

Accomplishments and mysteries in quark flavor physics (KM 50) / KEK Flavor Factories workshop (KEK-FF 2023)

Thursday 09 February 2023

KEK-FF Session: 1 - Kobayashi Hall (09:30-10:30)

-Conveners: Shohei NISHIDA

time	[id] title	presenter
09:30	[13] Measurement of ϕ_1 at Belle II	HUMAIR, Thibaud
10:00	[14] Measurement of ϕ_2 at Belle II	NAKAZAWA, Yu

KEK-FF Session: 2 - Kobayashi Hall (11:00-12:30)

-Conveners: Mirco Dorigo

time	[id] title	presenter
11:00	[15] Measurement of $\phi_3/\phi_{\text{gamma}}$	KENZIE, Matthew
11:30	[16] Theoretical overview of the charm physics	HILLER, Gudrun
12:00	[17] Experimental Status on Charm Physics	VAGNONI, Vincenzo

KEK-FF Session: 3 - Kobayashi Hall (13:30-15:00)

-Conveners: Boris Shwartz

time	[id] title	presenter
13:30	[18] S-wave fully charmed tetraquark resonant states	WANG, Guangjuan
14:00	[19] Status of BESIII experiment and results on exotic hadrons	GRADL, Wolfgang
14:30	[20] Status of LHCb experiment and results on exotic hadrons	POLUEKTOV, Anton

KEK-FF Session: 4 - Kobayashi Hall (15:30-17:00)

-Conveners: Motoi ENDO

time	[id] title	presenter
15:30	[21] Status of the muon $g-2$ and opportunities at Belle II	HOFERICHTER, Martin
16:00	[22] Status and plan on HVP measurements at Belle II	SUE, Yuki
16:30	[23] $g-2$, LFV and EDM in flavor symmetry	YAMAMOTO, Kei

Friday 10 February 2023

KEK-FF Session: 5 - Kobayashi Hall (09:00-10:30)

-Conveners: Steven Robertson

time	[id] title	presenter
09:00	[24] $b \rightarrow sll$ at the LHCb experiment	SERRA, Nicola
09:30	[25] $b \rightarrow sl+l-$ at Belle II	GLAZOV, Sasha
10:00	[26] Status of Lepton Flavour Universality Violation in $b \rightarrow sll$ data	CAPDEVILA, Bernat

KEK-FF Session: 6 - Kobayashi Hall (11:00-12:30)

-Conveners: Teppei Kitahara

time	[id] title	presenter
11:00	[28] Theory of $B \rightarrow K l+l-$ decays and QED	ZWICKY, Roman
11:30	[29] Structure-Dependent QED Effects in Exclusive B Decays at Subleading Power	CORNELLA, Claudia
12:00	[27] Beautiful and charming lattice QCD calculations	WITZEL, Oliver

KEK-FF Session: 7 - Kobayashi Hall (13:30-15:00)

-Conveners: Takashi KANEKO

time	[id] title	presenter
13:30	[30] Precise determination of V_{ud} and the Cabibbo angle anomaly	SENG, Chien Yeah
14:00	[31] Renormalon subtraction in $ V_{cb} $ determination	SUMINO, Yukinari
14:30	[33] Recent measurements of $ V_{xb} $ from Belle (II)	CAO, Lu

KEK-FF Session: 8 - Kobayashi Hall (15:30-17:30)

-Conveners: Akimasa ISHIKAWA

time	[id] title	presenter
15:30	[34] $R(D^*)$ at Belle II	ZHOU, Qidong
16:00	[35] Feasibility of inclusive $R(X)$ at Belle II	LEWIS, Peter
16:30	[36] Theoretical overview of the $R(D^{(*)})$ anomaly and its related topics	BORDONE, Marzia
17:00	[37] Model building aspects of flavour anomalies	MARZOCCA, David