not specified**

Novel bridges for PC-based VME control

Wednesday 15 September 2004 16:10 (25 minutes)

Primary author: NICOLA PAOLI

Presenter: NICOLA PAOLI

Session Classification: Parallel session B6

Contribution ID: **33** Type: **not specified**

The LHC PC Rack Project

Wednesday 15 September 2004 16:35 (25 minutes)

Primary author: FRED WICKENS

Presenter: FRED WICKENS

Session Classification: Parallel session B6

Contribution ID: **34** Type: **not specified**

The Final prototype of the Fast Merging Module (FMM) for readout status processing in CMS DAQ

Wednesday 15 September 2004 17:00 (25 minutes)

Primary author: ATTILA RACZ

Presenter: ATTILA RACZ

Session Classification: Parallel session B6

Contribution ID: **35**

Type: **not specified**

TTC Interface Module for ATLAS Read Out Electronics : Final production version based on Xilinx FPGA devices

Wednesday 15 September 2004 17:25 (25 minutes)

Primary author: , Matt Warren (UCL)

Presenter: , Matt Warren (UCL)

Session Classification: Parallel session B6

Contribution ID: **36**

Type: **not specified**

Recent Results on the Development of Ultra Radiation-Hard Semiconductor Detectors for Very High Luminosity Colliders

Thursday 16 September 2004 09:00 (25 minutes)

Primary author: MARA BRUZZI

Presenter: MARA BRUZZI

Session Classification: Plenary session P4

Contribution ID: **37**
Type: **not specified**

Advanced solid state detector technologies for particle detection

Thursday 16 September 2004 09:25 (25 minutes)

Primary author: DANIELLE MORAES

Presenter: DANIELLE MORAES

Session Classification: Plenary session P4

Contribution ID: **38**   Type: **not specified**

Pixel Multichip Module for the BTeV Experiment at Fermilab

Thursday 16 September 2004 09:50 (25 minutes)

Primary author: GUILHERME CARDOSO

Presenter: GUILHERME CARDOSO

Session Classification: Plenary session P4

Contribution ID: **39**
Type: **not specified**

Integration and test of ALICE SPD readout chain

Thursday 16 September 2004 10:15 (25 minutes)

Primary author: ANDREA BOCCARDI

Presenter: ANDREA BOCCARDI

Session Classification: Plenary session P4

Contribution ID: **40**
Type: **not specified**

Introduction and Welcome

Monday 13 September 2004 14:00 (15 minutes)

Session Classification: Plenary session P1

Contribution ID: **41** Type: **not specified**

The Large Synoptic Survey Telescope project

Monday 13 September 2004 14:15 (45 minutes)

Primary author: CHRIS STUBBS

Presenter: CHRIS STUBBS

Session Classification: Plenary session P1

Contribution ID: **42**   Type: **not specified**

Options for future high luminosity upgrades of the LHC machine

Monday 13 September 2004 15:00 (45 minutes)

Primary author: OLIVER BRUNING

Presenter: OLIVER BRUNING

Session Classification: Plenary session P1

Contribution ID: **43**
Type: **not specified**

R&D on Front-End Electronics for Linear Collider Detector Applications

Monday 13 September 2004 16:15 (45 minutes)

Primary author: BRUCE SCHUMM

Presenter: BRUCE SCHUMM

Session Classification: Plenary session P1

Contribution ID: 44   Type: **not specified**

BTeV electronics

Monday 13 September 2004 17:00 (45 minutes)

Primary author: JOEL BUTLER

Presenter: JOEL BUTLER

Session Classification: Plenary session P1

Contribution ID: 45
Type: **not specified**

Electronics issues and challenges for the future linear colliders

Thursday 16 September 2004 11:10 (25 minutes)

Primary author: PATRICK LE DU

Presenter: PATRICK LE DU

Session Classification: Plenary session P5

Contribution ID: **46** Type: **not specified**

Front-end electronics dedicated to the next generation of linear collider calorimeter

