The 34th International Symposium on Lattice Field Theory (Lattice 2016)

Monday, 25 July 2016

Nonzero Temperature and Density - Building 32 Room 1015 (14:15 - 16:15)

-Conveners: Gergely Endrodi

time	[id] title	presenter
14:15	[363] Thermodynamics with physical mass staggered quarks	SZABO, Kalman
14:35	[274] Thermodynamics with continuum extrapolated overlap fermions	Prof. KATZ, Sandor Katz
14:55	[232] Strangeness at finite temperature	Dr BORSANYI, Szabolcs
15:15	[315] Continuum limit and universality of the Columbia plot	Dr DE FORCRAND, Philippe
15:35	[12] Critical endline of the finite temperature phase transition for 2+1 flavor QCD around the SU(3)-flavor symmetric point	Dr NAKAMURA, Yoshifumi
15:55	[291] New results for QCD at non-vanishing chemical potentials from Taylor expansion	LAERMANN, Edwin

Nonzero Temperature and Density - Building 32 Room 1015 (16:45 - 18:45)

-Conveners: Kazuyuki Kanaya

time	[id] title	presenter
16:45	[160] The QCD deconfinement critical point as a function of N_t with N_f=2 flavours of unimproved Wilson fermions	Mr CZABAN, Christopher
17:05	[159] Roberge-Weiss transition in Nf=2 QCD with staggered fermions and Nt=6	Mr SCIARRA, Alessandro
17:25	[143] The chiral phase transition from non-integer flavour numbers with staggered fermions	Ms CUTERI, Francesca
17:45	[21] Roberge-Weiss periodicity and confinement-deconfinement transition	Dr KASHIWA, Kouji
18:05	[165] The Roberge-Weiss endpoint in $N_f=2+1$ QCD at the physical point	Mr MESITI, Michele
18:25	[41] Locating the critical end point of QCD	Prof. FISCHER, Christian

Tuesday, 26 July 2016

Nonzero Temperature and Density - Building 32 Room 1015 (14:00 - 16:00)

-Conveners: Christian Schmidt

time	[id] title	presenter
14:00	[252] Results on the heavy-dense QCD phase diagram using complex Langevin	Mr ATTANASIO, Felipe
14:20	[151] Testing dynamic stabilization in complex Langevin simulations	Dr JAEGER, Benjamin
14:40	[329] Sign problem in heavy-dense QCD from a density-of-states perspective	Dr GARRON, Nicolas
15:00	[93] Functional Fit Approach (FFA) for Density of States method: SU(3) spin system and SU(3) gauge theory with static quarks	Mr GIULIANI, Mario
15:20	[33] Complex Langevin Dynamics for a Random Matrix Model of QCD at finite density	Dr ZAFEIROPOULOS, Savvas
15:40	[209] Spontaneous symmetry breaking induced by complex fermion determinant --- yet another success of the complex Langevin method	Dr ITO, Yuta

Nonzero Temperature and Density - Building 32 Room 1015 (16:30 - 18:30)

-Conveners: Francesco Di Renzo

time	[id] title	presenter
16:30	[20] Complex Langevin for Lattice QCD at $T=0$ and $\mu \ge 0$.	Dr SINCLAIR, Donald
16:50	[79] On complex Langevin dynamics and zeroes of the determinant	Prof. AARTS, Gert
17:10	[395] Comparison of CLE and reweighting for QCD at nonzero density	Dr SEXTY, Denes
17:30	[242] On the condition for correct convergence in the complex Langevin method	SHIMASAKI, Shinji
17:50	[225] Gauge cooling for the singular-drift problem in the complex Langevin method - an application to finite density QCD	Dr NAGATA, Keitaro
18:10	[124] Reweighting trajectories from the complex Langevin method	Dr BLOCH, Jacques

Wednesday, 27 July 2016

Nonzero Temperature and Density - Building 32 Room 1015 (09:00 - 11:00)

-Conveners: Jaeger Benjamin

time	[id] title	presenter
09:00	[276] Simulating low dimensional QCD on Lefschetz thimbles	Dr SCHMIDT, Christian
09:20	[40] Lefschetz-thimble approach to the Silver Blaze problem of one-site fermion model	Dr TANIZAKI, Yuya
09:40	[413] Talk withdrawn	
10:00	[130] Simulating thimble regularization of lattice quantum field theories (including LGT)	Dr DI RENZO, Francesco
10:20	[114] Complex spectrum of spin models for finite-density QCD	Dr NISHIMURA, Hiromichi
10:40	[174] Study of the sign problem in canonical approach	SUZUKI, Asobu

Nonzero Temperature and Density - Building 32 Room 1015 (11:30 - 12:30)

-Conveners: Denes Sexty

time	[id] title	presenter
11:30	[201] Equation of state in (2+1)-flavor QCD with gradient flow	Prof. KANAYA, Kazuyuki
11:50	[319] The QCD equation of state at finite density from analytical continuation	Ms GÜNTHER, Jana
12:10	[188] Phase diagram of the O(3) model from dual lattice simulations	Dr BRUCKMANN, Falk

Thursday, 28 July 2016

Nonzero Temperature and Density - Building 32 Room 1015 (14:00 - 16:00)

