

11th International Workshop on the CKM Unitarity Triangle (CKM 2021)

Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction

Monday 22 November 2021 17:00 (10 minutes)

Presenter: URQUIJO, Phillip (University of Melbourne (AU))

Session Classification: Plenary Session

Contribution ID: 2

Type: **not specified**

Flavour in Higgs Theory

Monday 22 November 2021 23:15 (19 minutes)

Presenter: SOREQ, Yotam (Technion- Israel Institute of Technology (IL))

Session Classification: WG6

Contribution ID: 3

Type: **not specified**

Higgs to fermions

Monday 22 November 2021 22:00 (25 minutes)

Presenter: WANG, Tao (University of Science and Technology of China (CN))

Session Classification: WG6

Contribution ID: 4

Type: **not specified**

Higgs couplings + CP

Monday 22 November 2021 22:25 (25 minutes)

Presenters: WANG, Jin (Chinese Academy of Sciences (CN)); WANG, Jin

Session Classification: WG6

Contribution ID: 5

Type: **not specified**

Higgs anomalous couplings (FCNC, LFV)

Monday 22 November 2021 22:50 (25 minutes)

Presenter: THOMPSON, Paul (University of Birmingham (GB))

Session Classification: WG6

Contribution ID: 6

Type: **not specified**

Ht, ttH production

Tuesday 23 November 2021 23:34 (25 minutes)

Presenter: CARVALHO ANTUNES DE OLIVEIRA, Alexandra (Tallinn University (KBFI))

Session Classification: WG6

Contribution ID: 7

Type: **not specified**

Theoretical overview on top quark physics

Wednesday 24 November 2021 17:00 (25 minutes)

Presenter: WOREK, Malgorzata Maria (Rheinisch Westfaelische Tech. Hoch. (DE))

Session Classification: WG6

Contribution ID: 8

Type: **not specified**

Single top (Including Vtb,Vts,Vtd)

Wednesday 24 November 2021 17:25 (25 minutes)

Presenter: SOTO RODRIGUEZ, Alejandro (Universidad de Oviedo (ES))

Session Classification: WG6

Contribution ID: 9

Type: **not specified**

Rare top decays (FCNC,CPV)

Wednesday 24 November 2021 17:50 (25 minutes)

Presenter: KAO, Yu-Wei (National Taiwan University (TW))

Session Classification: WG6

Contribution ID: **10**

Type: **not specified**

tV and ttV ($V = W, Z, \gamma$)

Wednesday 24 November 2021 18:15 (25 minutes)

Presenter: LOPEZ SOLIS, Alvaro (Deutsches Elektronen-Synchrotron (DE))

Session Classification: WG6

Contribution ID: **11**

Type: **not specified**

W helicity and top quark polarizations

Wednesday 24 November 2021 18:40 (20 minutes)

Presenter: VREESWIJK, Marcel (Nikhef National institute for subatomic physics (NL))

Session Classification: WG6

Contribution ID: **12**

Type: **not specified**

Models for low-PT anomalies: an overview

Tuesday 23 November 2021 22:00 (25 minutes)

Presenter: GRELJO, Admir (Universitaet Bern (CH))

Session Classification: WG6

Contribution ID: 13

Type: **not specified**

Flavorful leptoquarks at the LHC and beyond: Spin 1

Tuesday 23 November 2021 22:25 (25 minutes)

Presenter: NIŠANDŽIĆ, Ivan (Ruđer Bošković Institute)

Session Classification: WG6

Contribution ID: 14

Type: **not specified**

Leptoquark searches

Tuesday 23 November 2021 22:50 (25 minutes)

Presenter: RAHMAT, Rahmat (University of Iowa (US))

Session Classification: WG6

Contribution ID: 15

Type: **not specified**

BSM searches for low-pt anomalies (except Leptoquarks)

Session Classification: WG6

Contribution ID: **16**

Type: **not specified**

Contact interactions (mainly bsll)

Tuesday 23 November 2021 23:15 (19 minutes)

Presenter: AFIK, Yoav (CERN)

Session Classification: WG6

Contribution ID: 17

Type: **not specified**

Top and Beauty synergies in SMEFT-fits at present and future colliders

Thursday 25 November 2021 22:00 (25 minutes)

Presenter: HILLER, Gudrun (Ludwig-Maximilians-Universitat Munchen)

Session Classification: WG6

Contribution ID: **18**

Type: **not specified**

Lepton Flavour Universality measurements

Thursday 25 November 2021 22:25 (25 minutes)

Presenter: PEZZULLO, Gianantonio (Yale University)

Session Classification: WG6

Contribution ID: **19**

Type: **not specified**

Lepton Flavour Violation measurements

Session Classification: WG6

Contribution ID: 20

Type: **not specified**

EFT interpretation of low-PT results

Thursday 25 November 2021 22:50 (25 minutes)

