Heavy Quarks and Leptons 2018

Report of Contributions

https://conference-indico.kek.jp/e/40

Contribution ID: **5** Type: **not specified**

CP violation in non-leptonic two and three-body B decays

Monday, 28 May 2018 09:00 (30 minutes)

Presenter: VOS, Keri (University Siegen)

Session Classification: CP Violation

Contribution ID: **6** Type: **not specified**

CP violation in beauty decays (LHCb)

Monday, 28 May 2018 09:30 (20 minutes)

Presenter: CHOBANOVA, Veronika (University of Santiago de Compostela)

Session Classification: CP Violation

Contribution ID: **9** Type: **not specified**

Study of CP violation in B meson decays (Belle)

Monday, 28 May 2018 09:50 (20 minutes)

Presenter: YUSA, Yosuke (Niigata University)

Session Classification: CP Violation

Contribution ID: **10** Type: **not specified**

Precise measurements of CP violation in B decays at Belle II

Monday, 28 May 2018 10:40 (20 minutes)

Presenter: OBERHOF, Benjamin (INFN Frascati)

Session Classification: CP Violation

Contribution ID: **11** Type: **not specified**

Charmless b decays (LHCb)

Monday, 28 May 2018 11:00 (20 minutes)

Presenter: DALSENO, Jeremy (University of Santiago de Compostela)

Session Classification: CP Violation

Contribution ID: **12** Type: **not specified**

Study of Charmless Hadronic B Decays and rare D Decays at Belle

Monday, 28 May 2018 11:20 (20 minutes)

Presenter: ATMACAN, Hulya (University of Cincinnati)

Session Classification: CP Violation

Contribution ID: **13** Type: **not specified**

Flavour anomalies: where we are and where we go

Monday, 28 May 2018 14:00 (30 minutes)

Presenter: MATIAS, Joaquim (Autonomous University of Barcelona)

Session Classification: Rare Decay

Contribution ID: **14** Type: **not specified**

Rare Decays; including angular analysis of Bd->K*mu mu with ATLAS

Monday, 28 May 2018 14:30 (20 minutes)

Presenter: BEVAN, Adrian (Queen Mary University of London)

Session Classification: Rare Decay

Contribution ID: **15** Type: **not specified**

Rare decays at CMS

Monday, 28 May 2018 14:50 (20 minutes)

Presenter: PIEDRA GOMEZ, Jonatan (University of Cantabria)

Session Classification: Rare Decay

Contribution ID: **16** Type: **not specified**

Rare b and c decays at LHCb

Monday, 28 May 2018 15:10 (20 minutes)

Presenter: PAIS, Preema (University of Massachusetts Amherst)

Session Classification: Rare Decay

Contribution ID: **17** Type: **not specified**

Study of Radiative and Electroweak Penguin Decays at Belle

Monday, 28 May 2018 16:00 (20 minutes)

Presenter: TANIGUCHI, Nanae (KEK IPNS)

Session Classification: Rare Decay

Contribution ID: **18** Type: **not specified**

Physics cases of rare B meson decays at Belle II

Monday, 28 May 2018 16:20 (20 minutes)

Presenter: NAKAMURA, Katsuro (KEK IPNS)

Session Classification: Rare Decay

Contribution ID: **20** Type: **not specified**

CEPC Design Status

Monday, 28 May 2018 16:40 (25 minutes)

Presenter: WANG, Dou (IHEP Beijing)

Session Classification: New/Future experiment

Contribution ID: **21** Type: **not specified**

Status and Physics at ILC

Monday, 28 May 2018 17:05 (25 minutes)

Presenter: YAMAMOTO, Hitoshi (Tohoku University)

Session Classification: New/Future experiment

Contribution ID: **22** Type: **not specified**

Associated production of a top-antitop pair with a heavy boson at NLO+NNLL accuracy

Tuesday, 29 May 2018 08:30 (30 minutes)

Presenter: BROGGIO, Alessandro (TUM)

Session Classification: Top

Contribution ID: **23** Type: **not specified**

Searches for rare top processes, vector-like quarks, and third generation SUSY at ATLAS/CMS (ATLAS speaker)

Tuesday, 29 May 2018 09:00 (25 minutes)

Presenter: VALERY, Loic (DESY)