Thursday 16 September 2004 11:35 (25 minutes)

Primary author: SAMUEL MANEN

Presenter: SAMUEL MANEN

Session Classification: Plenary session P5

Contribution ID: **47** Type: **not specified**

Trends for Analog Design in ULSI CMOS processes

Thursday 16 September 2004 15:30 (25 minutes)

Primary author: GIOVANNI ANELLI

Presenter: GIOVANNI ANELLI

Session Classification: Plenary session P7

Contribution ID: **48**   Type: **not specified**

Linear transmission via fiber optics of analogue current-signals using the Optically-Coupled Current-Mirror Architecture

Thursday 16 September 2004 15:55 (25 minutes)

Primary author: DANIEL VICTOR CAMIN

Presenter: DANIEL VICTOR CAMIN

Session Classification: Plenary session P7

Contribution ID: **49** Type: **not specified**

Stand-alone Cosmic Ray Trigger Electronics for the ATLAS Tile Calorimeter

Friday 17 September 2004 14:00 (20 minutes)

Primary author: FUKUN TANG

Presenter: FUKUN TANG

Session Classification: Poster papers

Contribution ID: **50**   Type: **not specified**

Optical Multiplexer Board for TileCal Data Redundancy

Friday 17 September 2004 14:00 (20 minutes)

Primary author: JOSE TORRES

Presenter: JOSE TORRES

Session Classification: Poster papers

Contribution ID: **51**   Type: **not specified**

CMS ECAL FENIX ASIC design methodology

Friday 17 September 2004 14:00 (20 minutes)

Primary author: MAGNUS HANSEN

Presenter: MAGNUS HANSEN

Session Classification: Poster papers

Contribution ID: **52**   Type: **not specified**

Pressure monitoring system for the CMS muon chambers

Friday 17 September 2004 14:00 (20 minutes)

Primary author: DEZCO NOVAK

Presenter: DEZCO NOVAK

Session Classification: Poster papers

Contribution ID: **53**   Type: **not specified**

Software and DAQ for the CMS Silicon Tracker Front End Driver

Friday 17 September 2004 14:00 (20 minutes)

Primary author: JONATHAN FULCHER

Presenter: JONATHAN FULCHER

Session Classification: Poster papers

Contribution ID: **54** Type: **not specified**

The Manufacture of the CMS Tracker Front-End Driver

Friday 17 September 2004 14:00 (20 minutes)

Primary author: JOHN COUGHLAN

Presenter: JOHN COUGHLAN

Session Classification: Poster papers

Contribution ID: **55**   Type: **not specified**

Control System for the LHCb Muon Front-end Electronics using SCADA PVSS

Friday 17 September 2004 14:00 (20 minutes)

Primary author: RAFAEL NOBREGA

Presenter: RAFAEL NOBREGA

Session Classification: Poster papers

Contribution ID: **56**   Type: **not specified**

New look at DC Differential Amplifier structure

Friday 17 September 2004 14:00 (20 minutes)

Primary author: EDUARD ATKIN

Presenter: EDUARD ATKIN

Session Classification: Poster papers

Contribution ID: **57** Type: **not specified**

ALICE DDL Radiation Tolerance Tests for FPGA Configuration Loss

Friday 17 September 2004 14:00 (20 minutes)

Primary author: DENES ERVIN

Presenter: DENES ERVIN

Session Classification: Poster papers

Contribution ID: **58**   Type: **not specified**

Development of the Bandgap Voltage Reference Circuit, Featuring Dynamic-Threshold MOS Transistors (DTMOST's) in 0.13um CMOS Technology

Friday 17 September 2004 14:00 (20 minutes)

Primary author: VLADIMIR GROMOV

Presenter: VLADIMIR GROMOV

Session Classification: Poster papers

Contribution ID: **59**   Type: **not specified**

Radiation qualification of Commercial-Off-The-Shelf LVDS and G-link serializers and deserializers for the ATLAS endcap muon level-1 trigger system

