

The 37th International Symposium on Lattice Field Theory (Lattice 2019)

Monday, 17 June 2019

Hadron Spectroscopy and Interactions - Shimao 3A (14:20 - 16:00)

-Conveners: Sinya Aoki

time	[id] title	presenter
14:20	[21] Zb tetraquark channel and $B\bar{B}^*$ interaction	PRELOVSEK, Sasa
14:40	[45] Are dynamical charm quarks necessary?	KORZEC, Tomasz
15:00	[47] Heavy four-quark and six-quark states from lattice QCD	MATHUR, Nilmani
15:20	[190] Spectroscopy of mesons with bottom quarks	RYAN, Sinead
15:40	[279] Exploration of a singly-bottom tetraquark on 2+1 flavour lattices	COLQUHOUN, Brian

Hadron Spectroscopy and Interactions - Shimao 3A (16:30 - 17:50)

-Conveners: Chuan Liu

time	[id] title	presenter
16:30	[49] $I=3/2$ nucleon-pion scattering and the $\Delta(1232)$ resonance on 2+1 flavor CLS ensembles using the stochastic LapH method	Mr ANDERSEN, Christian Walther
16:50	[59] Details of a staggered fermion data analysis	AMMER, Maximilian

Tuesday, 18 June 2019

Hadron Spectroscopy and Interactions - Shimao 3A (14:20 - 16:00)

-Conveners: Sinead Ryan

time	[id] title	presenter
14:20	[13] Meson interactions at Large N_c from Lattice QCD	ROMERO-LÓPEZ, Fernando
14:40	[176] The S-wave $K\pi$ amplitude and the $K^*(700)$ resonance in $2+1$ flavor QCD	RENDON, Gumaro
15:00	[236] Resonances in coupled-channel meson-meson scattering from lattice QCD	WILSON, David
15:20	[254] Pion-Pion Scattering with Elongated Boxes	CULVER, Chris
15:40	[293] Periodic Pion-Pion Scattering at the Physical Point: Update	HOYING, Daniel

Hadron Spectroscopy and Interactions - Shimao 3A (16:30 - 17:50)

-Conveners: Akaki Rusetski

time	[id] title	presenter
16:30	[35] Scale setting for QCD with $N_f=3+1$ dynamical quarks	HÖLLWIESER, Roman
16:50	[9] The Development of Hamiltonian Finite Volume Method of Two Body System within Partial Wave Mixing in Rest System	LI, Yan
17:10	[17] The general formalism of momentum transformation in the moving finite volume	WU, Jiajun
17:30	[79] The Rho Resonance Properties from $N_f=2+1+1$ Lattice QCD	Mr UEDING, Martin

Wednesday, 19 June 2019

Hadron Spectroscopy and Interactions - Shima 3A (11:10 - 12:30)

-Conveners: Gunnar Bali

time	[id] title	presenter
11:10	[29] Theoretical and practical progresses in the HAL QCD method	AOKI, Sinya
11:30	[42] Two-pion scattering amplitude from Bethe-Salpeter wave function at the interaction boundary	YAMAZAKI, Takeshi
11:50	[69] Study of the pion-pion scatterings with a combination of all-to-all propagators and the HAL QCD method	AKAHOSHI, Yutaro
12:10	[70] Baryon interactions from lattice QCD at $m_\pi = 0.27$ GeV	DOI, Takumi

Thursday, 20 June 2019

Hadron Spectroscopy and Interactions - Shimao 3A (14:00 - 15:40)

-Conveners: Sasa Prelovsek

time	[id] title	presenter
14:00	[68] Nucleon Mass and Omega Mass with All-HISQ Fermions at the Physical Point	Mr LIN, Yin
14:20	[109] The light baryon spectrum in the continuum limit	Prof. BALI, Gunnar
14:40	[148] First study of $N_f=2+1+1$ lattice QCD with physical domain-wall quarks	Prof. CHIU, Ting-Wai
15:00	[155] Study of finite size effect on hadron masses and decay constants with $(5.4\text{fm})^4$ and $(10.8\text{fm})^4$ lattices at the physical point in 2+1 flavor QCD	KURAMASHI, Yoshinobu
15:20	[305] Towards the spectrum of flavour-diagonal pseudoscalar mesons in QCD+QED	Prof. ZANOTTI, James

Hadron Spectroscopy and Interactions - Shimao 3A (16:10 - 17:30)

-Conveners: Nilmani Mathur

time	[id] title	presenter
16:10	[15] Bethe-Salpeter wavefunctions of hybrid charmonia	MA, Yunheng
16:30	[166] High precision determination of w_0	GUENTHER, Jana N.
16:50	[22] Interglueball potential in SU(N) lattice gauge theory	YAMANAKA, Nodoka
17:10	[7] Resonance information from lattice energy levels using chiral EFT	Prof. GUO, Zhi-Hui