Presenter: MITSOU, Vasiliki (Univ. of Valencia and CSIC (ES))

Session Classification: WG6

Contribution ID: 22

Type: **not specified**

EFT interpretation of high-PT results

Thursday 25 November 2021 23:15 (19 minutes)

Presenter: SHARMA, Ashish (Indian Institute of Technology Madras (IN))

Session Classification: WG6

Contribution ID: 23

Type: **not specified**

B to D(*) semileptonic decay form factors in LQCD

Thursday 25 November 2021 21:55 (25 minutes)

Presenter: KANEKO, Takashi (KEK)

Session Classification: WG2

Contribution ID: 24

Type: **not specified**

B(s) to D(s)(*) and Bc decays in LQCD

Thursday 25 November 2021 22:20 (25 minutes)

Presenter: HARRISON, Judd (University of Glasgow)

Session Classification: WG2

Contribution ID: 25

Type: **not specified**

Belle II results on B semileptonic decays

Thursday 25 November 2021 22:45 (25 minutes)

Presenter: TOUTOUNJI, Nadia

Session Classification: WG2

Contribution ID: 26

Type: **not specified**

CKM elements measurements with SL B decays at LHCb

Thursday 25 November 2021 23:10 (25 minutes)

Presenter: KHANJI, Basem (Technische Universität Dortmund (DE))

Session Classification: WG2

Contribution ID: 28

Type: **not specified**

B to π/K and B_s to K form factors in LQCD

Thursday 25 November 2021 23:35 (24 minutes)

Presenters: LYTLE, Andrew (University of Illinois at Urbana-Champaign); LYTLE, Andrew (University of Illinois at Urbana-Champaign)

Session Classification: WG2

Contribution ID: 29

Type: **not specified**

Inclusive calculations on LQCD

Tuesday 23 November 2021 19:30 (30 minutes)

Presenters: HASHIMOTO, Shoji (KEK); HASHIMOTO, Shoji (KEK)

Session Classification: WG2

Contribution ID: 30

Type: **not specified**

Inclusive developments

Tuesday 23 November 2021 20:00 (30 minutes)

Presenters: SCHÖNWALD, Kay (Karlsruhe Institute of Technology (KIT)); SCHÖNWALD, Kay (Karlsruhe Institute of Technology (KIT))

Session Classification: WG2

Contribution ID: 31

Type: **not specified**

Latest results in inclusive Vcb

Tuesday 23 November 2021 20:30 (25 minutes)

Presenter: GAMBINO, Paolo (Università di Torino)

Session Classification: WG2

Contribution ID: 32

Type: **not specified**

Belle I and II inclusive B decays

Tuesday 23 November 2021 20:55 (25 minutes)

Presenter: VAN TONDER, Raynette (University of Bonn)

Session Classification: WG2

Contribution ID: 33

Type: **not specified**

Indirect bounds on new physics for $R(D^{(*)})$

Tuesday 23 November 2021 09:00 (30 minutes)

Presenter: GRINSTEIN, Benjamin (Univ. of California San Diego (US))

Session Classification: WG2

Contribution ID: 34

Type: **not specified**

$\bar{B} \rightarrow D^* \ell^- \bar{\nu}_\ell$ Decays: Angular Distributions and New Physics

Tuesday 23 November 2021 09:30 (25 minutes)

Presenter: LONDON, David

Session Classification: WG2

Contribution ID: 35

Type: **not specified**

Semileptonic decays with a tau in the B factories (including prospects)

Tuesday 23 November 2021 09:55 (25 minutes)

Presenter: CHEAIB, Racha (DESY)

Session Classification: WG2

Contribution ID: 36

Type: **not specified**

$|V_{cb}|$ and New Physics

Tuesday 23 November 2021 10:20 (25 minutes)

Presenter: WATANABE, Ryoutaro (INFN Roma Tre)

Session Classification: WG2

Contribution ID: 37

Type: **not specified**

HAMMER

Thursday 25 November 2021 17:00 (25 minutes)

Presenter: PAPUCCI, Michele (California Institute of Technology)

Session Classification: WG2

Contribution ID: **38**

Type: **not specified**

Theory review of B to $D^{(*)}\ell\nu$

Thursday 25 November 2021 17:25 (25 minutes)

Presenter: JUNG, Martin (Università di Torino & INFN)

Session Classification: WG2

Contribution ID: 39

Type: **not specified**

Light-cone Sum Rules predictions for B decays

Thursday 25 November 2021 17:50 (25 minutes)

Presenter: GUBERNARI, Nico (Universität Siegen)

Session Classification: WG2

Contribution ID: 40

Type: **not specified**

Exclusive $|V_{ub}|$ determinations using Padé Approximants

Thursday 25 November 2021 18:15 (10 minutes)

Presenters: GONZALEZ-SOLIS, Sergi (IFAE-UAB); GONZALEZ-SOLIS, Sergi; GONZALEZ-SOLIS, Sergi (Institute of Theoretical Physics, CAS)

