

The 33rd International Symposium on Lattice Field Theory (Lattice 2015)

Tuesday, 14 July 2015

Hadron Spectroscopy and Interactions - 402 (14:00 - 16:00)

-Conveners: Naruhito Ishizuka

time	[id] title	presenter
14:00	[211] Pion-pion interaction from $N_f = 2+1$ simulations using the stochastic LapH method	HÖRZ, Ben
14:20	[304] Large volume calculation of pion-pion scattering phase shifts with the stochastic LapH method on an $N_f=2+1$ anisotropic clover lattice	Dr BULAVA, John
14:40	[109] K-pi scattering lengths from physical point ensembles	Mr JANOWSKI, Tadeusz
15:00	[131] K-pi and pi-pi scattering close to the physical pion mass	Dr DONALD, Gordon
15:20	[87] The mass and leptonic decay constant of rho meson at the physical point	Prof. CHEN, ying
15:40	[135] Resonance Parameters for the rho-meson from Lattice QCD	Mr GUO, Dehua

Hadron Spectroscopy and Interactions - 402 (16:30 - 18:30)

-Conveners: Tomomi Ishikawa

time	[id] title	presenter
16:30	[91] Decay constants and spectroscopy of mesons in lattice QCD using domain-wall fermions	Dr FAHY, Brendan
16:50	[194] 2+1 flavor QCD simulation near the physical point on a 96^4 lattice	UKITA, Naoya
17:10	[198] Latest Results from RQCD using 2+1f CLS Simulations with Open Boundaries	Dr SOELDNER, Wolfgang
17:30	[214] Extracting the eta-prime meson mass from gluonic correlators in lattice QCD	Dr FUKAYA, Hidenori
17:50	[251] Photon mass term as an IR regularization for QCD+QED on the lattice	Dr ENDRES, Michael
18:10	[285] Dashen's theorem and electromagnetic contributions to pseudoscalar meson masses	Dr RAKOW, Paul

Wednesday, 15 July 2015

Hadron Spectroscopy and Interactions - 402 (14:00 - 16:00)

-Conveners: Michael Endres

time	[id] title	presenter
14:00	[25] Magnetic properties of light nuclei and the $\rho \rightarrow \pi \gamma$ transition	Dr DETMOLD, William
14:20	[89] Light nuclei and nucleon form factors in $N_f=2+1$ lattice QCD	YAMAZAKI, Takeshi
14:40	[171] The H-dibaryon in two flavor lattice QCD	Dr JUNNARKAR, Parikshit
15:00	[334] Two-nucleon scattering in multiple partial waves	Dr NICHOLSON, Amy
15:20	[216] Calculation of the decay width of decuplet baryons	Dr PETSCHLIES, Marcus
15:40	[80] The Roper resonance from spatially large interpolation fields	SUN, Mingyang

Hadron Spectroscopy and Interactions - 402 (16:30 - 18:30)

-Conveners: William Detmold

time	[id] title	presenter
16:30	[232] First results of baryon interactions from lattice QCD with physical masses (1) -- General overview and two-nucleon forces	Dr DOI, Takumi
16:50	[315] First results of baryon interaction from lattice QCD with physical masses (2) -- $S=-3$ and $S=-4$ sectors ($\Xi\Xi$, $\Xi\Sigma$, $\Xi\Lambda-\Xi\Sigma$ channels) --	Prof. ISHII, Noriyoshi for HAL QCD Collaboration
17:10	[302] First results of baryon interactions from lattice QCD with physical masses (3) -- Strangeness $S=-2$ two-baryon system	Dr SASAKI, Kenji
17:30	[231] Lattice QCD studies of baryon interactions from HAL QCD method and Luscher's finite volume method	Dr IRITANI, Takumi
17:50	[246] Λ_c -N interaction from lattice QCD	Mr MIYAMOTO, Takaya for HAL QCD Collaboration
18:10	[287] $Z_c(3900)$ from coupled-channel HAL QCD approach on the lattice	Dr IKEDA, Yoichi

Thursday, 16 July 2015

Hadron Spectroscopy and Interactions - 402 (08:30 - 10:10)

-Conveners: Chris Allton

time	[id] title	presenter
08:30	[29] $\chi(3872)$ and $Y(4140)$ using diquark-antidiquark operators with lattice QCD	Dr MADANAGOPALAN, Padmanath
08:50	[61] Mass spectrum of mesons containing charm quarks - continuum limit results from twisted mass fermions	Dr CICHY, Krzysztof
09:10	[73] Ground state charmed meson spectra for $N_f=2+1+1$	Dr RAE, Thomas
09:30	[101] Exploring possibly existing qq -anti- b -anti- b tetraquark states with $qq = ud, ss, cc$	Ms PETERS, Antje
09:50	[333] Computation of correlation matrices for tetraquark candidates with $J^P = 0^+$ and flavor structure $q_1 \bar{q}_2 q_3 \bar{q}_3$	Mr BERLIN, Joshua