Friday 17 September 2004 14:00 (20 minutes)

Primary author: CHIKARA FUKUNAGA

Presenter: CHIKARA FUKUNAGA

Session Classification: Poster papers

Contribution ID: **60**   Type: **not specified**

Possible use of LHC electronics concepts in the molecular imaging field

Friday 17 September 2004 14:00 (20 minutes)

Primary author: PATRICK LE DU

Presenter: PATRICK LE DU

Session Classification: Poster papers

Contribution ID: **61**   Type: **not specified**

Radiation Resistance of the Single Frequency 1310-nm AlGaInAs-InP Grating-Outcoupled Surface-Emitting Laser

Friday 17 September 2004 14:00 (20 minutes)

Primary author: JINGBO YE

Presenter: JINGBO YE

Session Classification: Poster papers

Contribution ID: **62**   Type: **not specified**

A Pattern Recognition Scheme for Large Curvature Circular Tracks and an FPGA Implementation Using Hash Sorter

Friday 17 September 2004 14:00 (20 minutes)

Primary author: JINYUAN WU

Presenter: JINYUAN WU

Session Classification: Poster papers

Contribution ID: **63**   Type: **not specified**

Rad-Tol Pt-100 Isolation Amplifiers for the LHC Cryogenic System

Friday 17 September 2004 14:00 (20 minutes)

Primary author: JUAN AGAPITO

Presenter: JUAN AGAPITO

Session Classification: Poster papers

Contribution ID: **64** Type: **not specified**

(A VLSI switch for deskewing and fault tolerance in LVDS links)

Friday 17 September 2004 14:00 (20 minutes)

Primary author: GLORIA TORRALBA

Presenter: GLORIA TORRALBA

Session Classification: Poster papers

Contribution ID: **65**
Type: **not specified**

A VME Board Prototype of High Voltage Power Supply Incorporating Piezoelectric Ceramic Transformer

Friday 17 September 2004 14:00 (20 minutes)

Primary author: MASTOSI IMORI

Presenter: MASTOSI IMORI

Session Classification: Poster papers

Contribution ID: **66**   Type: **not specified**

The OTIS TDC For LHCb Outer Tracker Readout

Friday 17 September 2004 14:00 (20 minutes)

Primary author: HARALD DEPPE

Presenter: HARALD DEPPE

Session Classification: Poster papers

Contribution ID: **67**   Type: **not specified**

The ATLAS Local Trigger Processor

Friday 17 September 2004 14:00 (20 minutes)

Primary author: PHILIPPE FARTHOUAT

Presenter: PHILIPPE FARTHOUAT

Session Classification: Poster papers

Contribution ID: **68**   Type: **not specified**

A novel String Banana Template Method for tracks reconstruction in high multiplicity events with significant multiple scattering and its firmware implementation

Friday 17 September 2004 14:00 (20 minutes)

Primary author: PIOTR KULINICH

Presenter: PIOTR KULINICH

Session Classification: Poster papers

Contribution ID: **69**   Type: **not specified**

Performance of a Pre-Production Track-Finding Processor for the Level-1 Trigger of the Endcap Muon System

Friday 17 September 2004 14:00 (20 minutes)

Primary author: ALEXANDER MADORSKY

Presenter: ALEXANDER MADORSKY

Session Classification: Poster papers

Contribution ID: **70** Type: **not specified**

Field Programmable Gate Arrays in 2004

Tuesday 14 September 2004 09:00 (45 minutes)

Primary author: PETER ALFKE

Presenter: PETER ALFKE

Session Classification: Plenary session P2

Contribution ID: **71** Type: **not specified**

Enabling Technologies for High Performance Chip Scale Packaging

Tuesday 14 September 2004 09:45 (45 minutes)

Primary author: TOM BUCK

Presenter: TOM BUCK

Session Classification: Plenary session P2

Contribution ID: **72**   Type: **not specified**

A1.1Qualification of the Front End Cards for the CMS ECAL

Tuesday 14 September 2004 11:00 (25 minutes)

