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

Monday, 23 June 2014

Nonzero temperature and Density: Parallel 1A - 501 NWC (14:15 - 15:55)

-Conveners: Shinji Ejiri

time	[id] title	presenter
14:15	[66] Curvature of the QCD critical line with 2+1 HISQ fermions	Dr COSMAI, Leonardo
14:35	[296] The curvature of the QCD critical line from analytic continuation	MESITI, Michele
14:55	[367] Phase diagram of QCD at finite isospin chemical potential with Wilson fermions	Prof. NONAKA, Chiho
15:15	[384] QCD with Wilson fermions and isospin chemical potential at finite and zero temperature	Mr RINDLISBACHER, Tobias
15:35	[11] Status of the SU3 Lambda Scale	Prof. BERG, Bernd

Nonzero temperature and Density: Parallel 1E - 329 Pupin (14:15 - 15:55)

-Conveners: Christof Gattringer

time	[id] title	presenter
14:15	[306] Chiral restoration and deconfinement in two-color QCD with two flavors of staggered quarks	Mr SCHEFFLER, David
14:35	[273] Effective SU(2) Polyakov Loop Theories with Heavy Quarks on the Lattice	Mr SCIOR, Philipp
14:55	[178] The effective Polyakov loop theory for finite temperature Yang-Mills theory and QCD	Dr BERGNER, Georg
15:15	[290] Lattice simulations of G2-QCD at finite density I	Prof. VON SMEKAL, Lorenz
15:35	[279] Lattice simulations of G2-QCD at finite density II	Dr WELLEGEHAUSEN, Bjoern

Nonzero temperature and Density: Parallel 2E - 329 Pupin (16:30 - 18:30)

-Conveners: Ion-Olimpiu Stamatescu

time	[id] title	presenter
16:30	[45] Deconfinement transition as a black hole formation by the condensation of QCD string	HANADA, Masanori
16:50	[377] Gluonic Correlations at Deconfinement	MENDES, Tereza
17:10	[9] Locating the critical end-point of QCD	Prof. FISCHER, Christian
17:30	[60] Quark number density at imaginary chemical potential and its extrapolation to large real chemical potential by the effective model	Mr TAKAHASHI, Junichi
17:50	[352] Temperature dependence of meson screening masses; a comparison of effective model with lattice QCD	Mr ISHII, Masahiro
18:10	[217] Renormalization group flow of linear sigma model with UA(1) anomaly	Mr SATO, Tomomi

Nonzero temperature and Density: Parallel 2A - 501 NWC (16:30 - 18:30)

-Conveners: Ludmila Levkova

time	[id] title	presenter
16:30	[240] Fluctuations of the electric charge in theory and experiment	Dr BORSANYI, Szabolcs
16:50	[382] Thermodynamics of heavy-light hadrons	Prof. DING, Heng-Tong
17:10	[357] Exploring the QCD phase diagram with conserved charge fluctutaions	Dr SCHMIDT, Christian
17:30	[421] Fluctuation effects on QCD phase diagram at strong coupling	Mr ICHIHARA, Terukazu
17:50	[287] On curing the divergences in the quark number susceptibility	Prof. GAVAI, Rajiv
18:10	[389] The Combinatorics of Lattice QCD at Strong Coupling	Dr UNGER, Wolfgang

Tuesday, 24 June 2014

Nonzero temperature and Density: Parallel 3A - 501 NWC (14:15 - 15:55)

-Conveners: Rajiv Gavai

time	[id] title	presenter
14:15	[170] The N_f=3 critical endpoint with smeared staggered quarks	Mr VARNHORST, Lukas
14:35	[202] Update on the critical endpoint of the finite temperature phase transition for three flavor QCD with clover type fermions	Dr NAKAMURA, Yoshifumi
14:55	[231] Scalar correlators near the 3-flavor thermal critical point	JIN, Xiao-Yong
15:15	[200] Critical end point in Nf=3 QCD with finite density and temperature	Dr TAKEDA, Shinji
15:35	[395] Search for the chiral phase transition in three flavor QCD at imaginary chemical potential	Dr TOTH, Balint

Nonzero temperature and Density: Parallel 4A - 501 NWC (16:30 - 18:10)

