

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

Tuesday 04 August 2020

Hadron Spectroscopy and Interactions: Session 4-1 C (14:00-15:40)

-Conveners: Chuan Liu

time	[id] title	presenter
14:00	[140] Finite-volume scattering formalism for all three-pion isospin channels	HANSEN, Maxwell
14:20	[14] Alternative derivation of relativistic three-particle quantization condition	BLANTON (*), Tyler
14:40	[112] Equivalence of three-particle quantization conditions	SHARPE, Stephen
15:00	[2] Bringing scattering data to the finite volume of lattice QCD	ABELL (*), Curtis
15:20	[4] Study of the rho resonance using the HAL QCD method	AKAHOSHI (*), Yutaro

Hadron Spectroscopy and Interactions: Session 4-2 B (16:00-17:40)

-Conveners: Liuming Liu

time	[id] title	presenter
16:00	[124] Chiral symmetry and the Roper resonance	VIRGILI (*), Adam
16:20	[86] Bottomonium resonances from lattice QCD static-static-light-light potentials	MUELLER (*), Lasse
16:40	[87] Studies on meson-baryon interactions in the HAL QCD method with all-to-all propagators	MURAKAMI (*), Kotaro
17:00	[125] Quark composition and color structure of heavy-heavy mesons and tetraquarks	WAGNER, Marc
17:20	[9] P-wave form factors from the inclusive semileptonic $B_c \rightarrow X_c \ell \bar{\nu}$ decays	BAILAS (*), Gabriela

Thursday 06 August 2020

Hadron Spectroscopy and Interactions: Session 6-2 B (16:00-17:40)

-Conveners: Derek Leinweber

time	[id] title	presenter
16:00	[13] Magnetic Polarisability with the background Field Method	BIGNELL (*), Ryan
16:20	[24] From QCD string breaking to quarkonium spectrum	CATILLO (*), Marco
16:40	[40] Charmed baryon spectroscopy from lattice QCD near the physical point	GUBLER, Philipp
17:00	[44] Low-lying charmonium properties from lattice QCD + quenched QED	HATTON (*), Daniel
17:20	[64] Sigma-Lambda state mixing from lattice QCD+QED	KORDOV (*), Zeno

Friday 07 August 2020

Hadron Spectroscopy and Interactions: Session 7-1 C (14:00-15:40)

-Conveners: Marc Wagner

time	[id] title	presenter
14:00	[20] Finite volume effects and meson scattering in the 2-flavour Schwinger model	BÜHLMANN (*), Patrick
14:20	[101] Investigation of Doubly Heavy Tetraquark Systems using Lattice QCD	PFLAUMER (*), Martin
14:40	[103] Hybrid static potentials at small quark-antiquark separations	RIEHL (*), Carolin
15:00	[117] Nuclear force from lattice QCD with LapH smearing	SUGIURA (*), Takuya
15:20	[136] Glueball dark matter in SU(N) lattice gauge theory	YAMANAKA, Nodoka