

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

Tuesday, August 4, 2020

Hadron Spectroscopy and Interactions: Session 4-1 C (2:00 PM - 3:40 PM)

-Conveners: Chuan Liu

time	[id] title	presenter
2:00 PM	[140] Finite-volume scattering formalism for all three-pion isospin channels	HANSEN, Maxwell
2:20 PM	[14] Alternative derivation of relativistic three-particle quantization condition	BLANTON (*), Tyler
2:40 PM	[112] Equivalence of three-particle quantization conditions	SHARPE, Stephen
3:00 PM	[2] Bringing scattering data to the finite volume of lattice QCD	ABELL (*), Curtis
3:20 PM	[4] Study of the rho resonance using the HAL QCD method	AKAHOSHI (*), Yutaro

Hadron Spectroscopy and Interactions: Session 4-2 B (4:00 PM - 5:40 PM)

-Conveners: Liuming Liu

time	[id] title	presenter
4:00 PM	[124] Chiral symmetry and the Roper resonance	VIRGILI (*), Adam
4:20 PM	[86] Bottomonium resonances from lattice QCD static-static-light-light potentials	MUELLER (*), Lasse
4:40 PM	[87] Studies on meson-baryon interactions in the HAL QCD method with all-to-all propagators	MURAKAMI (*), Kotaro
5:00 PM	[125] Quark composition and color structure of heavy-heavy mesons and tetraquarks	WAGNER, Marc
5:20 PM	[9] P-wave form factors from the inclusive semileptonic $B_c \rightarrow X_c \ell \bar{\nu}_\ell$ decays	BAILAS (*), Gabriela

Thursday, August 6, 2020

Hadron Spectroscopy and Interactions: Session 6-2 B (4:00 PM - 5:40 PM)

-Conveners: Derek Leinweber

time	[id] title	presenter
4:00☒PM	[13] Magnetic Polarisability with the background Field Method	BIGNELL (*), Ryan
4:20☒PM	[24] From QCD string breaking to quarkonium spectrum	CATILLO (*), Marco
4:40☒PM	[40] Charmed baryon spectroscopy from lattice QCD near the physical point	GUBLER, Philipp
5:00☒PM	[44] Low-lying charmonium properties from lattice QCD + quenched QED	HATTON (*), Daniel
5:20☒PM	[64] Sigma-Lambda state mixing from lattice QCD+QED	KORDOV (*), Zeno

Friday, August 7, 2020

Hadron Spectroscopy and Interactions: Session 7-1 C (2:00 PM - 3:40 PM)

-Conveners: Marc Wagner

time	[id] title	presenter
2:00PM	[20] Finite volume effects and meson scattering in the 2-flavour Schwinger model	BÜHLMANN (*), Patrick
2:20PM	[101] Investigation of Doubly Heavy Tetraquark Systems using Lattice QCD	PFLAUMER (*), Martin
2:40PM	[103] Hybrid static potentials at small quark-antiquark separations	RIEHL (*), Carolin
3:00PM	[117] Nuclear force from lattice QCD with LapH smearing	SUGIURA (*), Takuya
3:20PM	[136] Glueball dark matter in SU(N) lattice gauge theory	YAMANAKA, Nodoka