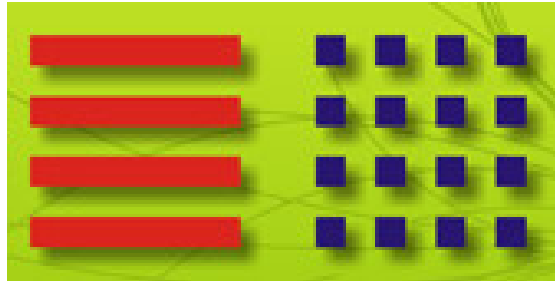


Belle II SVD-PXD Meeting



Report of Contributions

Contribution ID: 0

Type: **not specified**

Introduction

Presenter: KIESLING, Christian

Contribution ID: 1

Type: **not specified**

DEPFET Sensor

Presenter: RICHTER, Rainer

Contribution ID: 2

Type: **not specified**

ASICs

Presenter: KRÜGER, Hans

Contribution ID: 4

Type: **not specified**

Welcome to the SVD-PXD Meeting

Monday 6 February 2012 10:00 (15 minutes)

Presenter: Dr FRIEDL, Markus (Austrian Academy of Sciences (AT))

Session Classification: Welcome

Contribution ID: 5

Type: **not specified**

Project status and purpose of this meeting

Monday 6 February 2012 10:15 (15 minutes)

Presenter: USHIRODA, Yutaka (KEK)

Session Classification: Welcome

Contribution ID: 6

Type: **not specified**

Status and Funding

Contribution ID: 7

Type: **not specified**

Status and Funding

Monday 6 February 2012 10:30 (15 minutes)

Presenter: USHIRODA, Yutaka (KEK)

Session Classification: SVD: General

Contribution ID: 8

Type: **not specified**

SVD Schedule

Monday 6 February 2012 10:45 (15 minutes)

Presenter: Dr FRIEDL, Markus (Austrian Academy of Sciences (AT))

Session Classification: SVD: General

Contribution ID: 9

Type: **not specified**

HPK status

Monday 6 February 2012 11:20 (10 minutes)

Presenter: Dr TSUBOYAMA, Toru (KEK, High Energy Accelerator Research Organization)

Session Classification: SVD: Sensors

Contribution ID: **10**

Type: **not specified**

Micron status

Monday 6 February 2012 11:30 (10 minutes)

Presenter: BERGAUER, Thomas (Austrian Academy of Sciences (AT))

Session Classification: SVD: Sensors

Contribution ID: 11

Type: **not specified**

Beam test & irradiation results

Monday 6 February 2012 11:40 (15 minutes)

Presenter: VALENTAN, Manfred (HEPHY Vienna)

Session Classification: SVD: Sensors

Contribution ID: 12

Type: **not specified**

Zero suppression with FADC

Monday 6 February 2012 11:55 (10 minutes)

Presenter: Mr IRMLER, Christian (Austrian Academy of Sciences (AT))

Session Classification: SVD: Sensors

Contribution ID: 13

Type: **not specified**

Characterisation of DSSD interstrip parameters

Monday 6 February 2012 12:05 (15 minutes)

Presenter: DOLEJSCHI, Paul (HEPHY Vienna)

Session Classification: SVD: Sensors

Contribution ID: 14

Type: **not specified**

Beam test & irradiation plans

Monday 6 February 2012 12:20 (10 minutes)

Presenter: BERGAUER, Thomas (Austrian Academy of Sciences (AT))

Session Classification: SVD: Sensors

Contribution ID: 15

Type: **not specified**

Mechanics news from KEK

Monday 6 February 2012 14:00 (20 minutes)

Presenter: Dr TANAKA, Shuji (KEK)

Session Classification: SVD: Mechanics & Geometry

Contribution ID: 16

Type: **not specified**

Geometry and constraints

Monday 6 February 2012 14:20 (30 minutes)

Presenter: GFALL, Immanuel (Austrian Academy of Sciences (AT))

Session Classification: SVD: Mechanics & Geometry

Contribution ID: 17

Type: **not specified**

Simulation

Monday 6 February 2012 14:50 (15 minutes)

Presenter: VALENTAN, Manfred (HEPHY Vienna)

Session Classification: SVD: Mechanics & Geometry

Contribution ID: **18**

Type: **not specified**

Physics considerations

Monday 6 February 2012 15:05 (15 minutes)

Presenter: SCHWANDA, Christoph (Austrian Academy of Sciences)

Session Classification: SVD: Mechanics & Geometry

Contribution ID: 19

Type: **not specified**

Discussion & conclusion

Monday 6 February 2012 15:20 (40 minutes)