Primary author: MARTIN GASTAL

Presenter: MARTIN GASTAL

Session Classification: Parallel session A1

Contribution ID: **73**   Type: **not specified**

The CMS ECAL Very Front End Electronics Production and Test

Tuesday 14 September 2004 11:25 (25 minutes)

Primary author: ALESSANDRO NARDULLI

Presenter: ALESSANDRO NARDULLI

Session Classification: Parallel session A1

Contribution ID: **74**   Type: **not specified**

Radiation effects and mitigation strategies for modern FPGAs

Tuesday 14 September 2004 11:50 (25 minutes)

Primary author: MATT STETTLER

Presenter: MATT STETTLER

Session Classification: Parallel session A1

Contribution ID: 75 Type: **not specified**

Irradiation tests of ROHM 0.35um ASIC and Actel Anti-fuse FPGA for the ATLAS muon endcap level-1 trigger system

Tuesday 14 September 2004 12:15 (25 minutes)

Primary author: CHIKARA FUKUNAGA

Presenter: CHIKARA FUKUNAGA

Session Classification: Parallel session A1

Contribution ID: **76** Type: **not specified**

Test results of the Data Concentrator Card of the CMS Electromagnetic Calorimeter Readout System

Tuesday 14 September 2004 11:00 (25 minutes)

Primary author: JOSE CARLOS DA SILVA

Presenter: JOSE CARLOS DA SILVA

Session Classification: Parallel session B1

Contribution ID: **77** Type: **not specified**

Performance of the CMS Silicon Tracker Front-End Driver

Tuesday 14 September 2004 11:25 (25 minutes)

Primary author: GREG ILES

Presenter: GREG ILES

Session Classification: Parallel session B1

Contribution ID: **78**   Type: **not specified**

The Muon Sorter in the CMS Drift Tubes Regional Trigger

Tuesday 14 September 2004 11:50 (25 minutes)

Primary author: LUIGI GUIDUCCI

Presenter: LUIGI GUIDUCCI

Session Classification: Parallel session B1

Contribution ID: **79**   Type: **not specified**

Tile Calorimeter Read Out Driver. Firmware Developments for the Final Prototype

Tuesday 14 September 2004 12:15 (25 minutes)

Primary author: JOSE CASTELO

Presenter: JOSE CASTELO

Session Classification: Parallel session B1

Contribution ID: **80** Type: **not specified**

Realization of ladder EndCap electronics for the ALICE ITS SSD

Tuesday 14 September 2004 14:00 (25 minutes)

Primary author: RUUD KLUIT

Presenter: RUUD KLUIT

Session Classification: Parallel session A2

Contribution ID: **81**   Type: **not specified**

Cancelled

Tuesday 14 September 2004 14:25 (25 minutes)

Primary author: IVO GOUGH ESCHRICH

Presenter: IVO GOUGH ESCHRICH

Session Classification: Parallel session A2

Contribution ID: **82** Type: **not specified**

A flexible stand-alone testbench for facilitating system tests of the CMS Preshower

Tuesday 14 September 2004 14:50 (25 minutes)

Primary author: PASCHALIS VICHOUDIS

Presenter: PASCHALIS VICHOUDIS

Session Classification: Parallel session A2

Contribution ID: **83** Type: **not specified**

LHCb Silicon Tracker electronics: from R&D to Preproduction

Tuesday 14 September 2004 15:15 (25 minutes)

Primary author: ACHIM VOLLHARDT

Presenter: ACHIM VOLLHARDT

Session Classification: Parallel session A2

Contribution ID: 84 Type: **not specified**

Design and performance of a PCI interface with four 2 Gbit/s serial optical links

Tuesday 14 September 2004 14:00 (25 minutes)

Primary author: STEFAN HAAS

Presenter: STEFAN HAAS

Session Classification: Parallel session B2

Contribution ID: **85**
Type: **not specified**

The L0 Off Detector Electronics (ODE) for the LHCb muon spectrometer

Tuesday 14 September 2004 14:25 (25 minutes)