Session Classification: WG2

Contribution ID: 41

Type: **not specified**

Discussion on inclusive vs exclusive CKM discrepancies

Thursday 25 November 2021 18:25 (35 minutes)

Presenter: BERNLOCHNER, Florian Urs (University of Bonn (DE))

Session Classification: WG2

Contribution ID: 42

Type: **not specified**

$R(D^{(*)})$ at LHCb + news from anomalies workshop from LHCb

Thursday 25 November 2021 19:30 (25 minutes)

Presenter: SCANTLEBURY SMEAD, Luke George (University of Oxford (GB))

Session Classification: WG2&3

Contribution ID: 43

Type: **not specified**

$R(D^{(*)})$ at Belle II and b factories

Session Classification: WG2&3

Contribution ID: 44

Type: **not specified**

$R(K^*)$ at LHCb and Belle II

Thursday 25 November 2021 19:55 (25 minutes)

Presenter: QUAGLIANI, Renato (EPFL - Ecole Polytechnique Federale Lausanne (CH))

Session Classification: WG2&3

Contribution ID: 45

Type: **not specified**

QED corrections: open challenges

Thursday 25 November 2021 20:20 (25 minutes)

Presenter: SZAFRON, Robert (Brookhaven National Laboratory)

Session Classification: WG2&3

Contribution ID: 46

Type: **not specified**

On the $R(K^{(*)})$ theory error

Thursday 25 November 2021 20:45 (20 minutes)

Presenter: NABEEBACCUS, Saad (IJCLab)

Session Classification: WG2&3

Contribution ID: 48

Type: **not specified**

Inclusive observables in B and D meson semileptonic decays

Tuesday 23 November 2021 17:30 (30 minutes)

Presenters: FAEL, Matteo (KIT Karlsruhe); FAEL, Matteo (University of Zurich)

Session Classification: WG1&2

Contribution ID: 49

Type: **not specified**

Exclusive B-meson semileptonic decays from unitarity and lattice QCD

Tuesday 23 November 2021 18:00 (30 minutes)

Presenters: SIMULA, Silvano (INFN); SIMULA, Silvano (INFN - Sezione di Roma Tre)

Session Classification: WG1&2

Contribution ID: 50

Type: **not specified**

Semileptonic decays of Λ_b 's and Λ_c 's to negative-parity baryons

Tuesday 23 November 2021 17:00 (30 minutes)

Presenter: RENDÓN, Gumaro

Session Classification: WG1&2

Contribution ID: 51

Type: **not specified**

HFLAV overview

Wednesday 24 November 2021 21:45 (25 minutes)

Presenter: EGEDE, Ulrik (Monash University (AU))

Session Classification: WG2&4&5

Contribution ID: 52

Type: **not specified**

Results from CKMfitter

Wednesday 24 November 2021 22:10 (20 minutes)

Presenter: QIAN, Wenbin (University of Chinese Academy of Sciences (CN))

Session Classification: WG2&4&5

Contribution ID: 53

Type: **not specified**

General B decays theory

Wednesday 24 November 2021 22:50 (25 minutes)

Presenters: HUBER, Tobias (University of Maryland & NIST); HUBER, Tobias (University of Siegen)

Session Classification: WG2&4&5

Contribution ID: 54

Type: **not specified**

New ideas on CKM angle α measurements

Wednesday 24 November 2021 23:15 (25 minutes)

Presenter: DALSENO, Jeremy Peter (Universidade de Santiago de Compostela (ES))

Session Classification: WG2&4&5

Contribution ID: 56

Type: **not specified**

Puzzles in the $B_s \rightarrow D_s K$ system

Wednesday 24 November 2021 23:40 (19 minutes)

Presenter: MALAMI, Eleftheria (Nikhef)

Session Classification: WG2&4&5

Contribution ID: 57

Type: **not specified**

Search for baryon CP violation at LHCb

Thursday 25 November 2021 19:55 (25 minutes)

Presenter: BARTOLINI, Matteo (University of Cambridge (GB))

Session Classification: WG5

Contribution ID: 58

Type: **not specified**

CP violation measurements with two-body charmless B decays at LHCb

Wednesday 24 November 2021 09:00 (25 minutes)

Presenter: MANUZZI, Daniele (Universita e INFN, Bologna (IT))

Session Classification: WG5

Contribution ID: 59

Type: **not specified**

CP violation and branching fraction measurements of three-body charmless B decays at LHCb

Wednesday 24 November 2021 09:25 (25 minutes)

Presenter: TORRES MACHADO, Diego (CBPF - Brazilian Center for Physics Research (BR))

Session Classification: WG5

Contribution ID: 60

Type: **not specified**

Gamma measurements in ADS and GLW(-like) decays at LHCb

Monday 22 November 2021 22:25 (25 minutes)

