

32nd International Symposium on Lattice Field Theory (Lattice 2014)

Monday, 23 June 2014

Hadron spectroscopy and interaction: Parallel 1B - 428 Pupin (14:15 - 15:55)

-Conveners: Sinya Aoki

time	[id] title	presenter
14:15	[70] Pion-pion scattering phase shifts with the stochastic LapH method	Mr FAHY, Brendan
14:35	[190] Pi-Pi Scattering with $N_f=2+1+1$ Twisted Mass Fermions	Dr KNIPPSCHILD, Bastian
14:55	[125] Lattice study of pion-pion scattering using $N_f=2+1$ Wilson improved quarks with masses down to their physical values.	Mr METIVET, Thibaut
15:15	[130] K-pi scattering lengths at physical kinematics	Mr JANOWSKI, Tadeusz
15:35	[181] Resonances in pi-K scattering	Dr WILSON, David

Hadron spectroscopy and interaction: Parallel 2B - 428 Pupin (16:30 - 18:30)

-Conveners: Marcus Petschlies

time	[id] title	presenter
16:30	[235] Charm in Lattice QCD with Domain-Wall Fermion	Prof. CHIU, Ting-Wai
16:50	[236] Hadron spectra and Δ_{mix} from overlap quarks on a HISQ sea.	Dr LYTLE, Andrew
17:10	[110] Spectroscopy of charmed baryons from lattice QCD	Dr MADANAGOPALAN, Padmanath
17:30	[197] Low lying charmonium states at the physical point	Dr MOHLER, Daniel
17:50	[72] DK and $D^* K$ scattering near threshold	LANG, C. B.
18:10	[437] Conserved currents and results from $2+1f$ dynamical Mobius DWF simulations at the physical point	Dr BOYLE, Peter

Tuesday, 24 June 2014

Hadron spectroscopy and interaction: Parallel 3B - 428 Pupin (14:15 - 15:55)

-Conveners: Shailesh Chandrasekharan

time	[id] title	presenter
14:15	[132] Relativistic three-particle quantization condition: an update	Prof. SHARPE, Stephen
14:35	[185] On the extraction of spectral quantities with open boundary conditions.	Mr BRUNO, Mattia
14:55	[293] Gradient Flow Analysis on MILC HISQ Ensembles	BROWN, Nathan
15:15	[342] Simulating two dimensional two-color QCD using purely bosonic variables	Mr AUGUST, Daniel
15:35	[304] Radial and orbital excitation energies of charmonium	Mr GALLOWAY, Ben

Hadron spectroscopy and interaction: Parallel 4B - 428 Pupin (16:30 - 18:10)

-Conveners: Hiroshi Ohno

time	[id] title	presenter
16:30	[394] Generating 2+1+1 Flavor Mobius Domain Wall Fermion Configurations	MAWHINNEY, Robert
16:50	[221] The Lambda 1405 is an anti-kaon--nucleon molecule	Prof. LEINWEBER, Derek
17:10	[405] Multi-channel 1 to 2 matrix elements in finite volume	WALKER-LOUD, andre
17:30	[69] Scalar Mesons on the Lattice Using Stochastic Sources on GPU Architecture.	Mr HOWARTH, Dean
17:50	[258] Heavy Meson Spectrum Tests of the Oktay-Kronfeld Action	Mr JANG, Yong-Chull

Wednesday, 25 June 2014

Hadron spectroscopy and interaction: Parallel 5B - 428 Pupin (09:00 - 10:40)

-Conveners: Andrew Lytle

time	[id] title	presenter
09:00	[116] Nucleon spectroscopy using multi-particle operators	Dr KAMLEH, Waseem
09:20	[322] Lattice QCD with 2+1 Flavors and Open Boundaries: First Results of the Baryon Spectrum	SOELDNER, Wolfgang
09:40	[327] Baryon spectrum with $N_f=2+1+1$ twisted mass fermions	Mr KALLIDONIS, Christos
10:00	[53] Excited isovector mesons using the stochastic LapH method	Prof. MORNINGSTAR, Colin
10:20	[356] An investigation of meson spectroscopy on isotropic clover lattices at the SU(3) flavor-symmetric point	RICHARDS, David

Hadron spectroscopy and interaction: Parallel 6B - 428 Pupin (11:10 - 13:10)

-Conveners: Christian B. Lang

time	[id] title	presenter
11:10	[256] Comparison between two-quark, tetra-quark and molecular states of the sigma meson from lattice QCD	Mr WAKAYAMA, Masayuki
11:30	[282] Investigation of the tetraquark candidate $a_0(980)$: technical aspects.	BERLIN, Joshua
11:50	[371] Investigation of the tetraquark candidate $a_0(980)$: preliminary results	Dr ABDEL-REHIM, Abdou
12:10	[315] Flavored tetraquark spectroscopy	Dr GUERRIERI, Andrea
12:30	[305] Search for a bound H-dibaryon using local six-quark interpolating operators	Dr GREEN, Jeremy
12:50	[417] Two-Baryon Systems with Twisted Boundary Conditions	Dr DAVOUDI, Zohreh

Thursday, 26 June 2014

Hadron spectroscopy and interaction: Parallel 7B - 428 Pupin (14:15 - 16:35)

-Conveners: Ting-Wai Chiu

time	[id] title	presenter
14:15	[261] An improved study of the excited radiative decay $\Upsilon(2S) \rightarrow \eta_b(1S)\gamma$ using lattice NRQCD	Mr HUGHES, Ciaran
14:55	[174] Determining Sigma - Lambda mixing	Dr HORSLEY, Roger
15:15	[354] Free-form Smeared Bottomonium Correlation Functions	Mr WURTZ, Mark
15:35	[136] Omega-Omega interaction from 2+1 flavor QCD	Mr YAMADA, Masanori for HAL QCD Coll
15:55	[244] Quark mass dependence of three-nucleon forces in lattice QCD	Dr DOI, Takumi
16:15	[291] A study of scattering in open charm channels	Prof. RYAN, Sinead

Friday, 27 June 2014

Hadron spectroscopy and interaction: Parallel 8B - 428 Pupin (14:15 - 15:55)

-Conveners: Colin Morningstar

time	[id] title	presenter
14:15	[150] Electromagnetic mass splittings from dynamical lattice QCD+QED	Prof. SCHIERHOLZ, Gerrit
14:35	[129] Finite volume effects and the electromagnetic contributions to kaon and pion masses	Prof. BERNARD, Claude
14:55	[266] Search for $Z_c(3900)$ on the lattice with twisted mass fermions	LIU, Liuming
15:15	[114] Evidence for the charged charmonium-like state Z_c^+ from lattice QCD	Mr LESKOVEC, Luka
15:35	[167] Updated results from maximally twisted mass QCD at the physical point	Mr KOSTRZEWA, Bartosz