Session Classification: SVD: Mechanics & Geometry

Contribution ID: 20

Type: **not specified**

Origami and PA design

Monday 6 February 2012 16:20 (20 minutes)

Presenter: Mr IRMLER, Christian (Austrian Academy of Sciences (AT))

Session Classification: SVD: Front-end & ladder assembly

Contribution ID: 21

Type: **not specified**

Jigs and procedure

Monday 6 February 2012 16:40 (40 minutes)

Presenter: ONUKI, Yoshiyuki (Tohoku University)

Session Classification: SVD: Front-end & ladder assembly

Contribution ID: 22

Type: **not specified**

Discussion

Monday 6 February 2012 17:20 (1h 10m)

Session Classification: SVD: Front-end & ladder assembly

Contribution ID: 23

Type: **not specified**

FADC system

Tuesday 7 February 2012 09:00 (20 minutes)

Presenter: Dr FRIEDL, Markus (Austrian Academy of Sciences (AT))

Session Classification: SVD: Back-end electronics

Contribution ID: 24

Type: **not specified**

FTB

Presenter: NATKANIEC, Zbigniew (High Energy Department)

Contribution ID: 25

Type: **not specified**

Zero suppression with APVDAQ

Tuesday 7 February 2012 09:20 (15 minutes)

Presenter: JOO, Changwoo (Seoul National Univ)

Session Classification: SVD: Back-end electronics

Contribution ID: 26

Type: **not specified**

Online Software

Tuesday 7 February 2012 09:35 (15 minutes)

Presenter: OBERMAYER, Thomas (HEPHY Vienna)

Session Classification: SVD: Back-end electronics

Contribution ID: 27

Type: **not specified**

Overview

Tuesday 7 February 2012 10:10 (20 minutes)

Presenter: SCHWANDA, Christoph (Austrian Academy of Sciences)

Session Classification: SVD: Software

Contribution ID: 28

Type: **not specified**

SVD Digitizers

Tuesday 7 February 2012 10:30 (15 minutes)

Presenter: KVASNICKA, Peter (Charles University (CZ))

Session Classification: SVD: Software

Contribution ID: 29

Type: **not specified**

Pattern recognition

Contribution ID: **30**

Type: **not specified**

Track fitting

Tuesday 7 February 2012 11:20 (15 minutes)

Presenter: NADLER, Moritz

Session Classification: SVD: Software

Contribution ID: **31**

Type: **not specified**

Discussion

Tuesday 7 February 2012 11:35 (20 minutes)

Session Classification: SVD: Software

Contribution ID: 32

Type: **not specified**

Plans

Tuesday 7 February 2012 11:55 (15 minutes)

Presenter: Dr TSUBOYAMA, Toru (KEK, High Energy Accelerator Research Organization)

Session Classification: SVD: Monitoring & Slow controls

Contribution ID: 33

Type: **not specified**

Discussion

Tuesday 7 February 2012 12:10 (20 minutes)

Session Classification: SVD: Monitoring & Slow controls

Contribution ID: 39

Type: **not specified**

Discussion

Tuesday 7 February 2012 09:50 (20 minutes)

Session Classification: SVD: Back-end electronics

Contribution ID: 42

Type: **not specified**

Status of Compute Node (Vers. 3, xTCA/AMC daughter/carrier)

Presenter: LIU, Zhen-An

Contribution ID: 45

Type: **not specified**

Status of DCE3 (cluster finder ASIC)

Presenter: WASSATSCH, Andreas

Contribution ID: 46

Type: **not specified**

Status of FTB

Presenter: OSTROWICZ, Wacek

Contribution ID: 47

Type: **not specified**

Status of DATCON

Wednesday 8 February 2012 11:20 (20 minutes)

Presenters: MARINAS, Carlos; DINGFELDER, Jochen; SCHNELL, Michael

Session Classification: SVD-PXD: DAQ

Contribution ID: 48

Type: **not specified**

PXD Cluster Finder Algorithm and ASIC

Wednesday 8 February 2012 11:40 (20 minutes)

Presenter: WASSATSCH, Andreas

Session Classification: SVD-PXD: DAQ

Contribution ID: 49

Type: **not specified**

Hough-Track Finder on FPGA

Wednesday 8 February 2012 12:00 (5 minutes)

Presenters: SPRUCK, Björn; MÜNCHOW, David; AL-TURANY, Mohammad; LANGE, Sören

Session Classification: SVD-PXD: DAQ

Contribution ID: 50

Type: **not specified**

Discussion about track finder for BEAST-II

Wednesday 8 February 2012 12:05 (5 minutes)