Session Classification: Top

Contribution ID: **24** Type: **not specified**

Highlights of top quark production measurements at ATLAS/CMS (ATLAS speaker)

Tuesday, 29 May 2018 09:25 (25 minutes)

Presenter: SHIMIZU, Shima (Kobe University)

Session Classification: Top

Contribution ID: **25** Type: **not specified**

Highlight of top quark properties measurements at ATLAS/CMS (CMS speaker)

Tuesday, 29 May 2018 09:50 (25 minutes)

Presenter: KUMAR MAL, Prolay (NISER)

Session Classification: Top

Contribution ID: **26** Type: **not specified**

Associated top quark production at the ATLAS/CMS (CMS speaker)

Tuesday, 29 May 2018 10:45 (25 minutes)

Presenter: BROCHERO CIFUENTES, Javier (Ciemat)

Session Classification: Top

Contribution ID: **32** Type: **not specified**

Recent status of neutrino phenomenology

Tuesday, 29 May 2018 14:00 (30 minutes)

Presenter: YASUDA, Osamu (Tokyo Metropolitan University)

Session Classification: Neutrino

Contribution ID: **33** Type: **not specified**

Oscillation and Cross-section Results from T2K

Tuesday, 29 May 2018 14:30 (25 minutes)

Presenter: ZSOLDOS, Stephane (Queen Mary University of London)

Session Classification: Neutrino

Contribution ID: **34** Type: **not specified**

Precise measurement of neutrino mixing parameters and search for light sterile neutrinos (Daya Bay)

Tuesday, 29 May 2018 14:55 (25 minutes)

Presenter: HU, Zhuojun (Sun Yat-Sen University)

Session Classification: Neutrino

Contribution ID: **35** Type: **not specified**

Precise measurement of absolute flux and spectrum of reactor neutrinos (Daya Bay)

Tuesday, 29 May 2018 15:20 (15 minutes)

Presenter: HE, Miao (IHEP Beijing)

Session Classification: Neutrino

Contribution ID: **36** Type: **not specified**

Results from the Double Chooz experiment

Tuesday, 29 May 2018 16:05 (20 minutes)

Presenter: KANEDA, Michiru (Tokyo Institute of Technology)

Session Classification: Neutrino

Contribution ID: **37** Type: **not specified**

Recent Results from RENO

Tuesday, 29 May 2018 16:25 (20 minutes)

Presenter: SHIN, ChangDong (Chonnam National University)

Session Classification: Neutrino

Contribution ID: **38** Type: **not specified**

The New Muon g-2 Experiment at Fermilab: Commissioning and First Physics Data Taking

Friday, 1 June 2018 14:25 (25 minutes)

Presenter: STAPLETON, James (Fermilab)

Session Classification: LFV/tau/mu/dark sector

Contribution ID: **39** Type: **not specified**

J-PARC E34 g-2/EDM experiment

Friday, 1 June 2018 14:00 (25 minutes)

Presenter: OTANI, Masashi (KEK)

Session Classification: LFV/tau/mu/dark sector

Contribution ID: **40** Type: **not specified**

Recent developments on direct CP violation in the kaon system

Wednesday, 30 May 2018 08:30 (25 minutes)

Presenter: KITAHARA, Teppei (Karlsruhe IKP)

Session Classification: Kaon

Contribution ID: **41** Type: **not specified**

Search for K+ to pi+ nu nu at NA62

Wednesday, 30 May 2018 08:55 (20 minutes)

Presenter: PINZINO, Jacopo (CERN)

Session Classification: Kaon

Contribution ID: **42** Type: **not specified**

Status of K0TO experiment: KL->pi0 nu nu study at J-PARC

Wednesday, 30 May 2018 09:15 (20 minutes)

Presenter: NOMURA, Tadashi (KEK IPNS)

Session Classification: Kaon

Contribution ID: **43** Type: **not specified**

CP, T and CPT tests with neutral kaons at KLOE-2

Wednesday, 30 May 2018 09:35 (25 minutes)

Presenter: SILARSKI, Michal (Jagiellonian University)

Session Classification: Kaon

Contribution ID: **44** Type: **not specified**

Radiative kaon decays: where do we stand?