Primary author: GIULIETTO FELICI

Presenter: GIULIETTO FELICI

Session Classification: Parallel session B2

Contribution ID: **86**
Type: **not specified**

Tests of the boards generating the ECAL Trigger Primitive in CMS: from the On-Detector electronics to the Off-Detector electronics system

Tuesday 14 September 2004 14:50 (25 minutes)

Primary author: PASCAL PAGANINI

Presenter: PASCAL PAGANINI

Session Classification: Parallel session B2

Contribution ID: **87**   Type: **not specified**

Design of a z-Vertex Trigger and its Operation Experience in the H1 Experiment at HERA

Tuesday 14 September 2004 15:15 (25 minutes)

Primary author: MAX CHRISTOPH URBAN

Presenter: MAX CHRISTOPH URBAN

Session Classification: Parallel session B2

Contribution ID: **88** Type: **not specified**

PACE3 : A large dynamic range analog memory ASIC assembly designed for the readout of silicon sensors in the LHC CMS Preshower.

Tuesday 14 September 2004 16:10 (25 minutes)

Primary author: PAUL ASPELL

Presenter: PAUL ASPELL

Session Classification: Parallel session A3

Contribution ID: **89** Type: **not specified**

SEU robustness, total dose radiation hardness and analog performance of the Beetle chip

Tuesday 14 September 2004 16:35 (25 minutes)

Primary author: ULRICH TRUNK

Presenter: ULRICH TRUNK

Session Classification: Parallel session A3

Contribution ID: **90** Type: **not specified**

Production testing and quality assurance of CMS silicon microstrip tracker readout chip

Tuesday 14 September 2004 17:00 (25 minutes)

Primary author: PIERRE BARILLON

Presenter: PIERRE BARILLON

Session Classification: Parallel session A3

Contribution ID: **91**   Type: **not specified**

Cancelled

Tuesday 14 September 2004 17:25 (25 minutes)

Primary author: ADRIANO LAI

Presenter: ADRIANO LAI

Session Classification: Parallel session A3

Contribution ID: 92   Type: **not specified**

The final design of the ATLAS Trigger/DAQ Read-Out-Buffer Input (ROBIN)

Tuesday 14 September 2004 16:10 (25 minutes)

Primary author: MATTIAS MUELLER

Presenter: MATTIAS MUELLER

Session Classification: Parallel session B3

Contribution ID: **93**   Type: **not specified**

Integration study and first test results of the CMS Muon Barrel Alignment system

Tuesday 14 September 2004 16:35 (25 minutes)

Primary author: DEZCO NOVAK

Presenter: DEZCO NOVAK

Session Classification: Parallel session B3

Contribution ID: **94**   Type: **not specified**

Very high dynamic range and high sampling rate VME digitizing boards for physics experiments

Tuesday 14 September 2004 17:00 (25 minutes)

Primary author: DOMINIQUE BRETON

Presenter: DOMINIQUE BRETON

Session Classification: Parallel session B3

Contribution ID: **95**   Type: **not specified**

The ALICE Data-Acquisition Read-out Receiver Card

Tuesday 14 September 2004 17:25 (25 minutes)

Primary author: CSABA SOOS

Presenter: CSABA SOOS

Session Classification: Parallel session B3

Contribution ID: **96**   Type: **not specified**

Optical links for LHC: experience from the CMS project and future prospects

Wednesday 15 September 2004 09:00 (45 minutes)

Primary author: FRANCOIS VASEY

Presenter: FRANCOIS VASEY

Session Classification: Plenary P3

Contribution ID: **97**   Type: **not specified**

Trigger and Data Acquisition for the Super LHC

Wednesday 15 September 2004 09:45 (45 minutes)

Primary author: WESLEY SMITH

Presenter: WESLEY SMITH

Session Classification: Plenary P3