Session Classification: SVD-PXD: DAQ

Contribution ID: 51

Type: **not specified**

New PXD DAQ Software & Data Quality Monitor Group

Presenter: LANGE, Sören

Contribution ID: 52

Type: **not specified**

PXD Slow Control and Data Quality Monitor

Presenter: FURLETOV, Sergey (Bonn)

Contribution ID: 54

Type: **not specified**

BEAST II Introduction

Wednesday 8 February 2012 14:00 (20 minutes)

Presenter: Dr MARINAS PARDO, Carlos (Bonn University)

Session Classification: SVD-PXD: Beast II

Contribution ID: 55

Type: **not specified**

Belle II IR status during the Beast II phase

Wednesday 8 February 2012 14:20 (20 minutes)

Presenter: Dr TANAKA, Shuji (KEK)

Session Classification: SVD-PXD: Beast II

Contribution ID: 56

Type: **not specified**

Beam Aborts in KEKB

Wednesday 8 February 2012 14:40 (20 minutes)

Presenter: Dr TSUBOYAMA, Toru (KEK, High Energy Accelerator Research Organization)

Session Classification: SVD-PXD: Beast II

Contribution ID: 57

Type: **not specified**

(PXD) Beast II and Monitors

Wednesday 8 February 2012 15:00 (20 minutes)

Presenter: Dr MARINAS PARDO, Carlos (Bonn University)

Session Classification: SVD-PXD: Beast II

Contribution ID: 58

Type: **not specified**

(SVD) Beast II requirements

Wednesday 8 February 2012 15:20 (20 minutes)

Presenter: Dr TSUBOYAMA, Toru (KEK, High Energy Accelerator Research Organization)

Session Classification: SVD-PXD: Beast II

Contribution ID: 59

Type: **not specified**

BEAST II Discussion

Wednesday 8 February 2012 15:40 (20 minutes)

Session Classification: SVD-PXD: Beast II

Contribution ID: **66**

Type: **not specified**

Status of DCDB Probecard-tests

Presenter: RAFFELT, Lukas

Contribution ID: 72

Type: **not specified**

SVD Work @ Tohoku

Tuesday 7 February 2012 10:45 (15 minutes)

Presenter: ISHIKAWA, Akimasa (Kobe University (JP))

Session Classification: SVD: Software

Contribution ID: 73

Type: **not specified**

Common services

Wednesday 8 February 2012 16:20 (15 minutes)

Presenter: RUMMEL, Stefan (LMU Munich)

Session Classification: SVD-PXD: Everything else

Contribution ID: 74

Type: **not specified**

Common beam tests

Wednesday 8 February 2012 16:35 (30 minutes)

Presenter: Dr KODYS, Peter (Charles University)

Session Classification: SVD-PXD: Everything else

Contribution ID: 75

Type: **not specified**

Monitoring with fibers

Wednesday 8 February 2012 17:05 (25 minutes)

Presenter: VILA ALVAREZ, Ivan (Universidad de Cantabria (ES))

Session Classification: SVD-PXD: Everything else

Contribution ID: 76

Type: **not specified**

Database

Wednesday 8 February 2012 17:30 (15 minutes)

Presenter: BERGAUER, Thomas (Austrian Academy of Sciences (AT))

Session Classification: SVD-PXD: Everything else

Contribution ID: 77

Type: **not specified**

SVD Summary & Closing Remark

Wednesday 8 February 2012 18:05 (10 minutes)

Presenter: Dr FRIEDL, Markus (Austrian Academy of Sciences (AT))

Session Classification: SVD-PXD: Everything else

Contribution ID: **83**

Type: **not specified**

Status of the CO₂ Cooling System

Tuesday 7 February 2012 16:20 (30 minutes)

Presenter: KOBLITZ, Susanne (Conseil Europeen Recherche Nucl. (CERN)-Unknown-Unknown)

Session Classification: SVD-PXD: Cooling Systems

Contribution ID: **84**

Type: **not specified**

Open CO2 cooling system at the beam test

Tuesday 7 February 2012 16:50 (20 minutes)

Presenter: FRANKENBERGER, Annekathrin (HEPHY)

Session Classification: SVD-PXD: Cooling Systems

Contribution ID: 85

Type: **not specified**

Status of Cooling and Mockup at DESY

Tuesday 7 February 2012 17:10 (10 minutes)

Presenter: NIEBUHR, Carsten (Deutsches Elektronen-Synchrotron (DE))