Presenter: SULJIK, Fidan (University of Oxford (GB))

Session Classification: WG5

Contribution ID: 61

Type: **not specified**

Gamma measurements in BPGGSZ decays and search for Bc decays into two charmed mesons

Monday 22 November 2021 22:50 (25 minutes)

Presenter: BROSSA GONZALO, Arnau (University of Warwick (GB))

Session Classification: WG5

Contribution ID: 62

Type: **not specified**

f_L measurements with $B \rightarrow VV$ decays at LHCb

Thursday 25 November 2021 20:20 (25 minutes)

Presenter: PEREIRO CASTRO, Asier (Universidade de Santiago de Compostela (ES))

Session Classification: WG5

Contribution ID: 63

Type: **not specified**

Strong phase measurements at BESIII

Thursday 25 November 2021 20:45 (19 minutes)

Presenter: SHAN, Xinyu (University of Science and Technology of China)

Session Classification: WG5

Contribution ID: 64

Type: **not specified**

Latest measurements of the CKM angle γ/ϕ_3 at Belle

Monday 22 November 2021 23:15 (25 minutes)

Presenter: BAHINIPATI, Seema (Indian Institute Of Technology Bhubaneswar)

Session Classification: WG5

Contribution ID: 65

Type: **not specified**

Charmless B decay measurements at Belle

Wednesday 24 November 2021 09:50 (25 minutes)

Presenters: LAI, Yun-Tsung (KEK); LAI, Yun-Tsung; LAI, Yun-Tsung (National Taiwan University (TW))

Session Classification: WG5

Contribution ID: 66

Type: **not specified**

First results of $B \rightarrow DK$ decays at Belle II

Monday 22 November 2021 23:40 (19 minutes)

Presenter: ROUT, Niharika (IIT Madras, India)

Session Classification: WG5

Contribution ID: 67

Type: **not specified**

Charmless B decay measurements at Belle II

Wednesday 24 November 2021 10:15 (25 minutes)

Presenter: HAZRA, SAGAR (Tata Institute of Fundamental Research)

Session Classification: WG5

Contribution ID: **68**

Type: **not specified**

Overview of CP violation in baryons

Presenter: DURIEUX, Gauthier (CERN)

Session Classification: WG5

Contribution ID: 69

Type: **not specified**

New ideas on gamma / phi3 measurements

Monday 22 November 2021 22:00 (25 minutes)

Presenter: POLUEKTOV, Anton (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France)

Session Classification: WG5

Contribution ID: 70

Type: **not specified**

NP in $B^0(s) \rightarrow D^{(*)}(s) K / \pi$

Thursday 25 November 2021 19:30 (25 minutes)

Presenter: IGURO, Syuhei (Nagoya University)

Session Classification: WG5

Contribution ID: 76

Type: **not specified**

Results and prospects of charm mixing and CP violation at BESIII

Tuesday 23 November 2021 22:25 (25 minutes)

Presenter: LIBBY, James (Indian Institute of Technology Madras)

Session Classification: WG7

Contribution ID: 77

Type: **not specified**

Early charm results and prospects at Belle II

Tuesday 23 November 2021 23:15 (25 minutes)

Presenter: PRELL, Soeren Andre (Iowa State University (US))

Session Classification: WG7

Contribution ID: 78

Type: **not specified**

Status of Direct CPV Searches in Charm at LHCb

Monday 22 November 2021 22:50 (25 minutes)

Presenter: CONTU, Andrea (INFN)

Session Classification: WG7

Contribution ID: **80**

Type: **not specified**

Null test BSM searches with rare charm baryon decays

Wednesday 24 November 2021 23:15 (25 minutes)

Presenter: GOLZ, Marcel

Session Classification: WG7

Contribution ID: **81**

Type: **not specified**

Theoretical aspects on charm mixing

Tuesday 23 November 2021 22:00 (25 minutes)

Presenters: UMEEDA, Hiroyuki (Academia Sinica); UMEEDA, Hiroyuki

Session Classification: WG7

Contribution ID: 82

Type: **not specified**

Charm mixing and Charm Lifetimes

Wednesday 24 November 2021 22:25 (25 minutes)

Presenters: LAURA PISCOPO, Maria; PISCOPO, Maria Laura (IPPP)

Session Classification: WG7

Contribution ID: **84**

Type: **not specified**

Measurements of α , β , φ_s and B meson lifetime properties at LHCb

Tuesday 23 November 2021 17:00 (25 minutes)

Presenter: RUIZ FERNANDEZ, Ramon Angel (IGFAE)

Session Classification: WG4

Contribution ID: 85

Type: **not specified**

Time-dependent measurements of γ and Δm_s at LHCb

Tuesday 23 November 2021 17:25 (25 minutes)

Presenter: LUPATO, Anna (University of Manchester (GB))

