

5th International Workshop on DEPFET Detectors and Applications

Report of Contributions

Contribution ID: 0

Type: **not specified**

Report from Grünberg DAQ Workshop

Thursday, 30 September 2010 14:00 (25 minutes)

Presenter: SÖREN LANGE & TAKEO HIGUCHI

Session Classification: Data Acquisition (DAQ)

Contribution ID: 1

Type: **not specified**

Status and Upgrade of Compute Node & Presentation of IHEP Group

Thursday, 30 September 2010 14:25 (20 minutes)

Presenter: LIU, Zhen-An

Session Classification: Data Acquisition (DAQ)

Contribution ID: 2

Type: **not specified**

Power Supplies

Thursday, 30 September 2010 11:00 (10 minutes)

Primary author: RUMMEL, Stefan (LMU Munich)

Presenter: RUMMEL, Stefan (LMU Munich)

Session Classification: Interface to Belle II and Detector Operation

Contribution ID: 3

Type: **not specified**

Services (incl. patch pannel)

Thursday, 30 September 2010 11:35 (15 minutes)

Presenter: RUMMEL, Stefan (LMU, Munich)

Session Classification: Interface to Belle II and Detector Operation

Contribution ID: 4

Type: **not specified**

Service path

Thursday, 30 September 2010 11:20 (15 minutes)

Presenter: TANAKA, Shuji (KEK)

Session Classification: Interface to Belle II and Detector Operation

Contribution ID: 5

Type: **not specified**

Slow Control

Thursday, 30 September 2010 11:50 (20 minutes)

Presenters: NAKAO, Mikihiro (KEK); USHIRODA, Yukata

Session Classification: Interface to Belle II and Detector Operation

Contribution ID: 6

Type: **not specified**

The Prague resolution paper

Thursday, 30 September 2010 15:15 (15 minutes)

Primary authors: Dr KODYS, Peter (Charles University Prague); KVASNICKA, Peter (IPNP, Charles University, Prague)

Presenter: KVASNICKA, Peter (IPNP, Charles University, Prague)

Session Classification: Test beams

Contribution ID: 7

Type: **not specified**

PXD6 test session (systems, TB)

Wednesday, 29 September 2010 17:45 (1 hour)

Primary authors: NINKOVIC, Jelena (MPI Halbleiterlabor); Dr VOS, Marcel (IFIC Valencia)

Session Classification: Time for parallel meetings and informal discussion

Contribution ID: 8

Type: **not specified**

some other parallel session

Wednesday, 29 September 2010 17:45 (1 hour)

Session Classification: Time for parallel meetings and informal discussion

Contribution ID: 9

Type: **not specified**

The Goettingen analysis

Thursday, 30 September 2010 15:00 (15 minutes)

Presenter: Mr GEISLER, Christian (Uni Goettingen)

Session Classification: Test beams

Contribution ID: **10**

Type: **not specified**

Thin Ladder Production and Cu Installation

Wednesday, 29 September 2010 16:45 (15 minutes)

Presenter: ANDRICEK, Laci (HLL Munich)

Session Classification: Interconnection/ Module Design / DHH

Contribution ID: 11

Type: **not specified**

Bumping Experience in Mannheim / Routing on the Ladder

Wednesday, 29 September 2010 17:00 (15 minutes)

Presenter: Mr KREIDL, Christian (University of Heidelberg)

Session Classification: Interconnection/ Module Design / DHH

Contribution ID: 12

Type: **not specified**

Kapton Flex Prototypes

Wednesday, 29 September 2010 17:15 (10 minutes)

Presenter: KRÜGER, Hans (University of Bonn)

Session Classification: Interconnection/ Module Design / DHH

Contribution ID: 13

Type: **not specified**

DHH Architecture: Report from the PXD-DAQ Workshop

Wednesday, 29 September 2010 17:25 (20 minutes)

Presenter: Mr KONOROV, Igor (Technical University Munich)

Session Classification: Interconnection/ Module Design / DHH

Contribution ID: 14

Type: **not specified**

Power Supplies

Thursday, 30 September 2010 11:10 (10 minutes)

Presenter: VISNIAKOV, Jevgenji

Session Classification: Interface to Belle II and Detector Operation

Contribution ID: 15

Type: **not specified**

Configuration Database & Calibration

Thursday, 30 September 2010 12:10 (20 minutes)

Presenter: MOSER, Hans-Günther (MPI für Physik)

Session Classification: Interface to Belle II and Detector Operation

Contribution ID: **16**

Type: **not specified**

Parameter Choice

Friday, 1 October 2010 09:00 (15 minutes)

Presenter: MOSER, Hans-Guenther (MPI)

Session Classification: Wrap-up session and AOB

Contribution ID: 17

Type: **not specified**

Actions

Friday, 1 October 2010 09:15 (15 minutes)

Presenter: MOSER, Hans-Guenther (MPI)