Session Classification: SVD-PXD: Cooling Systems

Contribution ID: **86**

Type: **not specified**

Status of Mockup and cooling tests in Valencia

Tuesday 7 February 2012 17:20 (20 minutes)

Presenter: LACASTA LLACER, Carlos (Universidad de Valencia (ES))

Session Classification: SVD-PXD: Cooling Systems

Contribution ID: 87

Type: **not specified**

FOS-based monitoring in the belle-II-tracker

Tuesday 7 February 2012 17:40 (25 minutes)

Presenter: VILA ALVAREZ, Ivan (Universidad de Cantabria (ES))

Session Classification: SVD-PXD: Cooling Systems

Contribution ID: **88**

Type: **not specified**

grounding scheme for the belle-II tracker

Tuesday 7 February 2012 18:05 (25 minutes)

Presenter: ARTECHE, Fernando (Instituto Tecnológico de Aragón)

Session Classification: SVD-PXD: Cooling Systems

Contribution ID: **89**

Type: **not specified**

Simulation of Thin Depfets

Wednesday 8 February 2012 09:00 (15 minutes)

Presenter: SCHWENKER, Benjamin

Session Classification: SVD-PXD: Software (Background, Simulation, Tracking, Alignment, ...)

Contribution ID: **91**

Type: **not specified**

Update on Background Simulation in the PXD

Wednesday 8 February 2012 09:15 (15 minutes)

Presenter: RITTER, Martin

Session Classification: SVD-PXD: Software (Background, Simulation, Tracking, Alignment, ...)

Contribution ID: 92

Type: **not specified**

Silicon-only Track Finding

Wednesday 8 February 2012 09:45 (15 minutes)

Presenter: LETTENBICHLER, Jakob (HEPHY Vienna, Austria)

Session Classification: SVD-PXD: Software (Background, Simulation, Tracking, Alignment, ...)

Contribution ID: 93

Type: **not specified**

Tracking and Vertexing

Wednesday 8 February 2012 10:00 (15 minutes)

Presenter: HECK, Martin

Session Classification: SVD-PXD: Software (Background, Simulation, Tracking, Alignment, ...)

Contribution ID: 94

Type: **not specified**

Directions

Tuesday 7 February 2012 20:00 (1 minute)

Session Classification: Social Event

Contribution ID: **98**

Type: **not specified**

Beam pipe and VXD mockup status at KEK

Tuesday 7 February 2012 14:00 (30 minutes)

Author: Dr TANAKA, Shuji (KEK)

Session Classification: SVD-PXD: Mechanics and Installation

Contribution ID: 99

Type: **not specified**

SVD mechanics status

Tuesday 7 February 2012 14:30 (20 minutes)

Author: GFALL, Immanuel (Austrian Academy of Sciences (AT))

Session Classification: SVD-PXD: Mechanics and Installation

Contribution ID: **100**

Type: **not specified**

PXD mechanics status

Tuesday 7 February 2012 14:50 (20 minutes)

Author: MARTIN, Ritter

Session Classification: SVD-PXD: Mechanics and Installation

Contribution ID: **101**

Type: **not specified**

Discussion

Tuesday 7 February 2012 15:10 (40 minutes)

Session Classification: SVD-PXD: Mechanics and Installation

Contribution ID: **102**

Type: **not specified**

Status of new Compute Node (incl. daughter boards for DATCON)

Wednesday 8 February 2012 10:15 (15 minutes)

Presenter: LIU, Zhen-An

Session Classification: SVD-PXD: Software (Background, Simulation, Tracking, Alignment, ...)

Contribution ID: **103**

Type: **not specified**

Status of FTB

Wednesday 8 February 2012 10:30 (15 minutes)

Presenter: OSTROWICZ, Wacek

Session Classification: SVD-PXD: Software (Background, Simulation, Tracking, Alignment, ...)

Contribution ID: **110**

Type: **not specified**

Status of SVD Simulation: Digitizer and Clustering

Wednesday 8 February 2012 10:45 (15 minutes)

Session Classification: SVD-PXD: Software (Background, Simulation, Tracking, Alignment, ...)

Contribution ID: **111**

Type: **not specified**

SVD Simulation: Digitizer and Clustering

Wednesday 8 February 2012 09:30 (15 minutes)

Presenter: KVASNICKA, Peter

Session Classification: SVD-PXD: Software (Background, Simulation, Tracking, Alignment, ...)

Contribution ID: **112**

Type: **not specified**

PXD Summary

Wednesday 8 February 2012 17:45 (20 minutes)

Presenter: MOSER, Hans-Guenther (MPI fuer Physik)

Session Classification: SVD-PXD: Everything else