Session Classification: WG4

Contribution ID: 86

Type: **not specified**

Measurements of CP violation and lifetime properties of B mesons at ATLAS

Tuesday 23 November 2021 17:50 (25 minutes)

Presenter: NOVOTNY, Lukas (Czech Technical University in Prague (CZ))

Session Classification: WG4

Contribution ID: 87

Type: **not specified**

Measurements of CP violation and lifetime properties of B mesons at CMS

Tuesday 23 November 2021 18:15 (25 minutes)

Presenter: MUHAMMAD, Alibordi (Indian Institute of Technology Madras (IN))

Session Classification: WG4

Contribution ID: **88**

Type: **not specified**

Mixing and mixing related CP violation in B system

Tuesday 23 November 2021 18:40 (20 minutes)

Presenter: HUMAIR, Thibaud (Max Planck Society (DE))

Session Classification: WG4

Contribution ID: **89**

Type: **not specified**

Lattice QCD

Wednesday 24 November 2021 19:30 (25 minutes)

Presenter: TSANG, J Tobias (CP3-Origins, The University of Southern Denmark)

Session Classification: WG4

Contribution ID: 90

Type: **not specified**

Flavour specific decay B_s to $D_{s^+} \pi^-$ for BSM searches via flavour specific CP asymmetries

Wednesday 24 November 2021 19:55 (25 minutes)

Presenter: RUSOV, Aleksey (University of Durham)

Session Classification: WG4

Contribution ID: 91

Type: **not specified**

QCD corrections to Delta Gamma_s

Wednesday 24 November 2021 20:20 (25 minutes)

Presenters: SHTABOVENKO, Vladyslav; SHTABOVENKO, Vladyslav (Ludwig-Maximilians-Univ. Muenchen (DE)); SHTABOVENKO, Vladyslav (TUM); SHTABOVENKO, Vladyslav (KIT)

Session Classification: WG4

Contribution ID: 92

Type: **not specified**

New physics in B mixing

Wednesday 24 November 2021 20:45 (25 minutes)

Presenter: VALE SILVA, Luiz

Session Classification: WG4

Contribution ID: 93

Type: **not specified**

B to J/ψ K penguin pollution

Wednesday 24 November 2021 21:10 (19 minutes)

Presenter: DE BRUYN, Kristof Antoon M (University of Groningen)

Session Classification: WG4

Contribution ID: 94

Type: **not specified**

Results on rare $b \rightarrow sll$ decays [LHCb]

Monday 22 November 2021 22:00 (25 minutes)

Presenter: KREPS, Michal (University of Warwick (GB))

Session Classification: WG3

Contribution ID: 95

Type: **not specified**

Very rare B decays

Tuesday 23 November 2021 19:55 (25 minutes)

Presenter: DETTORI, Francesco (Universita e INFN, Cagliari (IT))

Session Classification: WG3

Contribution ID: 96

Type: **not specified**

Rare B decays at CMS and ATLAS

Tuesday 23 November 2021 19:30 (25 minutes)

Presenter: REZNICEK, Pavel (Charles University (CZ))

Session Classification: WG3

Contribution ID: 97

Type: **not specified**

EWP decays with missing energy and LFV at Belle II

Monday 22 November 2021 22:25 (25 minutes)

Presenter: LUO, TAO (University of Pittsburgh)

Session Classification: WG3

Contribution ID: **98**

Type: **not specified**

Model building for rare B-decay anomalies

Tuesday 23 November 2021 20:45 (20 minutes)

Presenter: CORNELLA, Claudia

Session Classification: WG3

Contribution ID: 99

Type: **not specified**

Radiative B decays at Belle II

Wednesday 24 November 2021 20:20 (25 minutes)

Presenters: ROEHRKEN, Markus (Karlsruhe Institute of Technology); ROEHRKEN, Markus (California Institute of Technology); ROEHRKEN, Markus (CERN)

Session Classification: WG3

Contribution ID: **100**

Type: **not specified**

Radiative B decays at LHCb

Wednesday 24 November 2021 19:55 (25 minutes)

Presenter: MARIN BENITO, Carla (CERN)

Session Classification: WG3

Contribution ID: **101**

Type: **not specified**

Wilson coefficients and global fits

Tuesday 23 November 2021 20:20 (25 minutes)

Presenter: STANGL, Peter (University of Bern)

Session Classification: WG3

Contribution ID: **107**

Type: **not specified**

Review of K->pinunu

Thursday 25 November 2021 22:00 (25 minutes)

Presenter: TUNG, Yu-Chen (National Taiwan University)

Session Classification: WG3

Contribution ID: **108**

Type: **not specified**

Rare K decays

Thursday 25 November 2021 22:25 (25 minutes)

Presenter: GOUDZOVSKI, Evgueni (University of Birmingham)

Session Classification: WG3

Contribution ID: **109**

Type: **not specified**

$\epsilon\epsilon'$ / $\epsilon\epsilon$ in the SM & beyond

Thursday 25 November 2021 23:15 (25 minutes)

Presenter: BURAS, Andrzej (Technical University Munich)

Session Classification: WG3

Contribution ID: **110**

Type: **not specified**

K⁻→π⁰νν̄ and B anomalies

Thursday 25 November 2021 23:40 (19 minutes)

Presenters: MARZOCCA, David (INFN Trieste); MARZOCCA, David

Session Classification: WG3

Contribution ID: **111**

Type: **not specified**

V_{ud} from nuclear decays

Tuesday 23 November 2021 09:25 (25 minutes)

Presenter: IACOB, Victor E.