Session Classification: Wrap-up session and AOB

Contribution ID: **18**

Type: **not specified**

DCDB measurement updates

Wednesday, 29 September 2010 09:30 (10 minutes)

Primary author: KNOFF, Jochen

Presenter: KNOFF, Jochen

Session Classification: ASIC Design and test results

Contribution ID: **19**

Type: **not specified**

Switcher B

Wednesday, 29 September 2010 09:15 (10 minutes)

Presenter: KREIDL, Christian

Session Classification: ASIC Design and test results

Contribution ID: **20**

Type: **not specified**

DHP 0.1 Status

Wednesday, 29 September 2010 09:45 (10 minutes)

Presenter: HEMPEREK, Tomasz

Session Classification: ASIC Design and test results

Contribution ID: 21

Type: **not specified**

Clustering Implementation "dce8"

Wednesday, 29 September 2010 10:15 (10 minutes)

Presenter: WASSATSCH, Andreas

Session Classification: ASIC Design and test results

Contribution ID: 22

Type: **not specified**

DHP Simulation

Wednesday, 29 September 2010 10:30 (10 minutes)

Presenter: KISHISHITA, Tetsuichi

Session Classification: ASIC Design and test results

Contribution ID: 23

Type: **not specified**

DHP 0.1 Analog Blocks

Wednesday, 29 September 2010 10:00 (10 minutes)

Presenter: COMERMA, Albert

Session Classification: ASIC Design and test results

Contribution ID: 24

Type: **not specified**

TB2010: program

Thursday, 30 September 2010 15:50 (10 minutes)

Presenter: Dr VOS, Marcel (IFIC Valencia)

Session Classification: Test beams

Contribution ID: 25

Type: **not specified**

Discussion of TB publications

Thursday, 30 September 2010 15:30 (10 minutes)

Primary authors: Mr SCHWENKER, Benjamin (University of Göttingen); Mr GEISLER, Christian (Uni Goettingen); Dr VOS, Marcel (IFIC Valencia); Dr KODYS, Peter (Charles University Prague)

Session Classification: Test beams

Contribution ID: 26

Type: **not specified**

First Results on PXD6 Prototype Production

Primary author: RICHTER, Rainer

Presenter: RICHTER, Rainer

Contribution ID: 27

Type: **not specified**

Irradiation of DEPFET transistors with CO-60 up to 10 Mrad in Santiago

Presenter: VÁZQUEZ REGUEIRO, Pablo

Contribution ID: 28

Type: **not specified**

The thin oxide project - preirradiation results

Presenter: NINKOVIC, Jelena

Contribution ID: 29

Type: **not specified**

First Results of PXD6 Prototype Production

Wednesday, 29 September 2010 12:15 (15 minutes)

Presenter: RICHTER, Rainer

Session Classification: DEPFET Pixel Cell

Contribution ID: **30**

Type: **not specified**

The thin oxide project - pre irradiation results

Wednesday, 29 September 2010 12:30 (15 minutes)

Presenter: NINKOVIC, Jelena

Session Classification: DEPFET Pixel Cell

Contribution ID: 31

Type: **not specified**

Irradiations of thin oxides –Status and plans

Wednesday, 29 September 2010 12:45 (15 minutes)

Presenter: RITTER, Andreas

Session Classification: DEPFET Pixel Cell

Contribution ID: 32

Type: **not specified**

Irradiation of DEPFET transistors with CO-60 up to 10 Mrad in Santiago

Wednesday, 29 September 2010 13:00 (15 minutes)

Presenter: VAZQUEZ REGUEIRO, Pablo

Session Classification: DEPFET Pixel Cell

Contribution ID: **33**

Type: **not specified**

KEK IR-status

Thursday, 30 September 2010 09:00 (20 minutes)

Presenter: Dr TANAKA, Shuji (KEK)

Session Classification: Engineering (Cooling, mechanics, services...)

Contribution ID: 34

Type: **not specified**

Status of mechanical design

Thursday, 30 September 2010 09:20 (20 minutes)

Presenter: RITTER, Martin (MPP)

Session Classification: Engineering (Cooling, mechanics, services...)

Contribution ID: 35

Type: **not specified**

Cooling - status in Karlsruhe

Thursday, 30 September 2010 09:40 (10 minutes)

Presenter: Mr HEINDL, Stefan (Institut für Experimentelle Kernphysik, Karlsruher Institut für Technologie (KIT))

Session Classification: Engineering (Cooling, mechanics, services...)

Contribution ID: 36

Type: **not specified**

Thermal studies in Valencia

Thursday, 30 September 2010 09:50 (20 minutes)

Presenter: MARINAS PARDO, Carlos (Institut de Física Corpuscular, U. Valencia)

Session Classification: Engineering (Cooling, mechanics, services...)

Contribution ID: 37

Type: **not specified**

Fiber Optics Monitor

Thursday, 30 September 2010 10:10 (20 minutes)

Presenter: MOYA, David (Instituto de Física de Cantabria)

Session Classification: Engineering (Cooling, mechanics, services...)

