

36th Annual International Symposium on Lattice Field Theory

Monday 23 July 2018

Hadron Spectroscopy and Interactions - 105 (4:10 PM-5:30 PM)

time	[id] title	presenter
4:10 PM	[M19] Gluonic structure of spin-1 meson as it becomes unstable using variationally optimized operators	PEFKOU, Dimitra
4:30 PM	[M18] 3-body quantization condition in unitary isobar formalism	Dr MAI, Maxim
4:50 PM	[M2] The Slope of Form Factors from Lattice QCD	CHANG, Chia Cheng
5:10 PM	[M2] Constraint HMC algorithms for gauge-Higgs models	Dr HÖLLWIESER, Roman

Tuesday 24 July 2018

Hadron Spectroscopy and Interactions - 105 (2:00 PM-3:40 PM)

time	[id] title	presenter
2:00 PM	[M54] String breaking with 2+1 dynamical fermions using the stochastic LapH method	Ms KOCH, Vanessa
2:20 PM	[M89] Computation of hybrid static potentials from optimized trial states in SU(3) lattice gauge theory	Mr REISINGER, Christian
2:40 PM	[M] Confront the lattice finite-volume energy levels with chiral effective field theory	Dr GUO, Zhihui
3:00 PM	[M6] New lattice interaction and the spectrum of light and medium mass nuclei	Dr LI, Ning
3:20 PM	[M7] Strong Decay Analysis of Bottom Mesons	Ms GUPTA, Pallavi

Hadron Spectroscopy and Interactions - 105 (4:10 PM-5:10 PM)

time	[id] title	presenter
4:10 PM	[M59] Π_0 transition form factor in coordinate space	TU, Cheng
4:30 PM	[M12] Towards leading isospin breaking effects in mesonic masses with open boundaries	Mr RISCH, Andreas
4:50 PM	[M10] Analysis of systematic error in hadronic vacuum polarization contribution to muon g-2	Dr SHINTANI, Eigo

Wednesday 25 July 2018

Hadron Spectroscopy and Interactions - 105 (2:00 PM-3:40 PM)

time	[id] title	presenter
2:00 PM	[M105] Nucleon-pion-state contamination in the lattice determination of the axial form factors of the nucleon	Dr BAER, Oliver
2:20 PM	[M118] A new method for suppressing excited-state contaminations on the nucleon form factors	Mr SCHULZ, Tobias
2:40 PM	[M108] Controlling Excited-State Contributions to Nucleon Isovector Charges using Distillation	Mr EGERER, Colin
3:00 PM	[M104] Pion-pion scattering with physical quark masses	HOYING, Daniel
3:20 PM	[M192] Calculating the ρ radiative decay width with lattice QCD	Dr LESKOVEC, Luka

Hadron Spectroscopy and Interactions - 105 (4:10 PM-5:30 PM)

time	[id] title	presenter
4:10 PM	[M197] Lattice QCD spectroscopy for hadronic CP violation	WALKER-LOUD, Andre
4:30 PM	[M168] Numerical study of QED finite-volume effects using lattice scalar QED	Mr HARRISON, James
4:50 PM	[M125] Towards lattice-assisted hadron physics calculations based on gauge-fixed n-point functions	Dr STERNBECK, Andre
5:10 PM	[M170] Bethe-Salpeter wavefunctions of hybrid charmonia	Mr MA, Yunheng

Thursday 26 July 2018

Hadron Spectroscopy and Interactions - 105 (8:30 AM-10:30 AM)

time	[id] title	presenter
8:30 AM	[138] Scattering phase shift determinations from a two-scalar field theory and resonance parameters from QCD scattering	Mr DARVISH, Daniel
8:50 AM	[140] $K\pi$ scattering and excited meson spectroscopy using the Stochastic LapH method	BRETT, Ruairí
9:10 AM	[117] Hadron-Hadron Interactions from $N_f = 2 + 1 + 1$ Lattice QCD: π -K scattering length	Dr PITTLER, Ferenc
9:30 AM	[179] $K\pi$ scattering and the $K^{*}(892)$ resonance in 2+1 flavor QCD	Mr RENDON SUZUKI, Jesus Gumaro
9:50 AM	[120] DK scattering and $D_{s0}(2317)$	Mr CHEUNG, Gavin
10:10 AM	[148] Finite volume matrix elements of two-body states	BARONI, Alessandro

Hadron Spectroscopy and Interactions - 105 (11:00 AM-1:00 PM)

time	[id] title	presenter
11:00 AM	[17] Progress on relativistic three-particle quantization condition	Prof. SHARPE, Stephen
11:20 AM	[10] Relations between scattering amplitude and Bethe-Salpeter wave function in quantum field theory	YAMAZAKI, Takeshi
11:40 AM	[50] Scattering length from BS wave function inside the interaction range	Dr NAMEKAWA, Yusuke
12:00 PM	[80] Roper State from Overlap Fermion	Prof. LIU, Keh-Fei
12:20 PM	[206] Coupling to Multihadron States with Chiral Fermions	Dr FALLICA, Jacob Fallica
12:40 PM	[203] Progress towards understanding the H-dibaryon from lattice QCD	Dr HANLON, Andrew

Friday 27 July 2018

Hadron Spectroscopy and Interactions - 105 (2:00 PM-4:00 PM)

time	[id] title	presenter
2:00 P	M01] Comparison between models with and without dynamical charm quarks	Mr CALI, Salvatore
2:20 P	M85] B_c spectroscopy using highly improved staggered quarks	Dr LYTLE, Andrew
2:40 P	M58] Charmed baryon spectrum in 2+1-flavor Lattice QCD	Dr CAN, Utku
3:00 P	M] On chiral extrapolations of charmed meson masses and coupled-channel reaction dynamics	Dr GUO, Xiao-Yu
3:20 P	M1] Coupled channel scattering of vector and scalar charmonium resonances on the lattice	Dr PIEMONTE, Stefano
3:40 P	M3] J/ψ -nucleon scattering in P_{c}^{+} pentaquark channels	Ms SKERBIS, Ursa

Hadron Spectroscopy and Interactions - 105 (4:30 PM-6:30 PM)

time	[id] title	presenter
4:30 P	M80] Towards the P-wave nucleon-pion scattering amplitude in the Δ (1232) channel: interpolating fields and spectra	Mr SILVI, Giorgio
4:50 P	M82] Towards the P-wave nucleon-pion scattering amplitude in the Δ (1232) channel: Phase shift analysis	Mr PAUL, SRIJIT
5:10 P	M1] HAL QCD method and Nucleon-Omega interaction with physical quark masses	Dr IRITANI, Takumi
5:30 P	M2] Baryon interactions at physical quark masses in Lattice QCD	DOI, Takumi
5:50 P	M04] Three neutrons from Lattice QCD	Mr WYNEN, Jan-Lukas
6:10 P	M01] Charmonium-nucleon interactions from 2+1 flavor lattice QCD	Mr SUGIURA, Takuya