Session Classification: WG1

Contribution ID: 112

Type: **not specified**

Recent Results from UCNTau and implication for Vud

Tuesday 23 November 2021 23:15 (25 minutes)

Presenters: LIU, Chen-Yu (Indiana University); GONZALEZ-ALONSO, Martin (CERN)

Session Classification: WG1

Contribution ID: **113**

Type: **not specified**

New Physics in $d(s) \rightarrow u\ell\nu$

Tuesday 23 November 2021 09:00 (25 minutes)

Presenter: FALKOWSKI, Adam (LPT Orsay)

Session Classification: WG1

Contribution ID: 114

Type: **not specified**

Lattice input for neutron & nuclear β decay

Tuesday 23 November 2021 23:40 (19 minutes)

Presenter: NICHOLSON, Amy (University of North Carolina at Chapel Hill)

Session Classification: WG1

Contribution ID: 115

Type: **not specified**

Mirror transitions within and beyond the SM

Tuesday 23 November 2021 22:00 (25 minutes)

Presenters: NAVILIAT-CUNCIC, Oscar (Michigan State University); NAVILIAT-CUNCIC, Oscar (LPC Caen)

Session Classification: WG1

Contribution ID: **116**

Type: **not specified**

V_{ud} from neutron decay

Tuesday 23 November 2021 22:25 (25 minutes)

Presenters: MAERKISCH, Bastian (Universität Heidelberg); GONZALEZ-ALONSO, Martin (CERN); GONZALEZ-ALONSO, Martin (Universidad de Valencia)

Session Classification: WG1

Contribution ID: **117**

Type: **not specified**

Lattice input for the extraction of V_{ud} , V_{us} , V_{cd} and V_{cs}

Tuesday 23 November 2021 20:45 (20 minutes)

Presenters: GAMIZ, Elvira (University of Illinois); GAMIZ, Elvira (University of Illinois); GAMIZ, Elvira (Fermilab); GAMIZ, Elvira (University of Granada)

Session Classification: WG1

Contribution ID: **118**

Type: **not specified**

Radiative corrections to extract V_{ud}

Tuesday 23 November 2021 22:50 (25 minutes)

Presenters: GONZALEZ-ALONSO, Martin (CERN); GORCHTEIN, Mikhail

Session Classification: WG1

Contribution ID: **119**

Type: **not specified**

Vus from Kaons

Tuesday 23 November 2021 19:30 (25 minutes)

Presenters: MOULSON, Matthew David; MOULSON, Matthew (Physics Dept.Pupin Phys.Lab.); MOULSON, Matthew (INFN e Laboratori Nazionali di Frascati (IT))

Session Classification: WG1

Contribution ID: **120**

Type: **not specified**

Radiative corrections to K_{e3} decays

Tuesday 23 November 2021 20:20 (25 minutes)

Presenter: SENG, Chien Yeah (Bonn University)

Session Classification: WG1

Contribution ID: **121**

Type: **not specified**

Lattice Calculations for Radiative corrections for Kl_2/Pil_2

Tuesday 23 November 2021 19:55 (25 minutes)

Presenters: TANTALO, Nazario; TANTALO, Nazario; TANTALO, Nazario (Universita e INFN Roma Tor Vergata (IT))

Session Classification: WG1

Contribution ID: **122**

Type: **not specified**

BSM searches with (semi)leptonic charm decays

Thursday 25 November 2021 17:50 (25 minutes)

Presenters: FAJFER, S (Univ. of Ljubljana and Inst. J. Stefan); FAJFER, Svjetlana

Session Classification: WG1

Contribution ID: **123**

Type: **not specified**

Vus, Vcd and Vcs at Belle II

Thursday 25 November 2021 17:00 (25 minutes)

Presenters: KUMAR, Jitendra (IIT Bombay); KUMAR, Jitendra (Carnegie Mellon University, Pittsburgh, US); KUMAR, Jitendra (CMU, Pittsburgh); KUMAR, Jitendra; KUMAR, Jitendra (IIT Bombay)

Session Classification: WG1

Contribution ID: **124**

Type: **not specified**

Charm decays at LHCb

Thursday 25 November 2021 18:15 (25 minutes)

