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

Tuesday, 14 July 2015

Nonzero Temperature and Density - 401 (14:00 - 16:00)

-Conveners: Owe Philipsen

time	[id] title	presenter
14:00	[248] The curvature of the chiral phase transition line at small values of the quark chemical potentials	Dr HEGDE, Prasad
14:20	[269] The curvature of the crossover line in the (T, mu)-phase diagram of QCD	Ms GUENTHER, Jana
14:40	[133] Curvature of the pseudocritical line in (2+1)-flavor QCD with HISQ fermions	Dr COSMAI, Leonardo
15:00	[264] Curvature of the QCD chiral peusdocritical line from analytic continuation	MESITI, Michele
15:20	[318] Phase structure of Nf=3 QCD at finite temperature and density by Wilson-Clover fermions	Dr TAKEDA, Shinji
15:40	[111] Many flavor approach to study the critical point in finite density QCD	Mr IWAMI, Ryo

Nonzero Temperature and Density - 401 (16:30 - 18:30)

-Conveners: Sourendu Gupta

time	[id] title	presenter
16:30	[280] Many flavor approach to study the nature of chiral phase transition of two-flavor QCD	Dr YAMADA, Norikazu
16:50	[234] The nature of the Roberge-Weiss Transition in N_f=2 QCD with Wilson Fermions on N_t=6 lattices	Mr CZABAN, Christopher
17:10	[42] The $N_f=2$ chiral phase transition from imaginary chemical potential with Wilson Fermions	Dr PINKE, Christopher
17:30	[27] Analytic continuation of finite density QCD with heavy quarks in the strong coupling region	Prof. YONEYAMA, Hiroshi
17:50	[26] Topological feature and phase diagram of QCD at complex chemical potential	Dr KASHIWA, Kouji
18:10	[6] Finite-temperature phase transition of Nf=3 QCD with exact center symmetry	Prof. MISUMI, Tatsuhiro

Wednesday, 15 July 2015

Nonzero Temperature and Density - 401 (14:00 - 16:00)

-Conveners: Atsushi Nakamura

time	[id] title	presenter
14:00	[18] Exploring Complex-Langevin Methods for Finite-Density QCD	SINCLAIR, d. k.
14:20	[129] Towards the heavy dense QCD phase diagram using Complex Langevin simulations	Mr ATTANASIO, Felipe
14:40	[165] Insights into the heavy dense QCD phase diagram using Complex Langevin simulations	Dr JAEGER, Benjamin
15:00	[60] Testing a generalized cooling procedure in the complex Langevin simulation of chiral Random Matrix Theory	Dr NAGATA, Keitaro
15:20	[200] Understanding the problem with logarithmic singularities in the complex Langevin method	Dr SHIMASAKI, Shinji
15:40	[341] Complex Langevin in low-dimensional QCD: the good and the not-so-good	Dr BLOCH, Jacques

Nonzero Temperature and Density - 401 (16:30 - 18:30)

-Conveners: Carleton DeTar

time	[id] title	presenter
16:30	[276] Magnetic properties and deconfinement	Mr MARITI, Marco
16:50	[314] Towards the continuum limit of the critical endline of finite temperature QCD	Dr NAKAMURA, Yoshifumi
17:10	[275] Chiral phase transition of N_f=3 and 2+1 QCD at vanishing baryon chemical potential	Prof. DING, Heng-Tong
17:30	[174] Thermodynamics and reference scale of SU(3) gauge theory from gradient flow on fine lattices	Prof. KITAZAWA, Masakiyo
17:50	[115] Polyakov loop renormalization with gradient flow	Mr SCHADLER, Hans-Peter
18:10	[254] Pure SU(3) Topological Susceptibility at Finite Temperature with the Wilson Flow	Dr MAGES, Simon

Thursday, 16 July 2015

Nonzero Temperature and Density - 401 (08:30 - 10:10)

-Conveners: Akira Ohnishi

time	[id] title	presenter
08:30	[195] Study of high density phase transition in lattice QCD with canonical approach	Prof. TANIGUCHI, Yusuke
08:50	[30] Exploring finite density QCD phase transition with canonical approach - Power of multiple precision computation -	Mr OKA, Shotaro
09:10	[14] Validity range of canonical approach to finite density QCD	Mr FUKUDA, Ryutaro
09:30	[57] Calculation of high-order cumulants with canonical ensemble method in lattice QCD	Mr SUZUKI, Asobu
09:50	[327] Aspects of topological actions on the lattice	DE FORCRAND, Philippe

Nonzero Temperature and Density - 401 (10:40 - 12:00)

-Conveners: Heng-Tong DING

time	[id] title	presenter
10:40	[283] Diagrammatic Monte Carlo simulations of staggered fermions at finite coupling	VAIRINHOS, Helvio
11:00	[309] Lattice simulation of the SU(2)-chiral model at zero and non-zero pion density	Mr RINDLISBACHER, Tobias
11:20	[342] Heavy and dense QCD from an effective lattice theory	PHILIPSEN, Owe
11:40	[62] Analytic computations of an effective lattice theory for heavy quarks	Mr GLESAAEN, Jonas Rylund

Friday, 17 July 2015

Nonzero Temperature and Density - 403 (14:00 - 16:00)

