

# 6th International Workshop on DEPFET Detectors and Applications



## Report of Contributions

Contribution ID: 0

Type: **not specified**

**AOB**

Contribution ID: 1

Type: **not specified**

## Status of DAQ

*Tuesday, 8 February 2011 15:50 (20 minutes)*

**Primary author:** LANGE, Sören

**Presenter:** LANGE, Sören

**Session Classification:** Data Acquisition (DHH, DAQ)

Contribution ID: 2

Type: **not specified**

## **New ATCA Compute Node**

*Tuesday, 8 February 2011 16:10 (20 minutes)*

**Primary author:** LIU, Zhen-An

**Presenter:** LIU, Zhen-An

**Session Classification:** Data Acquisition (DHH, DAQ)

Contribution ID: 3

Type: **not specified**

## **DHH Design**

*Tuesday, 8 February 2011 15:30 (20 minutes)*

**Presenter:** Mr KONOROV, Igor (Technical University Munich)

**Session Classification:** Data Acquisition (DHH, DAQ)

Contribution ID: 4

Type: **not specified**

## **DCE2 - a small footprint sequentiell clustering algorithm for the DHP in the Belle 2 PXD**

*Monday, 7 February 2011 09:55 (25 minutes)*

**Presenter:** Dr WASSATSCH, Andreas (MPI HLL)

**Session Classification:** ASIC Development and Test Results

Contribution ID: 5

Type: **not specified**

## **DCDB v2**

*Monday, 7 February 2011 09:15 (20 minutes)*

**Presenter:** Dr PERIC, Ivan (University of Heidelberg)

**Session Classification:** ASIC Development and Test Results

Contribution ID: 6

Type: **not specified**

## DHP

*Monday, 7 February 2011 09:35 (20 minutes)*

**Presenter:** HEMPEREK, Tomasz (Bonn University)

**Session Classification:** ASIC Development and Test Results



Contribution ID: 7

Type: **not specified**

## **The PXD Simulation with the BASF2 Framework**

*Monday, 7 February 2011 16:25 (20 minutes)*

**Presenter:** MOLL, Andreas

**Session Classification:** Vertex Tracking and Performance

Contribution ID: 8

Type: **not specified**

## **Background Studies in the New Framework**

*Monday, 7 February 2011 16:45 (20 minutes)*

**Presenter:** KOBLITZ, Susanne

**Session Classification:** Vertex Tracking and Performance

Contribution ID: 9

Type: **not specified**

## **QED Background: Comparison of Data and Monte Carlo**

*Monday, 7 February 2011 15:55 (15 minutes)*

**Presenter:** NEDELKOVSKA, Elena

**Session Classification:** Vertex Tracking and Performance

Contribution ID: **10**

Type: **not specified**

## **Status of the Digital Simulation of the PXD**

*Monday, 7 February 2011 17:05 (20 minutes)*

**Presenter:** KVASNICKA, Peter

**Session Classification:** Vertex Tracking and Performance

Contribution ID: 11

Type: **not specified**

## **Status and Plans of the Belle-II Tracking Software**

*Monday, 7 February 2011 17:25 (20 minutes)*

**Presenter:** HECK, Martin

**Session Classification:** Vertex Tracking and Performance

Contribution ID: 12

Type: **not specified**

## **Some Remarks on New Optimization Strategies**

*Monday, 7 February 2011 15:45 (10 minutes)*

**Presenter:** KIESLING, Christian

**Session Classification:** Vertex Tracking and Performance

Contribution ID: 13

Type: **not specified**

## **News since the last DEPFET Meeting**

*Monday, 7 February 2011 09:00 (15 minutes)*

**Presenter:** Prof. KIESLING, Christian (MPI for Physics)

**Session Classification:** Welcome / News since the last DEPFET Meeting

Contribution ID: 14

Type: **not specified**

## **KEK - IR- status**

*Tuesday, 8 February 2011 09:00 (20 minutes)*

