

The 39th International Symposium on Lattice Field Theory (Lattice 2022)

Monday, August 8, 2022

Weak Decays and Matrix Elements: Weak Decays and Matrix Elements I - CP1-HSZ/1.002 (CP1-HSZ) - HS6 (2:00 PM - 4:00 PM)

-Conveners: Nicolas Garron

time	[id] title	presenter
2:00 PM	[M27] Quasi-degenerate baryon energy states, the Feynman--Hellmann theorem and transition matrix elements	Dr HORSLEY, Roger
2:20 PM	[M77] Calculation of hyperon transition form factors from two-point functions using the Feynman-hellmann method	BATELAAN, Mischa
2:40 PM	[M69] A lattice QCD study of the $B \rightarrow \pi \pi$ transition	LESKOVEC, Luka
3:00 PM	[M62] $B \rightarrow \pi$ excited-state contamination in B -meson observables	BÄR, Oliver
3:20 PM	[M64] Estimating Excited-States Contamination of $B \rightarrow \pi$ Form Factors Using Heavy Meson Chiral Perturbation Theory	BROLL, Alexander

Weak Decays and Matrix Elements: Weak Decays and Matrix Elements II - CP1-HSZ/1.002 (CP1-HSZ) - HS6 (4:30 PM - 6:30 PM)

-Conveners: Takeshi Yamazaki

time	[id] title	presenter
4:30 PM	[M84] Towards precision lattice determination of semileptonic $D \rightarrow \pi \ell \nu$, $D \rightarrow K \ell \nu$ and $D_s \rightarrow K \ell \nu$ decay form factors	MARSHALL, Michael
4:50 PM	[M0] The search for new physics in $B \rightarrow K \ell \ell$ and $B \rightarrow K \ell \ell \bar{\nu}$ using precise lattice QCD form factors	PARROTT, William
5:10 PM	[M77] Lattice Results for the $K \rightarrow \ell \ell \nu$, $\nu \ell \ell$, $\ell \ell \ell$ Form Factors and Branching Ratios	MAZZETTI, Filippo
5:30 PM	[M58] Structure-dependent form factors in radiative leptonic decays with Domain Wall fermions	GIUSTI, Davide
5:50 PM	[M22] An update on RI/IMOM schemes	GARRON, Nicolas

Wednesday, August 10, 2022

Weak Decays and Matrix Elements: Weak Decays and Matrix Elements III - CP1-HSZ/1.002 (CP1-HSZ) - HS6 (2:00 PM - 4:00 PM)

-Conveners: Roger Horsley

time	[id] title	presenter
2:00 PM	[148] Lattice calculation of leading isospin breaking effects in $\Gamma(K_{\ell 2})/\Gamma(\pi_{\ell 2})$ with close-to-physical chiral fermions	DI CARLO, Matteo
2:20 PM	[197] Electromagnetic finite-volume effects to leptonic decays through order $1/L^3$ in QED $_L$	Dr HERMANSSON-TRUEDSSON, Nils
2:40 PM	[137] Estimation of scheme ambiguities in the separation of isospin-breaking effects in lattice QCD calculations	PORTELLI, Antonin
3:00 PM	[178] A comparison of Wilson and twisted mass valence quarks for charmed semileptonic form factors	Dr FRISON, Julien
3:20 PM	[130] Momentum transfer dependence of kaon semileptonic form factor on $(10\text{ fm})^4$ at the physical point	YAMAZAKI, Takeshi

Weak Decays and Matrix Elements: Weak Decays and Matrix Elements IV - CP1-HSZ/1.002 (CP1-HSZ) - HS6 (4:30 PM - 6:30 PM)

-Conveners: Oliver Bär

time	[id] title	presenter
4:30 PM	[132] B-meson semileptonic decays with highly improved staggered quarks	LYTLE, Andrew
4:50 PM	[144] D-meson semileptonic decays with highly improved staggered quarks	JAY, William
5:10 PM	[132] Progress towards an improved lattice calculation of Standard Model direct CP-violation in kaon decays	KELLY, Christopher
5:30 PM	[107] Direct CP violation in $K \rightarrow \pi\pi$ decay at the physical point with periodic boundary conditions	TOMII, Masaaki

Friday, August 12, 2022

Weak Decays and Matrix Elements: Weak Decays and Matrix Elements V - CP1-HSZ/1.002 (CP1-HSZ) - HS6 (2:10 PM - 4:10 PM)

-Conveners: William Jay

time	[id] title	presenter
2:10 PM	[M168] B Meson Decay Constants Using Relativistic Heavy Quarks	BLACK, Matthew
2:30 PM	[M175] Inclusive semi-leptonic decays of charmed mesons with Moebius domain wall fermions	Mr KELLERMANN, Ryan
2:50 PM	[M174] Inclusive semi-leptonic $B_{(s)}$ mesons decay at the physical b quark mass	BARONE, Alessandro
3:10 PM	[M179] Inclusive semileptonic B -decays from lattice QCD	SMECCA, Antonio
3:30 PM	[M155] Lattice study of spectator effects in B-hadron decays with Domain-Wall Fermions	LIN, Joshua