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

Wednesday, 15 July 2015

Poster Session - 4th floor (18:30 - 21:00)

| [id] title | presenter | board |
|--|------------------------|-------|
| [11] Isospin splitting in Wilson chiral perturbation theory for twisted-mass lattice-QCD with three non-degenerate quark flavours | Prof. MÜNSTER, Gernot | 1 |
| [188] calculation of strange and light quark condensate using improved staggered fermions and overlap fermions | Mr JEONG, Hwancheol | 2 |
| [215] Stochastic calculation of the QCD Dirac operator spectrum with Mobius domain-wall fermion | Prof. HASHIMOTO, Shoji | 3 |
| [70] Determination of f_K/f_pi from staggered Nf=2+1+1 ensembles | Dr DURR, Stephan | 4 |
| [94] Determination of \$\varepsilon_K\$ using lattice QCD inputs | Prof. LEE, Weonjong | 5 |
| [207] Heavy-heavy current improvement for calculating $B^- \rightarrow D^{((*))}$ lv semi-leptonic form factors with Oktay-Kronfeld quarks. | Mr LEEM, JAEHOON | 6 |
| [108] The Rho Resonance from N_f=2+1+1 Twisted Mass Lattice QCD | Mr WERNER, Markus | 7 |
| [20] Exploring free-form smearing for bottomonium and B meson spectroscopy | WOLOSHYN, Richard | 8 |
| [185] Update on the Heavy-Meson Spectrum Tests of the OktayKronfeld Action | Mr JANG, Yong-Chull | 9 |
| [235] Towards string breaking with 2+1 dynamical fermions using the stochastic LapH-method | KOCH, Vanessa | 10 |
| [267] Lattice QCD study of the I=0 scalar channel using four-quark operators | Mr WAKAYAMA, Masayuki | 11 |
| [324] Investigating some technical improvements to glueball calculations. | Dr MCNEILE, Craig | 12 |
| [56] The one-loop analysis of the beta-function in the Schroedinger Functional for Moebius Domain Wall Fermions | Ms MURAKAMI, Yuko | 13 |
| [253] Quark Spin in Proton from Anomalous Ward Indentity | Prof. GONG, Ming | 14 |
| [210] The static three-quark potential of various quark configurations | Dr KOMA, Miho | 15 |
| [58] Mass and Axial current renormalization in the Schr\"{o}dinger functional scheme for the RG-improved gauge and the stout smeared \$O(a)\$-improved Wilson quark actions. | Mr ISHIKAWA, Ken-Ichi | 16 |
| [189] Non-perturbative Renormalization with RI-MOM scheme for Bilinear Operators on the Fine Lattice | Dr KIM, jangho | 17 |
| [294] SU(2) gauge theory with domain-wall fermions in fundamental and adjoint representations | Dr MATSUFURU, Hideo | 18 |
| [233] Study of the conformal phase of the SU(3) gauge theory with domain-wall fermions | Dr NOAKI, Jun | 19 |
| [161] The step scaling function of the SU(3) 2 flavor sextet model with Wilson fermions | Dr HASENFRATZ, Anna | 20 |
| [244] Mass anomalous dimension of SU2 with Nf=8 using the spectral density method | Mr SUORSA, Joni | 21 |

| [104] S-parameter and vector decay constant in QCD with eight fundamental fermions | AOKI, Yasumichi | 22 |
|---|---|----|
| [154] A new method to calculate the Dirac operator spectral density | Prof. HOLLAND, Kieran | 23 |
| [1] Monte Carlo studies of dynamical compactification of extra dimensions in a model of nonperturbative string theory | Prof. AZUMA, Takehiro | 24 |
| [24] Grid: A next generation C++ library for data parallel QCD | Dr YAMAGUCHI, Azusa | 25 |
| [296] Lattice QCD code set Bridge++ on arithmetic accelerators | Dr MOTOKI, Shinji | 26 |
| [79] Overlap fermions on GPUs | Dr CUNDY, Nigel | 27 |
| [112] Multiple right-hand side setup for the DD-\$\alpha\$AMG | Mr RICHTMANN, Daniel | 29 |
| [148] Adaptive algebraic multigrid on SIMD architectures | Prof. WETTIG, Tilo | 30 |
| [187] Performance of Maxwell GPUs and Optimization of Non-Perturbative Renormalization codes. | Mr PAK, Jeonghwan | 31 |
| [213] An application of the hybrid Monte Carlo algorithm for realized stochastic volatility model | Prof. TAKAISHI, Tetsuya Prof. LIU, Yubin | 32 |
| [76] Instantaneous Stochastic Perturbation Theory and Gradient flow in \$\phi^4\$ theory | Mr GAROFALO, Marco | 33 |
| [163] Precision study of critical slowing down in lattice simulations of the CP^{N-1} model | Dr JUETTNER, Andreas | 34 |
| [288] Strong coupling expansion of the generalized t-V model in one dimension | Mr SZYNISZEWSKI, Marcin | 35 |
| [295] Bosonization analysis for artificial "atomic collapse" in graphene | Ms KAGIMURA, Aya | 36 |
| [93] Towards the QCD equation of state at the physical point using Wilson fermion | Dr UMEDA, Takashi | 37 |
| [199] A novel computation of the thermodynamics of SU(3) Yang-Mills theory | Prof. GIUSTI, Leonardo | 38 |
| [38] Beating the sign problem in finite density lattice QCD | Prof. NAKAMURA, Atsushi | 39 |
| [106] The Nonlinear O(3) Model with Chemical Potential in a Dual Representation | Mr KLOIBER, Thomas | 40 |
| [169] Proposal for the Quantum Simulation of the CP(2) Model on Optical Lattices | Prof. BIETENHOLZ, Wolfgang | 41 |
| [338] Grassmann tensor renormalization group for the lattice Gross-Neveu model with finite chemical potential | YOSHIMURA, Yusuke | 42 |