-Conveners: Tilo Wettig

time	[id] title	presenter
14:00	[31] Two-Color Lattice QCD with Non-zero Chiral Chemical Potential	Mr KOTOV, Andrey
14:20	[113] Lattice simulation of QC_2D with $N_f=2$ at non-zero baryon density	Mr NIKOLAEV, Alexander
14:40	[172] Cluster expansions and chiral symmetry at large density in 2-color QCD	TOMBOULIS, Terry E.
15:00	[143] Thimble regularization at work besides toy models: from Random Matrix Theory to Gauge Theories.	Mr ERUZZI, Giovanni
15:20	[144] Thimble regularization at work for Gauge Theories: from toy models onwards.	Dr DI RENZO, Francesco
15:40	[86] Application of the Lefschetz thimble formulation to the (0+1) dimensional Thirring model at finite density	Dr KAMATA, Syo

Nonzero Temperature and Density - 401 (14:00 - 16:00)

-Conveners: Takashi Umeda

time	[id] title	presenter
14:00	[176] Lattice NRQCD study of quarkonium at non-zero temperature	Prof. KIM, Seyong
14:20	[321] Charmonia and bottomonia at finite temperature on large quenched lattice	Dr OHNO, Hiroshi
14:40	[203] □Transverse and longitudinal spectral functions of charmonia at finite temperature with maximum entropy method	Mr IKEDA, Atsuro
15:00	[273] Polyakov loop correlators and cyclic Wilson loop from lattice QCD	Mr WEBER, Johannes
15:20	[65] Static quark-antiquark pair free energy and screening masses: continuum results at the QCD physical point	PASZTOR, Attila
15:40	[22] Confinement/deconfinement transition temperature from the Polyakov loop potential and gauge-invariant gluon mass	Prof. KONDO, Kei-Ichi

Nonzero Temperature and Density - 401 (16:30 - 18:10)

-Conveners: Masakiyo Kitazawa

time	[id] title	presenter
16:30	[292] A stochastic approach to the reconstruction of spectral functions in lattice QCD	Mr SHU, Hai-Tao
16:50	[268] Thermal dilepton rates and electrical conductivity of the QGP	Mr MEYER, Florian
17:10	[236] Calculation of free baryon spectral densities at finite temperature	Ms PRAKI, Chrisanthi
17:30	[303] Nucleons and parity doubling across the deconfinement transition	ALLTON, Chris
17:50	[68] Study of entropy production in Yang-Mills theory with use of Husimi function	TSUKIJI, Hidekazu

Nonzero Temperature and Density - 403 (16:30 - 18:10)

-Conveners: Keitaro Nagata

time	[id] title	presenter

16:30	[222] Preweighting method in Monte-Carlo sampling with complex action	Prof. OHNISHI, Akira
16:50	[145] The density of states approach at finite chemical potential: a numerical study of the Bose gas.	Dr PELLEGRINI, Roberto
17:10	[41] Solving the complex action problem of the finite density Z3 spin model with the density of states approach using FFA	Mr TOEREK, Pascal
17:30	[40] Density of states approach with FFA for an effective Polyakov loop model at finite density	Mr GIULIANI, Mario
17:50	[118] Dual representation for massless fermions with chemical potential and U(1) gauge fields	Prof. GATTRINGER, Christof

Saturday, 18 July 2015

Nonzero Temperature and Density - 401 (09:00 - 11:00)

-Conveners: Urs Heller

time	[id] title	presenter
09:00	[182] On the axial U(1) symmetry at finite temperature	Dr COSSU, Guido
09:20	[162] Study of the U(1)A symmetry restoration in two-flavor QCD at finite temperature with reweighed overlap fermions	Dr TOMIYA, Akio
09:40	[291] The $U_A(1)$ anomaly in high temperature QCD with chiral fermions on the lattice	Dr SHARMA, sayantan
10:00	[50] Thermal modification of mesons and restoration of broken symmetries from spatial correlation functions with HISQ	Dr MAEZAWA, Yu
10:20	[96] Footprint of non-decoupling in chiral phase transition	Mr SATO, Tomomi
10:40	[164] Determination of U_A (1) restoration from meson screening masses by using the entanglement PNJL model: Toward chiral regime	Mr ISHII, Masahiro

Nonzero Temperature and Density - 406 (09:00 - 11:00)

-Conveners: Christof Gattringer

time	[id] title	presenter
09:00	[45] Hagedorn spectrum and equation of state of Yang-Mills theories	Mr NADA, Alessandro
09:20	[55] Higher order net baryon number cumulants in the strong coupling lattice QCD	Mr ICHIHARA, Terukazu
09:40	[54] Polyakov line actions from SU(3) lattice gauge theory with dynamical fermions: first results via relative weights	HÖLLWIESER, Roman
10:00	[142] Effective Polyakov loop models for QCD-like theories at finite chemical potential	Mr SCIOR, Philipp
10:20	[209] G(2)-QCD at finite temperature and density	Dr WELLEGEHAUSEN, Bjoern
10:40	[325] Phase diagram of the U(2)xU(2) scalar model in three dimensions	Dr KAMIKADO, Kazuhiko