-Conveners: Christian Schmidt

time	[id] title	presenter
16:30	[214] Canonical approach to the finite density QCD with winding number expansion	Dr TANIGUCHI, Yusuke
16:50	[252] Complex Langevin dynamics for SU(3) gauge theory in the presence of a theta term	Mr BONGIOVANNI, Lorenzo
17:10	[259] Exploring the phase diagram of QCD with complex Langevin simulations	Mr JAEGER, Benjamin
17:30	[294] Towards exact worldline models of lattice gauge theory at finite density	VAIRINHOS, Helvio
17:50	[423] Solution of simple toy models via thimble regularization of lattice field theory	Dr GIOVANNI, Eruzzi

Wednesday, 25 June 2014

Nonzero temperature and Density: Parallel 5A - 501 NWC (09:00 - 10:40)

-Conveners: Urs Heller

time	[id] title	presenter
09:00	[220] Axial U(1) symmetry at finite temperature with Mobius domain-wall fermions	Dr COSSU, Guido
09:20	[332] Effects of near-zero Dirac eigenmodes on axial U(1) symmetry at finite temperature	Mr TOMIYA, Akio
09:40	[399] Dirac eigenmodes at the QCD Anderson transition	Prof. KOVACS, Tamas G.
10:00	[262] Understanding localisation in QCD through an Ising-Anderson model	Dr GIORDANO, Matteo
10:20	[369] Chiral transition as Anderson transition	Dr PITTLER, Ferenc

Nonzero temperature and Density: Parallel 6A - 501 NWC (11:10 - 13:10)

-Conveners: Heng-Tong Ding

time	[id] title	presenter
11:10	[232] Charmonium spectra and dispersion relation with improved Bayesian analysis in lattice QCD	Mr IKEDA, Atsuro
11:30	[242] Mesonic spectral functions and transport properties in the quenched QCD continuum	Mr MEYER, Florian
11:50	[309] Temperature dependence of bottomonium spectral functions	Mr HARRIS, Tim
12:10	[320] Charmonium spectral functions from 2+1 flavour lattice QCD	Mr PASZTOR, Attila
12:30	[325] Quark mass dependence of quarkonium properties at finite temperature	Dr OHNO, Hiroshi
12:50	[335] The in-medium heavy quark potential from quenched and dynamical lattice QCD	Dr ROTHKOPF, Alexander

Thursday, 26 June 2014

Nonzero temperature and Density: Parallel 7A - 501 NWC (14:15 - 16:35)

-Conveners: Szabolcs Borsanyi

time	[id] title	presenter
14:15	[65] Thermodynamics in the fixed scale approach with the shifted boundary conditions	UMEDA, Takashi
14:35	[205] Multipoint reweighting method and beta-functions for the calculation of QCD equation of state	Mr IWAMI, Ryo
14:55	[321] QCD Thermodynamics With Continuum Extrapolated Wilson Fermions	Mr TROMBITAS, Norbert
15:15	[162] Recent results on the Equation of State of QCD	Dr KRIEG, Stefan
15:35	[398] The QCD Equation of State	BHATTACHARYA, Tanmoy
15:55	[393] The QCD Equation of State at order μ_B^4	Dr HEGDE, Prasad
16:15	[428] The QCD Phase Transition with Three Physical-Mass Pions	Dr SCHROEDER, Chris

Friday, 27 June 2014

Nonzero temperature and Density: Parallel 8A - 501 NWC (14:15 - 15:55)

-Conveners: Tereza Mendes

time	[id] title	presenter
14:15	[164] Deconfining temperatures in SO(N) and SU(N) gauge theories	LAU, Richard
14:35	[238] The density of states from first principles	Dr PELLEGRINI, Roberto
14:55	[192] A novel density of state method for complex action system	Prof. BIAGIO, Lucini
15:15	[189] Quark number susceptibilities from fugacity expansion at finite chemical potential	SCHADLER, Hans-Peter
15:35	[379] Shear Viscosity from Lattice QCD	Mr MAGES, Simon

Nonzero temperature and Density: Parallel 9A - 501 NWC (16:30 - 18:30)

-Conveners: Gergely Endrodi

time	[id] title	presenter
16:30	[64] Effective Polyakov line actions, and their solutions at finite chemical potential	Dr GREENSITE, Jeff
16:50	[312] Chiral dynamics in the low-temperature phase of QCD	Mr ROBAINA, DANIEL
17:10	[160] Two-color QCD with chiral chemical potential	Mr KOTOV, Andrey
17:30	[55] Deconfinement transition in two-flavour lattice QCD with dynamical overlap fermions in an external magnetic field	Mr KOCHETKOV, Oleg
17:50	[297] Magnetic properties of the QCD medium	Mr MARITI, Marco
18:10	[401] Effects of an external magnetic field on the QGP	LEVKOVA, Ludmila