Wednesday, 30 May 2018 10:30 (25 minutes)

Presenter: CATA, Oscar (Siegen University)

Session Classification: Kaon

Contribution ID: **45** Type: **not specified**

kaons@LHCb

Wednesday, 30 May 2018 10:55 (20 minutes)

Presenter: MARTINEZ SANTOS, Diego (Santiago de Compostela University)

Session Classification: Kaon

Contribution ID: **46** Type: **not specified**

Measurement of Γ(Ke2)/ Γ(Kμ2) ratio using stopped positive kaons at J-PARC (TREK/E36)

Wednesday, 30 May 2018 11:15 (20 minutes)

Presenter: SHIMIZU, Suguru (Osaka University)

Session Classification: Kaon

Contribution ID: **47** Type: **not specified**

Searches for heavy neutral lepton and lepton flavour violation and dark photons at NA62

Wednesday, 30 May 2018 11:35 (25 minutes)

Presenter: GOUDZOVSKI, Evgueni (Birmingham University)

Session Classification: Kaon

Contribution ID: **48** Type: **not specified**

Current status and future prospect of Super-Kamiokande

Thursday, 31 May 2018 09:00 (25 minutes)

Presenter: ITO, Shintaro (Okayama University)

Session Classification: Neutrino

Contribution ID: **49** Type: **not specified**

KamLAND-Zen experiment

Thursday, 31 May 2018 09:25 (20 minutes)

Presenter: SHIRAI, Junpei (Tohoku University)

Session Classification: Neutrino

Contribution ID: **50** Type: **not specified**

Low energy solar neutrinos and limit on neutrino magnetic moment (Borexino)

Thursday, 31 May 2018 09:45 (25 minutes)

Presenter: BRAVO-BERGUÑO, David (INFN/Milano)

Session Classification: Neutrino

Contribution ID: **51** Type: **not specified**

results on geoneutrinos at Borexino

Thursday, 31 May 2018 10:10 (15 minutes)

Presenter: BASILICO, Davide (INFN/Milano)

Session Classification: Neutrino

Contribution ID: **52** Type: **not specified**

Search for 0νββ decay with EXO-200 and nEXO

Thursday, 31 May 2018 11:15 (20 minutes)

Presenter: CAO, Guofu (IHEP Beijing)

Session Classification: Neutrino

Contribution ID: **53** Type: **not specified**

Results from the CUORE experiment

Thursday, 31 May 2018 11:35 (20 minutes)

Presenter: MARINI, Laura (UC Berkeley)

Session Classification: Neutrino

Contribution ID: **54** Type: **not specified**

Neutrinoless double-β decay search with Gerda PhaseII

Thursday, 31 May 2018 11:55 (20 minutes)

Presenter: VON STRUM, Katharina (University of Padova)

Session Classification: Neutrino

Contribution ID: **55** Type: **not specified**

First limit on neutrinoless double-beta decay from the MAJORANA DEMONSTRATOR

Thursday, 31 May 2018 12:15 (20 minutes)

Presenter: BUUCK, Micah (University of Washington)

Session Classification: Neutrino

Contribution ID: **56** Type: **not specified**

Neutrino Oscillation Results from NOvA

Thursday, 31 May 2018 10:25 (20 minutes)

Presenter: SUTER, Louise (Argonne National Laboratory)

Session Classification: Neutrino

Contribution ID: **58** Type: **not specified**

Theory on B to D(*) tau nu anomaly

Thursday, 31 May 2018 14:00 (30 minutes)

Presenter: TANAKA, Minoru (Osaka University)

Session Classification: CKM

Contribution ID: **59** Type: **not specified**

Study of Leptonic and Semi-leptonic B Decays at Belle

Thursday, 31 May 2018 14:30 (20 minutes)

Presenter: VARVELL, Kevin (University of Sydney)

Session Classification: CKM

Contribution ID: **61** Type: **not specified**

Latest results on semileptonic B decays at LHCb

Thursday, 31 May 2018 14:50 (20 minutes)

Presenter: GRILLO, Lucia (Heidelberg University)

Session Classification: CKM

Contribution ID: **62** Type: **not specified**

Studies of semileptonic B decays at Belle II

Thursday, 31 May 2018 15:10 (20 minutes)

