

The 38th International Symposium on Lattice Field Theory

Wednesday, July 28, 2021

Standard Model Parameters (1:00 PM - 2:00 PM)

-Conveners: William Jay

time	[id] title	presenter
1:00 PM	[250] Determination of the light, strange and charm quark masses using twisted mass fermions	ALEXANDROU, Constantia
1:15 PM	[256] Quark mass RG-running for $N_f=3$ QCD in a χ SF setup	PIRELLI, Ludovica
1:30 PM	[257] Operator renormalization $\&$ improvement for $N_f=3$ QCD in a χ SF setup	DE DIVITIIS, Giulia Maria
1:45 PM	[264] Charm quark mass determination from $N_f = 2+1$ QCD with Wilson fermions	BOUMA, Sjoerd

Standard Model Parameters (10:00 PM - 11:00 PM)

-Conveners: Ruth Van de Water

time	[id] title	presenter
10:00 PM	[214] Renormalization of overlap quark bilinear operators with hypercubic smearing	LIU, Zhaofeng
10:15 PM	[342] Spectral sum from Euclidean lattice correlators and determination of renormalization constants	ISHIKAWA, Tsutomu
10:30 PM	[437] Determination of the continuous beta function of SU(3) Yang-Mills theory	PETERSON, Curtis
10:45 PM	[618] New beta-function and the QCD running coupling at the Z-boson pole mass	HOLLAND, Kieran

Thursday, July 29, 2021

Standard Model Parameters (5:00 AM - 7:00 AM)

-Conveners: Stefan Sint

time	[id] title	presenter
5:00 AM	[517] First Lattice QCD determination of semileptonic decays of charmed-strange baryons Ξ_c	WANG, Wei
5:15 AM	[404] Leptonic decays of charmed mesons with Wilson quarks	Mr JOSWIG, Fabian
5:30 AM	[318] K- and D(s)-meson leptonic decay constants with physical light, strange and charm quarks by ETMC	Dr DIMOPOULOS, Petros
5:45 AM	[140] Charm physics with a tmQCD valence action	CONIGLI, Alessandro
6:00 AM	[64] V_{cs} determination from $D \rightarrow K \ell \nu$	PARROTT, William
6:15 AM	[258] $B_c \rightarrow J/\psi$ and $B_s \rightarrow D_s^{*}$ Decays with Lattice QCD	HARRISON, Judd
6:30 AM	[355] Comparison of lattice QCD results for inclusive semi-leptonic decays B mesons with the OPE	MAECHLER, Sandro
6:45 AM	[304] Form factors for $B_c^+ \rightarrow D^0 \ell^+ \nu_{\ell}$ and rare $B_c^+ \rightarrow D_s^+ \ell^+ \ell'^-$ with HISQ	COOPER, Laurence

Standard Model Parameters (1:00 PM - 3:00 PM)

-Conveners: Alejandro Vaquero Avilés-Casco

time	[id] title	presenter
1:00 PM	[231] Precision $B^* \rightarrow \pi$ coupling from three flavor lattice QCD	Mr KUBERSKI, Simon
1:15 PM	[50] Non-perturbative bounds for the semileptonic $B \rightarrow D^{(*)} \ell \nu_{\ell}$ decays and phenomenological applications	VITTORIO, Ludovico
1:30 PM	[405] SU(3) symmetry breaking in f_B and f_{B_s}	HOLLITT, Sophie
1:45 PM	[238] Semileptonic form factors for $B \rightarrow \pi \ell \nu$ decays	HILL, Ryan
2:00 PM	[282] Form factors for semileptonic Bs to K and Bs to Ds decays	FLYNN, Jonathan
2:15 PM	[274] Charmed semileptonics with twisted-mass valence quarks	FRISON, Julien
2:30 PM	[213] Semileptonic $D \rightarrow \pi \ell \nu$, $D \rightarrow K \ell \nu$ and $D_s \rightarrow K \ell \nu$ decays with 2+1f Domain Wall Fermions	MARSHALL, Michael
2:45 PM	[104] Non-Perturbative Bounds for Semileptonic Decays in Lattice QCD	NAVIGLIO, Manuel

Standard Model Parameters (9:00 PM - 11:00 PM)

-Conveners: Takeshi Yamazaki

time	[id] title	presenter
9:00 PM	[272] B-meson semileptonic decays with highly improved staggered quarks	LYTLE, Andrew
9:15 PM	[168] $B \rightarrow D^* \ell \nu$ at nonzero recoil from lattice QCD	Dr VAQUERO AVILÉS-CASCO, Alejandro
9:30 PM	[518] D-to- π semileptonic decays with highly improved staggered quarks	JAY, William
9:45 PM	[196] Decay constants of $B_{(s)}$ and $D_{(s)}$ meson on MILC HISQ a12m220 ensemble using the OK action and sequential Bayesian method	Mr CHOI, Benjamin Jaedon

10:00 PM	[11] Lattice calculation of $K \rightarrow \pi \pi$ decay width	TUO, Xin-yu
10:15 PM	[331] Calculating Δm_K with lattice QCD	WANG, Bigeng
10:30 PM	[509] Calculating $K_L \rightarrow \gamma\gamma$ using lattice QCD	CHRIST, Norman

Friday, July 30, 2021

Standard Model Parameters (5:00 AM - 8:00 AM)

-Conveners: Constantia Alexandrou; Chris Bouchard

time	[id] title	presenter
5:00 AM	[428] The decoupling strategy for the determination of α_s	SINT, Stefan
5:15 AM	[77] Results for α_s from the decoupling strategy	HÖLLWIESER, Roman
5:30 AM	[115] Investigation of the Perturbative Expansion of Heavy Quark Correlators for $N_f=0$	CHIMIRRI, Leonardo
6:00 AM	[218] Finite volume renormalization schemes and the fermionic gradient flow	BATTELLI, Nico
6:15 AM	[444] Renormalization constants of quark bilinear operators in QCD with dynamical up, down, strange and charm quarks	DI CARLO, Matteo
6:30 AM	[211] Non-perturbative renormalization of the flavour-singlet local vector current with $O(a)$ -improved Wilson fermions	Dr PEPE, Michele
6:45 AM	[594] Non-perturbative renormalisation with interpolating momentum schemes	GARRON, Nicolas
7:00 AM	[407] Scale setting for CLS 2+1 simulations	STRASSBERGER, Ben
7:15 AM	[362] Static force with and without gradient flow	LEINO, Viljami
7:30 AM	[389] Light meson physics and scale setting from a mixed action with Wilson twisted mass valence quarks	HERDOIZA, Gregorio
7:45 AM	[252] Logarithmic corrections to a^2 scaling in lattice QCD with Wilson and GW quarks	HUSUNG, Nikolai