

Session Program

4-11 Jul 2018

ICHEP2018 SEOUL

Quark and Lepton Flavor Physics

COEX, SEOUL

Thursday 5 July

09:00

Quark and Lepton Flavor Physics: 1

Session | Location: COEX, Seoul, 102 | Convener: Margarida Nesbitt Rebelo

09:00–09:20 **Radiative B decays at LHCb**

Speaker

Fedor Ratnikov

09:20–09:40 **Radiative B Decays at Belle**

Speaker

Akimasa Ishikawa

09:40–10:00 **Rare decays at CMS**

Speaker

Kai-Feng Chen

10:00–10:20 **Towards a new paradigm for quark-lepton unification**

Speaker

Christopher Smith

10:20–10:40 **Angular analyses at CMS**

Speaker

Geng Chen

10:40

11:00

Quark and Lepton Flavor Physics: 2

Session | Location: COEX, Seoul, 102 | Convener: Phillip Urquijo

11:00–11:20

ATLAS measurements of CP Violation and Rare decays in Beauty mesons

Speaker

Iskander Ibragimov

11:20–11:40 **Electroweak Penguin B Decays at Belle**

Speaker

Milind Vasant Purohit

11:40–12:00 **Lepton Flavour Universality tests at LHCb**

Speaker

Biplab Dey

12:00–12:20 **Searches for Lepton Flavour Violating decays at LHCb**

Speaker

Luca Pescatore

12:30

14:00

Quark and Lepton Flavor Physics: 3

Session | Location: COEX, Seoul, 102 | Convener: Margarida Nesbitt Rebelo

14:00–14:20

Electroweak Penguin Decays at LHCb**Speaker**

Thomas Blake

14:20–14:40

Search for the rare decay $B \rightarrow \Lambda_{\bar{p}} \nu \bar{\nu}$ **Speaker**

Robert Seddon

14:40–15:00

Connecting $b \rightarrow s \mu \mu$ anomalies to enhanced rare nonleptonic B_s decays in Z' model**Speaker**

Dr Jusak Tandean

15:00–15:20

Towards establishing New Physics in $B^0 \rightarrow K^{*0} \ell \ell^+ \ell \ell^-$ decays**Speaker**

Andrea Mauri

15:20–15:40

Tests of lepton universality with semitauonic b-quark decays**Speaker**

Olivier Leroy

16:00

16:20

Quark and Lepton Flavor Physics: 4

Session | Location: COEX, Seoul, 102 | Convener: Olivier Leroy

16:50–17:10

Studies of the CKM matrix with semileptonic decays**Speaker**

Ricardo Vazquez Gomez

17:10–17:30

Determination of the CKM matrix elements $|V_{ub}|$ and $|V_{cb}|$ at Belle II**Speaker**

Thomas Lueck

17:30–17:50

Measurements of heavy flavor properties at CMS**Speaker**

Po-Hsun Chen

17:50–18:10

B meson mixing parameters and branching fractions at LHCb**Speaker**

Veronika Georgieva Chobanova

18:30

Friday 6 July

09:00

Quark and Lepton Flavor Physics: 5

Session | Location: COEX, Seoul, 102 | Convener: Chris Parkes

09:00-09:20

New results on semileptonic B decays and on the CKM magnitudes $|V_{ub}|$ and $|V_{cb}|$ from Belle

Speaker

Eiasha Waheed

09:20-09:40

Measurement of $\cos 2\beta = \cos 2\phi_1$ in $B^0 \rightarrow D^{(*)0} h^0$ with $D \rightarrow K^0_S \pi^+ \pi^-$ decays by a time-dependent Dalitz analysis using BaBar and Belle combined data

Speaker

Vitaly Vorobyev

09:40-10:00

Time-dependent CP violation measurements in $B \rightarrow DX$ decays at LHCb

Speaker

Alex Birnkraut

10:00-10:20

Measurements of time-dependent CP violation in charmless B meson decays

Speaker

Insoo Lee

10:20-10:40

Recent improvements and prospects with flavour tagging at LHCb

Speaker

Simon Akar

10:40

11:00

Quark and Lepton Flavor Physics: 6

Session | Location: COEX, Seoul, 102 | Convener: Phillip Urquijo

11:00-11:20

CP violation in B decays to charmonia at LHCb

Speaker

Francesca Dordei

11:20-11:40

Time dependent CP-violation measurements at Belle II

Speakers

Alessandro Gaz, Alessandro Gaz

11:40-12:00

CP violation in b-hadron decays to charmless charged two-body final states at LHCb

Speaker

Stefano Perazzini

12:00-12:20

CP violation and polarisation amplitudes in $B \rightarrow VV$ decays at LHCb

12:30

Speaker

Jeremy Peter Dalseno

14:00

Quark and Lepton Flavor Physics: 7**Session** | **Location:** COEX, Seoul, 102 | **Convener:** Leo Pilonen**14:00-14:20 CP violation in b-baryon decays to multibody final states at LHCb****Speaker**

