

36th Annual International Symposium on Lattice Field Theory

Tuesday, 24 July 2018

Weak Decays and Matrix Elements - 103 (14:00 - 15:40)

time	[id] title	presenter
14:00	[300] Electric Dipole Moment Results from Lattice QCD	Dr DRAGOS, Jack
14:20	[149] Towards a determination of the quark-chromo EDM with the gradient flow	Dr KIM, Jangho
14:40	[132] Scalar, Axial and Tensor Matrix elements in light nuclei	Dr DETMOLD, William
15:00	[136] Nuclear Matrix Elements for Neutrinoless Double Beta Decay from Lattice QCD	Dr MURPHY, David
15:20	[270] Short Range Operator Contributions to neutrinoless double beta decay from LQCD	MONGE-CAMACHO, Henry

Wednesday, 25 July 2018

Weak Decays and Matrix Elements - 103 (14:00 - 15:40)

time	[id] title	presenter
14:00	[294] The $K_{\ell 3}$ form factor from four-flavor lattice QCD and $ V_{us} $	Prof. EL-KHADRA, Aida
14:20	[211] Calculation of $K \rightarrow \pi l \nu$ form factor in $N_f = 2+1$ QCD at physical point on $(10 \text{ fm})^3$ volume	Mr KAKAZU, Junpei
14:40	[163] Radiative corrections to decay amplitudes in lattice QCD	Prof. SACHRAJDA, Chris
15:00	[197] QED corrections to Pion and Kaon decay constants	Mr RICHINGS, James
15:20	[176] Control of SU(3) symmetry breaking effects in calculations of B meson decay constant	HOLLITT, Sophie

Thursday, 26 July 2018

Weak Decays and Matrix Elements - 103 (08:30 - 10:30)

time	[id] title	presenter
08:30	[288] D meson semileptonic decay form factors at $q^2 = 0$	Dr LI, Ruizi
08:50	[223] Heavy-quark physics with a tmQCD valence action	Dr BUSSONE, Andrea
09:10	[246] First results for charm physics with a tmQCD valence action	Mr UGARRIO, Javier
09:30	[108] Charmed (and heavier) meson decay constants and heavy neutral meson mixing in the continuum limit using 2+1f of domain wall fermions	Dr TSANG, J Tobias
09:50	[123] Masses and decay constants of $B_c^{(*)}$ mesons with $N_f=2+1+1$ twisted mass fermions	Dr SALERNO, Giorgio
10:10	[77] Heavy quark scaling of $B \rightarrow \pi \ell \bar{\nu}$ form factors with Mobius domain wall fermions	Dr COLQUHOUN, Brian

Weak Decays and Matrix Elements - 103 (11:00 - 13:00)

time	[id] title	presenter
11:00	[259] Kaon Matrix Elements from Coarse Lattices	Prof. MAWHINNEY, Robert
11:20	[150] Studies of $I=0$ and 2 π - π scattering with physical pion mass	Mr WANG, Tianle
11:40	[262] Update on the improved lattice calculation of direct CP-violation in K decays	Dr KELLY, Christopher
12:00	[38] Follow-up on non-leptonic Kaon decays at large N_c	Mr ROMERO-LOPEZ, Fernando
12:20	[235] Progress on the study of electromagnetic corrections to $K \rightarrow \pi \pi$ decay	Prof. FENG, Xu
12:40	[205] QED-corrected Lellouch-Luescher formula for $K \rightarrow \pi \pi$ decay	Mr CAI, Yiming

Friday, 27 July 2018

Weak Decays and Matrix Elements - 103 (14:00 - 16:00)

time	[id] title	presenter
14:00	[19] $B_s \rightarrow D_s \ell \nu$ form factors using heavy HISQ quarks	Mr MCLEAN, Euan
14:20	[131] $B \rightarrow D^* \ell \nu$ at non-zero recoil	Dr VAQUERO, Alejandro
14:40	[265] Update on $B \rightarrow D^* \ell \nu$ form factor at zero-recoil using the Oktay-Kronfeld action	Dr PARK, Sungwoo
15:00	[99] 2018 update of ϵ_K with lattice QCD inputs	Prof. LEE, Weonjong
15:20	[299] Kaon mixing beyond the standard model with physical masses.	Ms KETTLE, Julia
15:40	[151] Results for the mass difference between the long- and short-lived K mesons for physical quark masses	Mr WANG, Bigeng

Weak Decays and Matrix Elements - 103 (16:30 - 18:30)

time	[id] title	presenter
16:30	[122] Hypercubic effects in semileptonic decays of heavy mesons, toward $B \rightarrow \pi \ell \nu$ with $N_f=2+1+1$ Twisted fermions	Dr RIGGIO, Lorenzo
16:50	[283] $B \rightarrow \pi \ell \nu$ and $B \rightarrow \pi \ell \ell \ell$ decays with HISQ/NRQCD valence quarks on $N_f=2+1$ asqtad ensembles.	BOUCHARD, Christopher
17:10	[212] Semileptonic decays of $B_{(s)}$ mesons to light pseudoscalar mesons on four-flavor HISQ ensembles	Mr GELZER, Zechariah
17:30	[233] Semi-leptonic form factors for $B_s \rightarrow K \ell \nu$ and $B_s \rightarrow D_s \ell \nu$	WITZEL, Oliver Witzel
17:50	[59] Determining the Efficacy of different parameterizations of the z-expansion	Mr GUSTAFSON, Erik
18:10	[278] Flavor anomalies & the lattice	SONI, Amarjit