**Primary author:** Dr TANAKA, Shuji (KEK)

**Presenter:** Dr TANAKA, Shuji (KEK)

**Session Classification:** Engineering (Cooling, Mechanics)



Contribution ID: 15

Type: **not specified**

## News about mechanics

*Tuesday, 8 February 2011 09:20 (20 minutes)*

**Primary author:** RITTER, Martin (MPP)

**Presenter:** RITTER, Martin (MPP)

**Session Classification:** Engineering (Cooling, Mechanics)

Contribution ID: 16

Type: **not specified**

## Status in Valencia

*Tuesday, 8 February 2011 09:40 (20 minutes)*

**Primary author:** MARINAS, Carlos

**Session Classification:** Engineering (Cooling, Mechanics)

Contribution ID: 17

Type: **not specified**

## Status in Karlsruhe

*Tuesday, 8 February 2011 10:00 (15 minutes)*

**Presenter:** Mr HEINDL, Stefan (IEKP, Karlsruher Institut für Technologie (KIT))

**Session Classification:** Engineering (Cooling, Mechanics)

Contribution ID: **18**

Type: **not specified**

## **Status report on the FOS monitor**

*Tuesday, 8 February 2011 10:15 (15 minutes)*

**Presenter:** Mr MOYA, David (IFCA)

**Session Classification:** Engineering (Cooling, Mechanics)

Contribution ID: 19

Type: **not specified**

## **SVD->PXD Data Concentrator**

*Tuesday, 8 February 2011 16:30 (20 minutes)*

**Primary author:** , DINGFELDER, Jochen + MARINAS, Carlos

**Presenter:** , DINGFELDER, Jochen + MARINAS, Carlos

**Session Classification:** Data Acquisition (DHH, DAQ)

Contribution ID: 20

Type: **not specified**

## Update on Services

*Tuesday, 8 February 2011 11:25 (10 minutes)*

**Primary author:** RUMMEL, Stefan (LMU Muenchen)

**Presenter:** RUMMEL, Stefan (LMU Muenchen)

**Session Classification:** Module Design & Services (Power Supplies, Cabling etc)

Contribution ID: 21

Type: **not specified**

## **TB2010: operational experience**

*Tuesday, 8 February 2011 14:00 (10 minutes)*

**Presenters:** Mr KNOPF, Jochen (Uni Heidelberg); FURLETOVA, Julia; Dr FURLETOV, Sergey (University of Bonn)

**Session Classification:** Test Beam Results and Planning

Contribution ID: 22

Type: **not specified**

## **TB2010: results**

*Tuesday, 8 February 2011 14:10 (15 minutes)*

**Presenter:** Mr LEMARENKO, Mikhail (Bonn University)

**Session Classification:** Test Beam Results and Planning



Contribution ID: 23

Type: **not specified**

## Update on Kapton-Flex development

*Tuesday, 8 February 2011 11:35 (10 minutes)*

**Primary author:** Mr PUETSCH, Philip (Uni Bonn)

**Presenter:** Mr PUETSCH, Philip (Uni Bonn)

**Session Classification:** Module Design & Services (Power Supplies, Cabling etc)

Contribution ID: 24

Type: **not specified**

## **TB2010: results**

*Tuesday, 8 February 2011 14:25 (15 minutes)*

**Presenter:** Mr SCHWENKER, Benjamin (University of Göttingen)

**Session Classification:** Test Beam Results and Planning

Contribution ID: 25

Type: **not specified**

## **In-pixel and resolution studies**

*Tuesday, 8 February 2011 14:40 (15 minutes)*

**Presenter:** Mr REUEN, Lars (University of Bonn)

**Session Classification:** Test Beam Results and Planning

Contribution ID: 26

Type: **not specified**

## **Introduction firmware-project and group Prof. Knoll / FORTIS**

*Tuesday, 8 February 2011 12:05 (15 minutes)*

**Primary author:** Mr BARNER, Simon (TUM computer science)

**Presenter:** Mr BARNER, Simon (TUM computer science)

**Session Classification:** Module Design & Services (Power Supplies, Cabling etc)

Contribution ID: 27

Type: **not specified**

## **Update on Power supply development**

*Tuesday, 8 February 2011 11:45 (20 minutes)*