Jinlin Fu

14:20-14:40 Charmless three-body meson decays at LHCb**Speaker**

Daniel O'Hanlon

14:40-15:00 Measurements of the CKM angle γ at LHCb**Speaker**

Mark Peter Whitehead

15:00-15:20 Direct CP violation in B decays at LHCb**Speaker**

Jascha Peter Grabowski

15:20-15:40**Recent investigations of direct CP violation in B-meson decays at Belle****Speaker**

Chia-Ling Hsu

15:40-16:00**Time-integrated CP violation measurements in $B \rightarrow DD$ and $B \rightarrow DKK$ decays at LHCb****Speaker**

Wenbin Qian

16:00

16:30

Quark and Lepton Flavor Physics: 8**Session** | **Location:** COEX, Seoul, 102 | **Convener:** Chris Parkes**16:30-16:50****Optimising sensitivity to γ with $B^0 \rightarrow DK^+ \pi^-$, $D \rightarrow K^0 S \pi^+ \pi^-$ double Dalitz plot analysis****Speaker**

Anton Poluektov

16:50-17:10 Charm physics prospects at the Belle II experiment**Speaker**

Dr Hulya Atmacan

17:10-17:30 Hadronic decays of $D^{0(+)}$ and D_s^+ at BESIII**Speaker**

Prof. Liaoyuan Dong

17:30-17:50 Mixing and indirect CPV in Charm decays at LHCb**Speaker**

Maurizio Martinelli

17:50-18:10

Direct CPV in charm decays at LHCb

Speaker

Maxime Schubiger

18:10-18:30

Search for CP violation and rare decays in charm sector at Belle

Speaker

Yun-Tsung Lai

18:30

Saturday 7 July

09:00

Quark and Lepton Flavor Physics: 9

Session | Location: COEX, Seoul, 102 | Convener: Thomas Browder

09:00–09:20 **Leptonic and semi-leptonic decays of charmed mesons at BESIII**

Speaker

Jiangchuan Chen

09:20–09:40 **Λ_c^+ physics with BESIII threshold data**

Speaker

Haiping Peng

09:40–10:00 **Rare Charm decays at LHCb**

Speaker

Pietro Marino

10:00–10:20 **Search for the rare decay $D^0 \rightarrow K^-\pi^+e^+e^-$**

Speaker

Fergus Wilson

10:20–10:40 **Searches for Flavor Changing Neutral Currents at BESIII**

Speaker

Dayong Wang

10:40

11:00

Quark and Lepton Flavor Physics: 10

Session | Location: COEX, Seoul, 102 | Convener: Giovanni Passaleva

11:00–11:20

Study of the normalization modes in search the rare decay of $K^0_{\text{L}} \rightarrow \pi^0 \nu \bar{\nu}$ with the KOTO detector

Speaker

Dr Brian Beckford

11:20–11:40

Search for the rare decay of $K_{\text{L}} \rightarrow \pi^0 \nu \bar{\nu}$ at J-PARC

Speakers

koji shiomi, koji shiomi

11:40–12:00

KLEVER: An experiment to measure $BR(K_{\text{L}} \rightarrow \pi^0 \nu \bar{\nu})$ at the CERN SPS

Speaker

Matthew Moulson

12:00–12:20

Precision measurement of the form factors of semileptonic charged kaon decays

Speaker

Roberto Piandani

12:30

14:00

Quark and Lepton Flavor Physics: 11

Session | Location: COEX, Seoul, 102 | Convener: Angela Papa

14:00-14:20

CP asymmetries in charm decays into neutral kaons**Speaker**

Fu-Sheng Yu

14:20-14:40

Testing discrete symmetries with neutral kaons at KLOE-2**Speaker**

Antonio Di Domenico

14:40-15:00

The MEGII experiment at PSI and the quest for $\mu \rightarrow e \gamma$ and its experimental limiting factors at future high intensity muon beams**Speaker**

Angela Papa

15:00-15:20

Status of the Mu3e experiment**Speaker**

Angela Papa

15:20-15:40

Mu2e: A Search for Charged Lepton Flavor Violation in Muon-Electron Conversion with a Sensitivity $< 10^{-16}$ **Speaker**

Dr Gianantonio Pezzullo

15:40-16:00

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

Prof. Dmitry Grigoriev

16:00

16:30

Quark and Lepton Flavor Physics: 12

Session | Location: COEX, Seoul, 102 | Convener: Angela Papa

16:30-16:50

An experiment to search for mu-e conversion at J-PARC MLF in Japan, DeeMe experiment**Speaker**

Hiroaki Natori

16:50-17:10

Study of the Lorentz structure of tau decays and the rare tau decays from Belle**Speaker**

Kiyoshi Hayasaka

17:10-17:30

Recent results on τ -lepton decays with the BABAR detector**Speaker**

Thomas Lueck

17:30-17:50

Lepton flavor violation and seesaw models at future lepton colliders

Speaker
Dr Yongchao Zhang

17:50-18:10

Charged Lepton Flavor Violation in a class of Radiative Neutrino Mass Generation Models

Speaker
Dr Talal Ahmed Chowdhury

18:10-18:30

Measurement of hadronic cross sections at CMD-3

Speaker
Vyacheslav Ivanov

18:30