

Belle Analysis Workshop 2024

Report of Contributions

Contribution ID: 1

Type: **not specified**

Belle II India Status

Saturday, 19 October 2024 10:20 (30 minutes)

Presenter: MOHANTY, Gagan (TIFR, Mumbai)

Contribution ID: 2

Type: **not specified**

Belle II Experiment : Detector Overview and Plans

Saturday, 19 October 2024 14:00 (40 minutes)

Presenter: NISHIDA, Shohei (KEK)

Contribution ID: 3

Type: **not specified**

Flavor Physics in CMS

Presenter: Dr GHOSH, Saranya (Indian Institute of Technology Hyderabad)

Contribution ID: 4

Type: **not specified**

Muon g-2 experiment at JPARC

Presenter: Prof. SAMUEL, Deepak (CUK, Karnataka)

Contribution ID: 5

Type: **not specified**

BSM searches in Belle II

Presenter: Prof. SAHOO, Suchismita (CUK, Karnataka)

Contribution ID: 6

Type: **not specified**

Hands on Session on BASF2

Sunday, 20 October 2024 15:30 (1h 30m)

Primary author: MAHARANA, Swarna (BELLE (BELLE II Experiment))

Co-author: CHUTIA, Sourabh (IISER Mohali (Belle (Belle II) Experiment))

Presenter: MAHARANA, Swarna (BELLE (BELLE II Experiment))

Contribution ID: 7

Type: **not specified**

Analysis with Root and Python

Monday, 21 October 2024 16:30 (1h 30m)

Presenter: SHARMA, Gaurav (None)

Contribution ID: 8

Type: **not specified**

Flavor Physics : Theoretical Introduction

Sunday, 20 October 2024 09:30 (1 hour)

Presenter: Prof. DIGHE, Amol (TIFR Mumbai)

Contribution ID: 9

Type: **not specified**

Experimental Status of Semileptonic B meson Decays

Saturday, 19 October 2024 14:40 (40 minutes)

Presenter: BAHINIPATI, Seema (BELLE (BELLE II Experiment))

Contribution ID: **10**

Type: **not specified**

The CDF-II Anomaly and Potential New Physics Explanations

Monday, 21 October 2024 11:30 (1 hour)

Presenter: SRIVASTAVA, Rahul (IMSc)

Contribution ID: 11

Type: **not specified**

Experimental Status of Rare B decays

Presenter: TRABELSI, Karim (TYL - KEK)

Contribution ID: 12

Type: **not specified**

Search for the decay $B^0 \rightarrow \eta \eta$ at Belle and Belle II

Contribution ID: 13

Type: **not specified**

B meson decays to charm baryons

Wednesday, 23 October 2024 12:35 (15 minutes)

Presenter: MAHARANA, Swarna (BELLE (BELLE II Experiment))

Contribution ID: 14

Type: **not specified**

B-> X Ks

Wednesday, 23 October 2024 12:05 (15 minutes)

Presenter: MUDGAL, Neetesh (BELLE (BELLE II Experiment))

Contribution ID: 15

Type: **not specified**

Status of Muon $g-2$ /EDM experiment at JPARC

Saturday, 19 October 2024 15:50 (40 minutes)

Presenter: SAMUEL, Deepak (CUK, Karnataka)

Contribution ID: **16**

Type: **not specified**

Hands on GEANT

Presenter: Prof. SAMUEL, Deepak (CUK, Karnataka)

Contribution ID: 17

Type: **not specified**

All about leptoquarks

Monday, 21 October 2024 14:00 (1 hour)

Presenter: BANDYOPADHYAY, Priyotosh (IIT Hyderabad)

Contribution ID: **18**

Type: **not specified**

B-> X Ks

Presenter: MUDGAL, Neetesh (BELLE (BELLE II Experiment))

Contribution ID: 19

Type: **not specified**

Experimental Review of Charm meson decays

Tuesday, 22 October 2024 10:00 (1 hour)

Presenter: BHARDWAJ, Vishal (IISER Mohali)

Contribution ID: 20

Type: **not specified**

Data Production in Belle II

Monday, 21 October 2024 15:30 (1 hour)

Presenter: GARG, Renu (BELLE (BELLE II Experiment))

Contribution ID: 21

Type: **not specified**

Search for radiative Ds decays in Belle

Wednesday, 23 October 2024 12:20 (15 minutes)

Presenter: IPSITA, N Sushree (BELLE (BELLE II Experiment))

Contribution ID: 22

Type: **not specified**

Semileptonic b-hadron decays

Wednesday, 23 October 2024 10:20 (40 minutes)

Presenter: DAS, Diganta (IIT Hyderabad)

Contribution ID: 23

Type: **not specified**

Flavor Physics in CMS

Wednesday, 23 October 2024 09:40 (40 minutes)

Presenter: GHOSH, Saranya (IIT Hyderabad)

Contribution ID: 24

Type: **not specified**

B->X(3872)K

Wednesday, 23 October 2024 11:50 (15 minutes)

Presenter: CHUTIA, Sourabh (IISER Mohali (Belle (Belle II) Experiment))

Contribution ID: 25

Type: **not specified**

Experimental status of cross-section measurements $e^+e^- \rightarrow \pi^+\pi^-$

Wednesday, 23 October 2024 15:20 (15 minutes)

Presenter: CHETRI, Hriday (BELLE (BELLE II Experiment))