Presenter: KROHN, Jo-Frederik (University of Melbourne)

Session Classification: CKM

Contribution ID: **63** Type: **not specified**

Charm decays and CKM matrix measurements at BES III

Thursday, 31 May 2018 16:00 (20 minutes)

Presenter: ZHAO, Ming-Gang (Nankai University)

Session Classification: CKM

Contribution ID: **64** Type: **not specified**

Hadron spectroscopy at BES III

Thursday, 31 May 2018 16:20 (20 minutes)

Presenter: WANG, Zhiyong (IHEP Beijing)

Session Classification: Spectroscopy

Contribution ID: **65** Type: **not specified**

Study of Charmed Baryons at Belle

Thursday, 31 May 2018 16:40 (20 minutes)

Presenter: VINOKUROVA, Anna (Budker Institute)

Session Classification: Spectroscopy

Contribution ID: **67** Type: **not specified**

Charmonium Production and HF decay properties at ATLAS

Thursday, 31 May 2018 17:00 (20 minutes)

Presenter: KORN, Andreas (Queen Mary University of London)

Session Classification: Spectroscopy

Contribution ID: **68** Type: **not specified**

Lepton flavor violation and dark sectors

Friday, 1 June 2018 09:00 (30 minutes)

Presenter: MCKEEN, David (TRIUMF)

Session Classification: LFV/tau/mu/dark sector

Contribution ID: **70** Type: **not specified**

Search for dark matter and dark sector at Belle II

Friday, 1 June 2018 09:30 (20 minutes)

Presenter: HAUTH, Thomas (KIT)

Session Classification: LFV/tau/mu/dark sector

Contribution ID: **71** Type: **not specified**

Tau decays and dark-sector searches at BaBar

Friday, 1 June 2018 09:50 (20 minutes)

Presenter: OBERHOF, Benjamin (INFN Frascati)

Session Classification: LFV/tau/mu/dark sector

Contribution ID: **72** Type: **not specified**

Dark sector search at BES III

Friday, 1 June 2018 10:10 (20 minutes)

Presenter: LI, Fengyun (Peking University)

Session Classification: LFV/tau/mu/dark sector

Contribution ID: **73** Type: **not specified**

The Mu2e Experiment at Fermilab

Friday, 1 June 2018 11:20 (25 minutes)

Presenter: CARON, Jean-François (University of Houston)

Session Classification: LFV/tau/mu/dark sector

Contribution ID: **74** Type: **not specified**

Search for Muon to Electron Conversion at J-PARC - the COMET Experiment

Friday, 1 June 2018 11:45 (25 minutes)

Presenter: MIHARA, Satoshi (KEK IPNS)

Session Classification: LFV/tau/mu/dark sector

Contribution ID: **75** Type: **not specified**

The SHiP experiment at CERN

Friday, 1 June 2018 12:10 (25 minutes)

Presenter: CRISTINZIANI, Markus (CERN)

Session Classification: LFV/tau/mu/dark sector

Contribution ID: **76** Type: **not specified**

LHCb upgrade (Session New Experiments)

Friday, 1 June 2018 15:15 (25 minutes)

Presenter: PAIS, Preema (University of Massachusetts Amherst)

Session Classification: New/Future experiment

Contribution ID: **77** Type: **not specified**

Commissioning and operation status of Belle II and SuperKEKB

Friday, 1 June 2018 15:40 (25 minutes)

Presenter: UNO, Shoji (KEK IPNS)

Session Classification: New/Future experiment

Contribution ID: **78** Type: **not specified**

The Hyper-Kamiokande experiment

Friday, 1 June 2018 14:50 (25 minutes)

Presenter: YOKOYAMA, Masashi (University of Tokyo)

Session Classification: New/Future experiment

Contribution ID: **83** Type: **not specified**

Welcome to Yamagata City

Monday, 28 May 2018 08:30 (10 minutes)

Presenter: SAITO, DEPUTY MAYOR OF YAMAGATA CITY, Junji

Session Classification: Opening

Contribution ID: **84** Type: **not specified**

Welcome to HQL2018

Monday, 28 May 2018 08:40 (10 minutes)