Presenter: HENRY, Louis (CERN)

Session Classification: WG1

Contribution ID: 125

Type: **not specified**

Charm decays at BESIII

Thursday 25 November 2021 17:25 (25 minutes)

Presenter: SHANGGUAN, Jianfeng

Session Classification: WG1

Contribution ID: 126

Type: **not specified**

LQCD status of $\epsilon\pi^0/\epsilon\pi$, $\epsilon\pi^0 \rightarrow \pi^0\pi^0$

Thursday 25 November 2021 22:50 (25 minutes)

Presenter: BRUNO, Mattia (CERN)

Session Classification: WG3

Contribution ID: **127**

Type: **not specified**

Progress in theory on rare decays

Monday 22 November 2021 17:10 (35 minutes)

Presenters: ALTMANNSHOFER, Wolfgang (UC Santa Cruz); ALTMANNSHOFER, Wolfgang (Fermilab); ALTMANNSHOFER, wolfgang

Session Classification: Plenary Session

Contribution ID: **128**

Type: **not specified**

Overview of Charm Physics

Monday 22 November 2021 17:45 (35 minutes)

Presenter: DONG, Liaoyuan

Session Classification: Plenary Session

Contribution ID: **129**

Type: **not specified**

Progress in Lattice QCD for CKM Physics

Monday 22 November 2021 18:20 (35 minutes)

Presenter: MEINEL, Stefan (University of Arizona)

Session Classification: Plenary Session

Contribution ID: **130**

Type: **not specified**

Progress in theory on CP violation and CKM

Monday 22 November 2021 19:30 (35 minutes)

Presenter: VOS, Keri (Universiteit Maastricht (NL))

Session Classification: Plenary Session

Contribution ID: **131**

Type: **not specified**

Present and future CKM studies from B physics at e^+e^- colliders

Monday 22 November 2021 20:05 (35 minutes)

Presenter: GAZ, Alessandro

Session Classification: Plenary Session

Contribution ID: **132**

Type: **not specified**

Present and future CKM studies from B physics at the LHC

Monday 22 November 2021 20:40 (35 minutes)

Presenter: TUNING, Niels (Nikhef National institute for subatomic physics (NL))

Session Classification: Plenary Session

Contribution ID: 133

Type: **not specified**

Progress in theory on new physics and flavour-highT interplay (top, Higgs, flavour at high pT)

Monday 22 November 2021 21:15 (35 minutes)

Presenters: F. KAMENIK, Jernej; FESEL KAMENIK, Jernej (Jozef Stefan Institute (SI)); KAMENIK, Jernej (INFN LNF)

Session Classification: Plenary Session

Contribution ID: 134

Type: **not specified**

Rare $b \rightarrow sll$ decays: progress on QCD uncertainties

Monday 22 November 2021 22:50 (25 minutes)

Presenters: VAN DYK, Danny; VAN DYK, Danny (TU München)

Session Classification: WG3

Contribution ID: 135

Type: **not specified**

Searching for New Physics in Rare K and B Decays without $|V_{cb}|$ and $|V_{ub}|$ Uncertainties

Monday 22 November 2021 23:15 (20 minutes)

Presenter: VENTURINI, Elena

Session Classification: WG3

Contribution ID: 136

Type: **not specified**

Towards $B \rightarrow X_s \gamma$ at the NNLO in QCD without interpolation in m_c

Wednesday 24 November 2021 19:30 (25 minutes)

Presenters: REHMAN, Abdur (National Centre for Physics, Islamabad); ABDUR REHMAN, Abdur Rehman (National Centre for Physics (PK))

Session Classification: WG3

Contribution ID: 137

Type: **not specified**

Status of Mixing and Indirect CPV Searches in Charm at LHCb

Tuesday 23 November 2021 22:50 (25 minutes)

Presenters: CERVENKOV, Daniel (University of Oxford (GB)); CERVENKOV, Daniel (Charles University in Prague)

Session Classification: WG7

Contribution ID: **138**

Type: **not specified**

Direct CPV in charm decays

Tuesday 23 November 2021 23:40 (19 minutes)

Presenter: DERY, Avital (Weizmann Institute of Science (IL))

Session Classification: WG7

Contribution ID: **139**

Type: **not specified**

Direct CP Violation in Charmed Meson Decays

Monday 22 November 2021 22:00 (25 minutes)

Presenter: CHENG, Hai-Yang (Academia Sinica)

Session Classification: WG7

Contribution ID: **140**

Type: **not specified**

Direct CPV searches in charm at Belle

Monday 22 November 2021 22:25 (25 minutes)

Presenter: LI, Longke (Univ. of Cincinnati)

Session Classification: WG7

Contribution ID: **141**

Type: **not specified**

CP violation in Charm and other broken symmetries

Monday 22 November 2021 23:15 (25 minutes)