Contribution ID: 26

Type: **not specified**

cross-section measurement for $e^+e^- \rightarrow \pi^+\pi^-$

Wednesday, 23 October 2024 15:05 (15 minutes)

Presenter: SHARMA, Gaurav (None)

Contribution ID: 27

Type: **not specified**

Hands on GEANT

Presenter: Prof. SAMUEL, Deepak (CUK, Karnataka)

Contribution ID: 28

Type: **not specified**

Hands on GEANT

Presenter: Prof. SAMUEL, Deepak (CUK, Karnataka)

Contribution ID: 29

Type: **not specified**

Radiative Penguin B meson decays

Wednesday, 23 October 2024 14:30 (15 minutes)

Presenter: TIWARY, Rahul (BELLE (BELLE II Experiment))

Contribution ID: **30**

Type: **not specified**

$B^+ \rightarrow K^{*+} \omega$

Wednesday, 23 October 2024 13:30 (15 minutes)

Presenter: PRAMANIK, Rajesh (BELLE (BELLE II Experiment))

Contribution ID: **31**

Type: **not specified**

CPV measurements in rare B decay

Wednesday, 23 October 2024 14:15 (15 minutes)

Presenter: MEHTA, Rishabh (BELLE (BELLE II Experiment))

Contribution ID: 32

Type: **not specified**

B meson decays to charm baryons

Presenter: MAHARANA, Swarna (BELLE (BELLE II Experiment))

Contribution ID: 33

Type: **not specified**

Inclusive B \rightarrow D_s

Wednesday, 23 October 2024 13:45 (15 minutes)

Presenter: GAUTAM, Varsha (BELLE (BELLE II Experiment))

Contribution ID: 34

Type: **not specified**

Wrong sign decays in charm meson

Presenter: SHARMA, Chanchal (MNIT Jaipur)

Contribution ID: 35

Type: **not specified**

Bridging Flavor Physics and Effective Field Theories

Sunday, 20 October 2024 11:30 (1 hour)

Presenter: Dr SAHOO, Suchismita (CUK, Karnataka)

Contribution ID: **36**

Type: **not specified**

Hands On ROOT

Presenter: TIWARY, Rahul (BELLE (BELLE II Experiment))

Contribution ID: 37

Type: **not specified**

Hands on RooFit/pyhf

Tuesday, 22 October 2024 16:50 (1h 30m)

Presenter: TIWARY, Rahul (BELLE (BELLE II Experiment))

Contribution ID: **38**

Type: **not specified**

Dark matter: From cosmos to collider

Monday, 21 October 2024 10:00 (1 hour)

Presenter: Prof. SAHU, Narendra (IIT Hyderabad)

Contribution ID: 39

Type: **not specified**

Experimental Status of Semileptonic B meson Decays

Presenter: BAHINIPATI, Seema (BELLE (BELLE II Experiment))

Contribution ID: **40**

Type: **not specified**

Productivity at kekcc

Sunday, 20 October 2024 14:30 (30 minutes)

Efficient way to log into and work at kekcc. Tutorials on ssh, vscode, jupyter, conda. Tips on setting up your own working environment with root etc instead of default kekcc.

Presenter: SHARMA, Gaurav (None)

Contribution ID: 41

Type: **not specified**

Multivariate methods

Tuesday, 22 October 2024 15:20 (1h 30m)

Primary author: MEHTA, Rishabh (BELLE (BELLE II Experiment))

Presenter: MEHTA, Rishabh (BELLE (BELLE II Experiment))

Contribution ID: 42

Type: **not specified**

Introduction to Wilson co-efficients

Sunday, 20 October 2024 10:30 (1 hour)

Presenter: Prof. MOHANTA, Rukmani

Contribution ID: 43

Type: **not specified**

Nuances of Academic Writing

Sunday, 20 October 2024 13:30 (1 hour)

Presenter: DASGUPTA, Sudeshna

Contribution ID: 44

Type: **not specified**

Introduction to Neutrino Physics

Presenter: PRAKASH, Suprabh

Contribution ID: 45

Type: **not specified**

Ethical use of AI in academic writing

Saturday, 19 October 2024 16:30 (30 minutes)

Presenter: NAIR, Shardool

Contribution ID: 46

Type: **not specified**

$B_c \rightarrow D^{(*)} s \mu^+ \mu^-$ decay in an EFT approach

Wednesday, 23 October 2024 14:00 (15 minutes)

Presenter: YADAV, Ajay Kumar (CUK)

Contribution ID: 47

Type: **not specified**

Overview of triggers in HEP detectors

Tuesday, 22 October 2024 11:30 (1 hour)

Presenter: GOMBER, Bhawana (HCU)

Contribution ID: 48

Type: **not specified**

Flavour Model Building: Consequences in the quark and higgs sectors

Saturday, 19 October 2024 11:45 (45 minutes)

Presenter: MONDRAGÓN, Myriam

Contribution ID: 49

Type: **not specified**

Heavy flavor physics with lattice QCD.

Tuesday, 22 October 2024 13:50 (1 hour)

Presenter: NAIR, Padmanath (IMSc)

Contribution ID: 50

Type: **not specified**

Charged Lepton Flavor Violation

Saturday, 19 October 2024 10:50 (30 minutes)

Presenter: SCHMIDT, Michael

Contribution ID: 51

Type: **not specified**

Rare Decays

Wednesday, 23 October 2024 11:20 (30 minutes)

Presenter: GIRI, Anjan (BELLE (BELLE II Experiment))