Presenter: KOYAMA, PRESIDENT OF YAMAGATA UNIVERSITY, Kiyohito

Session Classification: Opening

Contribution ID: **85** Type: **not specified**

Practical guide to HQL2018

Monday, 28 May 2018 08:50 (10 minutes)

Presenter: SENYO, Katsumi

Session Classification: Opening

Contribution ID: **86** Type: **not specified**

Registration

Contribution ID: **87** Type: **not specified**

Closeout

Friday, 1 June 2018 16:05 (20 minutes)

Session Classification: Closeout

Contribution ID: **89** Type: **not specified**

New CP-violation effect in charm decays

Tuesday, 29 May 2018 16:45 (5 minutes)

Presenter: LI, Hsian-nan (Academia Sinica)

Session Classification: Short presentations and posters

Contribution ID: **90** Type: **not specified**

Analysis of gamma gamma to J/psi gamma

Tuesday, 29 May 2018 16:50 (5 minutes)

Presenter: SEINO, Yoshiaki (Niigata University)

Session Classification: Short presentations and posters

Contribution ID: **91** Type: **not specified**

A Multi-Meson Model to D+ ⟶ K+ K– K+ decay

Tuesday, 29 May 2018 16:55 (5 minutes)

Presenter: MAGALHÃES, Patrícia (TU Muenchen)

Session Classification: Short presentations and posters

Contribution ID: **92** Type: **not specified**

Lepton flavour violation in the MSSM: exact diagonalization vs mass expansion

Tuesday, 29 May 2018 17:00 (5 minutes)

Presenter: ROSIEK, Janusz (Warsaw University)

Session Classification: Short presentations and posters

Contribution ID: **93** Type: **not specified**

Top electroweak couplings study at the ILC

Tuesday, 29 May 2018 17:05 (5 minutes)

Presenter: SATO, Yo (Tohoku University)

Session Classification: Short presentations and posters

Contribution ID: **94** Type: **not specified**

poster session

Tuesday, 29 May 2018 17:20 (1h 10m)

Session Classification: Short presentations and posters

Contribution ID: **95** Type: **not specified**

The both-end readout system of the K0TO CsI calorimeter

Tuesday, 29 May 2018 17:10 (5 minutes)

Presenter: HARA, Nobuhiro (Osaka University)

Session Classification: Short presentations and posters

Contribution ID: **96** Type: **not specified**

Multiquark resonances: theoretical interpretations

Tuesday, 29 May 2018 11:10 (30 minutes)

Presenter: DAVIDE POLOSA, Antonio (University of Roma)

Session Classification: Spectroscopy

Contribution ID: **97** Type: **not specified**

Study of Bottomonia and Charmonia at Belle

Tuesday, 29 May 2018 11:40 (20 minutes)

Presenter: KROKOVNY, Pavel (Budker Institute)

Session Classification: Spectroscopy

Contribution ID: **98** Type: **not specified**

CKM angle gamma, Charm mixing and CP violation at LHCb

Monday, 28 May 2018 11:40 (30 minutes)

Presenter: KROKOVNY, Pavel (Budker Institute)

Session Classification: CP Violation

Contribution ID: **99** Type: **not specified**

Development and testing of the HK PMT implosion covers in Japan and Spain

Tuesday, 29 May 2018 17:15 (5 minutes)

Presenter: BRAVO-BERGUÑO, David (Autonomous University of Madrid)

Session Classification: Short presentations and posters

Contribution ID: **100** Type: **not specified**

Recent results on Lepton Flavor Violation and on Dark sector searches (LHCb)

Friday, 1 June 2018 11:00 (20 minutes)

Presenter: MARTINEZ SANTOS, Diego (Santiago de Compostela University)

Session Classification: LFV/tau/mu/dark sector

Contribution ID: **101** Type: **not specified**

Spectroscopy and exotica of HF states in ATLAS

Tuesday, 29 May 2018 12:00 (20 minutes)

Presenter: NOVOTNY, Radek (Czech Technical University in Prague)

Session Classification: Spectroscopy

Contribution ID: **102** Type: **not specified**

Registration

Contribution ID: **103** Type: **not specified**

Gerda new result for Neutrino 2018

Friday, 1 June 2018 12:35 (5 minutes)

Primary author: VON STRUM, Katharina (University of Padova)

Session Classification: Neutrino