



# Asia-Pacific Symposium for Lattice Field Theory (APLAT 2020)

## Wednesday, August 5, 2020

### Weak Decays and Matrix Elements: Session 5-1 B (2:00 PM - 3:40 PM)

-Conveners: Takashi KANEKO

time	[id] title	presenter
2:00PM	[76] First-principles calculation of electroweak box diagrams from lattice QCD	MA (*), Pengxiang
2:20PM	[122] Long-distance contribution to neutrinoless double beta decays in pion sector	TUO (*), Xin-yu
2:40PM	[130] Neutral $B$ and $B_s$ mixing matrix elements using NRQCD and the MILC HISQ ensembles	WINGATE, Matthew
3:00PM	[32] $B_{(s)}-\bar{B}_{(s)}$ mixing on domain-wall lattices	ERBEN (*), Felix
3:20PM	[107] Exploring the 't Hooft limit of meson observables	ROMERO-LOPEZ (*), Fernando

### Weak Decays and Matrix Elements: Session 5-2 B (4:00 PM - 6:00 PM)

-Conveners: Matthew Wingate

time	[id] title	presenter
4:00PM	[120] Semileptonic $B_s \rightarrow K$ and $B_s \rightarrow D_s$ decays	TSANG (*), J Tobias
4:20PM	[25] D to K semileptonic decay from $n_f = 2 + 1 + 1$ lattice QCD with physical light quarks	CHAKRABORTY (*), Bipasha
4:40PM	[57] $B \rightarrow D^{(*)} \ell \bar{\nu}$ form factors from relativistic lattice QCD	KANEKO, Takashi
5:00PM	[42] $B_c \rightarrow J/\psi$ Semileptonic Form Factors and $R(J/\psi)$ Using the Heavy-HISQ Method	HARRISON (*), Judd
5:20PM	[96] Heavy to strange semileptonic decays	PARROTT, William
5:40PM	[45] Semileptonic $B \rightarrow \pi \ell \bar{\nu}$ decays	HILL (*), Ryan

# Thursday, August 6, 2020

## Weak Decays and Matrix Elements: Session 6-2 C (4:00 PM - 4:40 PM)

-Conveners: Akira Ohnishi

time	[id] title	presenter
4:00-4:10 PM	[74] Charmed meson decay constants from 2+1-flavor lattice QCD	LIU, Zhaofeng
4:20-4:30 PM	[81] Three-Photon Decay of $J/\psi$ from Lattice QCD	MENG (*), Yu