Contribution ID: **38**

Type: **not specified**

Hybrid Boards for PxD6

Wednesday, 29 September 2010 11:00 (15 minutes)

Primary author: KOFFMANE, Christian (MPI Halbleiterlabor)

Presenter: KOFFMANE, Christian (MPI Halbleiterlabor)

Session Classification: Test systems

Contribution ID: **39**

Type: **not specified**

DCDB based DEPFET Readout System

Wednesday, 29 September 2010 11:15 (15 minutes)

Primary author: Mr KNOPF, Jochen (Uni Heidelberg)

Presenter: Mr KNOPF, Jochen (Uni Heidelberg)

Session Classification: Test systems

Contribution ID: 40

Type: **not specified**

DAQ system preparations for the DCD readout

Wednesday, 29 September 2010 11:30 (10 minutes)

Primary author: Dr FURLETOV, Sergey (University of Bonn)

Presenter: Dr FURLETOV, Sergey (University of Bonn)

Session Classification: Test systems

Contribution ID: 41

Type: **not specified**

Status and Plans

Wednesday, 29 September 2010 11:50 (5 minutes)

Primary author: NINKOVIC, Jelena (MPI Halbleiterlabor)

Session Classification: Test systems

Contribution ID: 42

Type: **not specified**

Laser tests of DEPFET edge effect

Wednesday, 29 September 2010 11:55 (10 minutes)

Primary author: MALINA, Lukas

Presenter: DRASAL, Zbynek (Charles University Prague)

Session Classification: Test systems

Contribution ID: 43

Type: **not specified**

Mini matrix system

Primary author: OSWALD, Christian

Contribution ID: 44

Type: **not specified**

Mini matrix system

Primary author: OSWALD, Christian

Contribution ID: 45

Type: **not specified**

Mini matrix system

Contribution ID: 46

Type: **not specified**

Mini matrix system

Primary author: OSWALD, Christian

Contribution ID: 47

Type: **not specified**

Mini matrix system

Wednesday, 29 September 2010 12:05 (10 minutes)

Primary author: OSWALD, Christian

Presenter: DRASAL, Zbynek (Charles University Prague)

Session Classification: Test systems

Contribution ID: 48

Type: **not specified**

Signal resolution and dynamic range

Wednesday, 29 September 2010 10:40 (5 minutes)

Presenter: KOCH, Manuel

Session Classification: ASIC Design and test results

Contribution ID: 49

Type: **not specified**

Update of DEPFET Digitizer - Explanation and Motivation

Wednesday, 29 September 2010 14:45 (15 minutes)

Primary author: SCHWENKER, Benjamin

Presenter: SCHWENKER, Benjamin

Session Classification: Vertex Tracking and Performance

Contribution ID: 50

Type: **not specified**

Studies of PXD Resolution at large Occupancies

Wednesday, 29 September 2010 15:05 (15 minutes)

Presenter: DRASAL, Zbynek

Session Classification: Vertex Tracking and Performance

Contribution ID: 51

Type: **not specified**

Status of QED Background Studies

Wednesday, 29 September 2010 15:40 (15 minutes)

Presenter: MOLL, Andreas

Session Classification: Vertex Tracking and Performance

Contribution ID: 52

Type: **not specified**

Status and Plans of the Belle-II Tracking Software

Wednesday, 29 September 2010 15:20 (20 minutes)

Presenter: HECK, Martin

Session Classification: Vertex Tracking and Performance

Contribution ID: 53

Type: **not specified**

Status Report on the Simulation of Machine Background

Wednesday, 29 September 2010 15:55 (20 minutes)

Presenter: NAKAYAMA, Hiroyuki

Session Classification: Vertex Tracking and Performance

Contribution ID: 54

Type: **not specified**

DEPFET Readout System with FPGA based DHP emulation

Wednesday, 29 September 2010 11:40 (10 minutes)

Primary author: LEMARENKO, Mikhail

Presenter: LEMARENKO, Mikhail

Session Classification: Test systems

Contribution ID: 55

Type: **not specified**

Material Budget Studies for the Belle-II Si tracker

Wednesday, 29 September 2010 15:00 (5 minutes)

Presenter: DRASAL, Zbynek

Session Classification: Vertex Tracking and Performance

Contribution ID: 56

Type: **not specified**

TB2010: what's there to test?

Thursday, 30 September 2010 15:40 (10 minutes)

summary of yesterday's informal meeting

Presenter: NINKOVIC, Jelena

Session Classification: Test beams

Contribution ID: 57

Type: **not specified**

Welcome Address

Wednesday, 29 September 2010 09:00 (5 minutes)

Presenter: LACASTA, Carlos

Session Classification: Welcome

Contribution ID: 58

Type: **not specified**

Some News & Mission of the Workshop

Wednesday, 29 September 2010 09:05 (10 minutes)

Presenter: KIESLING, Christian

Session Classification: Welcome