

FSP Workshop: Slow pion tracking



Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction remarks

Wednesday, 10 November 2021 09:00 (5 minutes)

Presenter: LANGE, Jens Soeren (BELLE (BELLE II Experiment))

Session Classification: Clustering

Contribution ID: 2

Type: **not specified**

Implementation and Structure for PXD

Tuesday, 9 November 2021 09:00 (20 minutes)

Primary author: KONOROV, Igor (BELLE (BELLE II Experiment))

Presenter: KONOROV, Igor (BELLE (BELLE II Experiment))

Session Classification: DAQ

Contribution ID: 3

Type: **not specified**

Performance of the Belle 2 event builder

Tuesday, 9 November 2021 09:20 (20 minutes)

Primary author: Y. SUZUKI, Soh (KEK)

Presenter: Y. SUZUKI, Soh (KEK)

Session Classification: DAQ

Contribution ID: 4

Type: **not specified**

Performance of the Belle 2 high-level trigger

Tuesday, 9 November 2021 09:40 (20 minutes)

Primary author: ITOH, Ryosuke (BELLE (BELLE II Experiment))

Presenter: ITOH, Ryosuke (BELLE (BELLE II Experiment))

Session Classification: DAQ

Contribution ID: 5

Type: **not specified**

Welcome

Monday, 8 November 2021 14:30 (5 minutes)

Presenter: Prof. PAUL, Stephan

Session Classification: Physics motivation for slow pion reconstruction

Contribution ID: 6

Type: **not specified**

Slow Pions as Flavor Taggers

Monday, 8 November 2021 14:35 (15 minutes)

Presenter: KIESLING, Christian

Session Classification: Physics motivation for slow pion reconstruction

Contribution ID: 7

Type: **not specified**

Slow Pion Reconstruction at HEPHY

Monday, 8 November 2021 15:40 (20 minutes)

Presenter: SCHWANDA, Christoph

Session Classification: Physics motivation for slow pion reconstruction

Contribution ID: 8

Type: **not specified**

Slow Pions for V_{ub} and $R(D^*/D)$

Monday, 8 November 2021 14:50 (15 minutes)

Presenters: BERNLOCHNER, Florian (Belle (SuperKEKB Experiment)); CAO, Lu (BELLE (BELLE Gruppe))

Session Classification: Physics motivation for slow pion reconstruction

Contribution ID: 9

Type: **not specified**

Slow Pions from XYZ States

Monday, 8 November 2021 15:05 (20 minutes)

Presenter: PRENCIPE, Elisabetta

Session Classification: Physics motivation for slow pion reconstruction

Contribution ID: **10**

Type: **not specified**

Slow Leptons for Michel Parameter Determination in tau Decays

Monday, 8 November 2021 15:25 (15 minutes)

Presenter: BODROV, Denis

Session Classification: Physics motivation for slow pion reconstruction

Contribution ID: 11

Type: **not specified**

Status of Clustering on DHH

Wednesday, 10 November 2021 09:05 (30 minutes)

Presenter: KONOROV, Igor (BELLE (BELLE II Experiment))

Session Classification: Clustering

Contribution ID: 12

Type: **not specified**

Neural Network Slow Pion Rescue (Munich Approach)

Wednesday, 10 November 2021 09:35 (55 minutes)

Presenter: KIESLING, Christian (Belle/MPIM (H1 / MPI Muenchen))

Session Classification: Clustering

Contribution ID: 13

Type: **not specified**

Neural Network Slow Pion Rescue (Giessen Approach), PCA

Wednesday, 10 November 2021 11:00 (30 minutes)

Presenter: KÄS, Stephanie (Giessen)

Session Classification: Clustering

Contribution ID: 14

Type: **not specified**

Neural Network Slow Pion Rescue (Giessen Approach), Support Vector Machines

Wednesday, 10 November 2021 11:30 (30 minutes)

Presenter: SCHELLHAAS, Timo (Giessen)

Session Classification: Clustering

Contribution ID: 15

Type: **not specified**

Neural Network Slow Pion Rescue (Giessen Approach), Convolution NN

Wednesday, 10 November 2021 12:00 (30 minutes)

Presenter: BILK, Johannes (Giessen)

Session Classification: Clustering

Contribution ID: **16**

Type: **not specified**

Introduction

Session Classification: Background

Contribution ID: 17

Type: **not specified**

PXD background

Tuesday, 9 November 2021 14:35 (20 minutes)

Presenter: CAO, Lu (BELLE (BELLE Gruppe))

Session Classification: Background

Contribution ID: **18**

Type: **not specified**

High background conditions

Tuesday, 9 November 2021 15:00 (20 minutes)

Presenter: TAKAHASHI, Maiko (BELLE (BELLE II Experiment))

Session Classification: Background

Contribution ID: **19**

Type: **not specified**

Belle II tracking

Tuesday, 9 November 2021 11:00 (20 minutes)

Presenter: LUECK, Thomas (LMU, Belle II)

Session Classification: Belle 2 Tracking Performance

Contribution ID: 20

Type: **not specified**

Possible approaches to silicon-only tracking in HLT

Tuesday, 9 November 2021 11:40 (20 minutes)

Presenter: GERASSIMOV, Sergei (BELLE (BELLE II Experiment))

Session Classification: Belle 2 Tracking Performance

Contribution ID: 21

Type: **not specified**

Belle II hough tracking for the VXD

Tuesday, 9 November 2021 11:20 (20 minutes)

Presenter: WESSEL, Christian (University of Bonn)

Session Classification: Belle 2 Tracking Performance

Contribution ID: 22

Type: **not specified**

Slow Control & Monitoring considerations for PCIe

Wednesday, 10 November 2021 14:00 (20 minutes)

Presenter: SPRUCK, Bjoern (BELLE (BELLE II Experiment))

Session Classification: PXD

Contribution ID: 23

Type: **not specified**

Data rates & Limits of Current System

Tuesday, 9 November 2021 14:00 (20 minutes)

Presenter: SPRUCK, Bjoern (BELLE (BELLE II Experiment))

Session Classification: Background

Contribution ID: 24

Type: **not specified**

Belle II background studies

Tuesday, 9 November 2021 14:25 (5 minutes)

Session Classification: Background