-Conveners: Edwin Laermann

time	[id] title	presenter
14:00	[316] Open charm correlators and spectral functions at high temperature	Dr SKULLERUD, Jon-Ivar
14:20	[231] Charm quark diffusion coefficient from nonzero momentum Euclidean correlator in temporal channel	Mr IKEDA, Atsuro
14:40	[121] Stochastic approaches to extract spectral functions from Euclidean correlators	Mr SHU, Haitao
15:00	[370] Stochastic reconstruction of charmonium spectral functions at finite temperature	Dr OHNO, Hiroshi
15:20	[25] A gauge invariant Debye mass for the complex heavy-quark potential	Dr ROTHKOPF, Alexander
15:40	[245] Static and non-static vector screening masses	Mr STEINBERG, Aman

Nonzero Temperature and Density - Building 32 Room 1015 (16:30 - 18:30)

-Conveners: Falk Bruckmann

time	[id] title	presenter
16:30	[86] QCD with isospin chemical potential: pion condensation	Dr ENDRODI, Gergely
16:50	[90] QCD with isospin chemical potential: low densities and Taylor expansion	Dr BRANDT, Bastian
17:10	[112] Study of the phase diagram of dense QC$_2$D with $N_f=2$ within lattice simulation	Mr NIKOLAEV, Aleksandr
17:30	[149] Two-colour QCD at finite density with two flavours of staggered quarks	Mr HOLICKI, Lukas
17:50	[239] Non-Local effective SU(2) Polyakov loop model from inverse Monte-Carlo methods	Mr BAHRAMPOUR, Bardiya
18:10	[169] Relative weights approach to dynamical fermions at finite densities	Dr GREENSITE, Jeffrey

Friday, 29 July 2016

Nonzero Temperature and Density - Building 32 Room 1015 (14:00 - 16:00)

-Conveners: Alexander Rothkopf

time	[id] title	presenter
14:00	[365] Axion Phenomenology from Unquenched Lattice QCD	Prof. MARTINELLI, Guido
14:20	[84] Parity doubling of nucleons and Delta baryons across the deconfinement phase transition	Mr DE BONI, Davide
14:40	[314] Parity doubling in two-color and two-flavor gauge theory at high temperature	Dr LEE, Jong-Wan
15:00	[146] Chiral transition, eigenmode localisation and Anderson-like models	Dr GIORDANO, Matteo
15:20	[223] Anderson localisation of Dirac eigenmodes in high temperature QCD	Dr COSSU, Guido
15:40	[59] Precision test of the gauge/gravity duality in two-dimensional N=(8,8) SYM	Dr KADOH, Daisuke

Nonzero Temperature and Density - Building 67 Room 1027 (14:00 - 16:00)

-Conveners: Philippe de Forcrand

time	[id] title	presenter
14:00	[341] A worm algorithm for the lattice CP(N-1) model	Mr RINDLISBACHER, Tobias
14:20	[95] The CP(2) Model at Nonzero Chemical Potential	Dr EVANS, Wynne
14:40	[290] What we can learn from two-dimensional QCD-like theories at finite density	Dr WELLEGEHAUSEN, Bjoern
15:00	[144] Comparison of algorithms for solving the sign problem of the finite μ O(3) model in 1+1 dimensions	Mr TOROK, Csaba
15:20	[157] Scalar QCD at nonzero density	Mr WELLNHOFER, Jacob
15:40	[278] Effective Polyakov Loop Models for QCD-like Theories at Finite Density	Mr SCIOR, Philipp

Nonzero Temperature and Density - Building 67 Room 1027 (16:30 - 18:30)

-Conveners: Jacques Bloch

time	[id] title	presenter
16:30	[367] The Nuclear and Chiral Transition in the Strong Coupling Regime of Lattice QCD	Mr UNGER, Wolfgang
16:50	[70] Quark Mass Dependence of the QCD Critical End Point in the Strong Coupling Limit	Dr KIM, Jangho
17:10	[347] Thermodynamics of strongly-coupled lattice QCD in the chiral limit	VAIRINHOS, Helvio
17:30	[63] Abelian color cycles: a new approach to strong coupling expansion and dual representation for non-abelian lattice gauge theory.	Ms MARCHIS, Carla
17:50	[133] Landau Levels in Lattice QCD	Dr PITTLER, Ferenc
18:10	[405] Thermalisation properties of various field theories	Ms HOMOR, Marietta Magdolna

Nonzero Temperature and Density - Building 32 Room 1015 (16:30 - 18:30)

-Conveners: Kalman Szabo

time	[id] title	presenter
16:30	[180] Thermodynamics of strongly interacting plasma with high accuracy	Dr PEPE, Michele
16:50	[167] Determination of latent heat at the finite temperature phase transition of SU(3) gauge theory	Dr EJIRI, Shinji
17:10	[207] Temperature dependence of topological susceptibility using gradient flow	Dr TANIGUCHI, Yusuke
17:30	[374] Using Wilson flow to study the deconfinement transition	Dr DATTA, Saumen
17:50	[54] Temperature dependence of shear viscosity in SU(3)-gluodynamics	Dr BRAGUTA, Victor
18:10	[250] Viscosity of the pure SU(3) gauge theory revisited	Dr PASZTOR, Attila