**Primary author:** RUMMEL, Stefan (LMU Muenchen)

**Presenter:** RUMMEL, Stefan (LMU Muenchen)

**Session Classification:** Module Design & Services (Power Supplies, Cabling etc)

Contribution ID: 28

Type: **not specified**

## Electrical Module Design

*Tuesday, 8 February 2011 11:00 (25 minutes)*

**Primary author:** Mr ANDRICEK, Ladislav (MPP / HLL)

**Presenter:** Mr ANDRICEK, Ladislav (MPP / HLL)

**Session Classification:** Module Design & Services (Power Supplies, Cabling etc)

Contribution ID: 29

Type: **not specified**

## Testing of PxD6

*Monday, 7 February 2011 13:45 (20 minutes)*

**Primary author:** NINKOVIC, Jelena (MPI Halbleiterlabor)

**Presenter:** NINKOVIC, Jelena (MPI Halbleiterlabor)

**Session Classification:** Test Systems

Contribution ID: **30**

Type: **not specified**

## **Hybrids: Status report**

*Monday, 7 February 2011 14:05 (15 minutes)*

**Primary author:** KOFFMANE, Christian (MPI Halbleiterlabor)

**Presenter:** KOFFMANE, Christian (MPI Halbleiterlabor)

**Session Classification:** Test Systems



Contribution ID: 31

Type: **not specified**

## **Minimatrix system update**

*Monday, 7 February 2011 14:20 (15 minutes)*

**Primary author:** OSWALD, Christian

**Presenter:** OSWALD, Christian

**Session Classification:** Test Systems

Contribution ID: 32

Type: **not specified**

## DEPFETs in the Magnetic Field

*Monday, 7 February 2011 14:35 (10 minutes)*

**Primary author:** NINKOVIC, Jelena (MPI Halbleiterlabor)

**Presenter:** NINKOVIC, Jelena (MPI Halbleiterlabor)

**Session Classification:** Test Systems

Contribution ID: 33

Type: **not specified**

## **PXD6 status and technology issues**

*Monday, 7 February 2011 11:15 (25 minutes)*

**Primary author:** RICHTER, Rainer (MPI)

**Presenter:** RICHTER, Rainer (MPI)

**Session Classification:** DEPFET Matrix Development

Contribution ID: 34

Type: **not specified**

## **X-rays and electrons irradiations at Karlsruhe and ELSA**

*Monday, 7 February 2011 11:40 (25 minutes)*

**Primary author:** RITTER, Andreas

**Presenter:** RITTER, Andreas

**Session Classification:** DEPFET Matrix Development

Contribution ID: 35

Type: **not specified**

## Availability of SOI Material

*Monday, 7 February 2011 12:05 (10 minutes)*

**Primary author:** ANDRICEK, Laci (HLL Munich)

**Presenter:** ANDRICEK, Laci (HLL Munich)

**Session Classification:** DEPFET Matrix Development

Contribution ID: 36

Type: **not specified**

## **PS Organisation**

*Tuesday, 8 February 2011 12:20 (5 minutes)*

**Session Classification:** Module Design & Services (Power Supplies, Cabling etc)

Contribution ID: 37

Type: **not specified**

## **Studies of PXD Resolution at large Occupancies**

*Monday, 7 February 2011 16:10 (15 minutes)*

**Presenter:** DRASAL, Zbynek

**Session Classification:** Vertex Tracking and Performance

Contribution ID: **38**

Type: **not specified**

## **2D eta correction using NN**

*Tuesday, 8 February 2011 14:55 (5 minutes)*

**Presenter:** MALINA, Lukas

**Session Classification:** Test Beam Results and Planning



Contribution ID: 39

Type: **not specified**

## **IB Welcome**

*Tuesday, 8 February 2011 17:00 (10 minutes)*

**Primary author:** DOLEZAL, Zdenek (Charles University in Prague)

**Session Classification:** IB Meeting

Contribution ID: 40

Type: **not specified**

## Summary

*Wednesday, 9 February 2011 10:30 (30 minutes)*

**Presenter:** Prof. KIESLING, Christian (MPI for Physics)

**Session Classification:** AOB