Presenters: PAUL, Ayan (INFN, Sezione di Roma); PAUL, Ayan (INFN, Sezione di Roma); PAUL, Ayan (DESY, Hamburg and Humboldt Universität zu Berlin)

Session Classification: WG7

Contribution ID: 142

Type: **not specified**

SMEFT interpretation of $\Delta F = 2$ transitions

Wednesday 24 November 2021 22:00 (25 minutes)

Presenters: AEBISCHER, Jason (TUM); AEBISCHER, Jason (University of Bern); AEBISCHER, Jason

Session Classification: WG7

Contribution ID: **143**

Type: **not specified**

HFLAV Update on Charm mixing and CPV

Wednesday 24 November 2021 22:50 (25 minutes)

Presenter: SCHWARTZ, Alan (University of Cincinnati (US))

Session Classification: WG7

Contribution ID: **144**

Type: **not specified**

WG1 Summary

Friday 26 November 2021 17:00 (35 minutes)

Presenters: PASSEMAR, Emilie; LI, Lei (Beijing Institute of Petrochemical Technology); GONZALEZ-ALONSO, Martin (Universidad de Valencia)

Session Classification: Plenary Session

Contribution ID: **145**

Type: **not specified**

WG2 Summary

Friday 26 November 2021 17:35 (35 minutes)

Presenters: VAQUERO AVILÉS-CASCO, Alejandro (University of Utah); SMITH, Mark (Imperial College (GB)); CHEAIB, Racha (DESY)

Session Classification: Plenary Session

Contribution ID: **146**

Type: **not specified**

WG3 Summary

Friday 26 November 2021 18:10 (35 minutes)

Presenters: LANGENBRUCH, Christoph Michael (Rheinisch Westfaelische Tech. Hoch. (DE)); GUADAGNOLI, Diego (LAPTh Annecy); MANONI, Elisa (Universita e INFN, Perugia (IT))

Session Classification: Plenary Session

Contribution ID: **147**

Type: **not specified**

WG4 Summary

Friday 26 November 2021 19:15 (35 minutes)

Presenters: WINGATE, Matthew; CHOBANOVA, Veronika Georgieva (Universidade de Santiago de Compostela (ES)); YUSA, Yosuke

Session Classification: Plenary Session

Contribution ID: **148**

Type: **not specified**

WG5 Summary

Friday 26 November 2021 19:50 (35 minutes)

Presenters: BROD, Joachim (University of Cincinnati); PUTHUMANAILLAM, Resmi (Aix Marseille Univ, CNRS/IN2P3, CPPM, Marseille, France); QIAN, Wenbin (University of Chinese Academy of Sciences (CN))

Session Classification: Plenary Session

Contribution ID: **149**

Type: **not specified**

WG6 Summary

Friday 26 November 2021 21:00 (35 minutes)

Presenters: KOMM, Matthias (CERN); DE SANCTIS, Umberto (INFN e Universita Roma Tor Vergata (IT))

Session Classification: Plenary Session

Contribution ID: **150**

Type: **not specified**

WG7 Summary

Friday 26 November 2021 21:35 (35 minutes)

Presenter: DAVIS, Adam (University of Manchester (GB))

Session Classification: Plenary Session

Contribution ID: **151**

Type: **not specified**

Closing

Friday 26 November 2021 22:10 (10 minutes)

Presenters: URQUIJO, Phillip (University of Melbourne (AU)); GERSHON, Timothy (University of Warwick (GB))

Session Classification: Plenary Session

Contribution ID: **152**

Type: **not specified**

Rare D decays at LHCb

Presenter: BRUNDU, Davide (Universita e INFN, Cagliari (IT))

Session Classification: WG3&7

Contribution ID: **153**

Type: **not specified**

Rare D decays at BES III

Presenters: SUN, Liang (Wuhan University (CN)); SUN, Liang (Chinese Academy of Sciences (CN))

Session Classification: WG3&7

Contribution ID: 154

Type: **not specified**

Rare charm decays in theory

Presenter: HILLER, Gudrun (Ludwig-Maximilians-Universitat Munchen)

Session Classification: WG3&7

Contribution ID: 155

Type: **not specified**

Rare D decays at LHCb

Wednesday 24 November 2021 20:45 (25 minutes)

Presenter: BRUNDU, Davide (Universita e INFN, Cagliari (IT))

Session Classification: WG3

Contribution ID: **156**

Type: **not specified**

Rare D decays at BES III

Wednesday 24 November 2021 21:10 (25 minutes)

Presenters: SUN, Liang (Wuhan University (CN)); SUN, Liang (Chinese Academy of Sciences (CN))

Session Classification: WG3

Contribution ID: **157**

Type: **not specified**

Results from UTfit

Wednesday 24 November 2021 22:30 (20 minutes)

Presenter: FERRARI, Fabio (University of Bologna and INFN (IT))

Session Classification: WG2&4&5