

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

Monday, July 25, 2016

Nonzero Temperature and Density - Building 32 Room 1015 (2:15 PM - 4:15 PM)

-Conveners: Gergely Endrodi

time	[id] title	presenter
2:15 P	[M63] Thermodynamics with physical mass staggered quarks	SZABO, Kalman
2:35 P	[M74] Thermodynamics with continuum extrapolated overlap fermions	Prof. KATZ, Sandor Katz
2:55 P	[M32] Strangeness at finite temperature	Dr BORSANYI, Szabolcs
3:15 P	[M15] Continuum limit and universality of the Columbia plot	Dr DE FORCRAND, Philippe
3:35 P	[M2] Critical endline of the finite temperature phase transition for 2+1 flavor QCD around the SU(3)-flavor symmetric point	Dr NAKAMURA, Yoshifumi
3:55 P	[M91] New results for QCD at non-vanishing chemical potentials from Taylor expansion	LAERMANN, Edwin

Nonzero Temperature and Density - Building 32 Room 1015 (4:45 PM - 6:45 PM)

-Conveners: Kazuyuki Kanaya

time	[id] title	presenter
4:45 P	[M60] The QCD deconfinement critical point as a function of N_t with $N_f=2$ flavours of unimproved Wilson fermions	Mr CZABAN, Christopher
5:05 P	[M59] Roberge-Weiss transition in $N_f=2$ QCD with staggered fermions and $N_t=6$	Mr SCIARRA, Alessandro
5:25 P	[M43] The chiral phase transition from non-integer flavour numbers with staggered fermions	Ms CUTERI, Francesca
5:45 P	[M1] Roberge-Weiss periodicity and confinement-deconfinement transition	Dr KASHIWA, Kouji
6:05 P	[M65] The Roberge-Weiss endpoint in $N_f=2+1$ QCD at the physical point	Mr MESITI, Michele
6:25 P	[M1] Locating the critical end point of QCD	Prof. FISCHER, Christian

Tuesday, July 26, 2016

Nonzero Temperature and Density - Building 32 Room 1015 (2:00 PM - 4:00 PM)

-Conveners: Christian Schmidt

time	[id] title	presenter
2:00 P	M52] Results on the heavy-dense QCD phase diagram using complex Langevin	Mr ATTANASIO, Felipe
2:20 P	M51] Testing dynamic stabilization in complex Langevin simulations	Dr JAEGER, Benjamin
2:40 P	M29] Sign problem in heavy-dense QCD from a density-of-states perspective	Dr GARRON, Nicolas
3:00 P	M3] Functional Fit Approach (FFA) for Density of States method: SU(3) spin system and SU(3) gauge theory with static quarks	Mr GIULIANI, Mario
3:20 P	M3] Complex Langevin Dynamics for a Random Matrix Model of QCD at finite density	Dr ZAFEIROPOULOS, Savvas
3:40 P	M09] 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 (4:30 PM - 6:30 PM)

-Conveners: Francesco Di Renzo

time	[id] title	presenter
4:30 P	M0] Complex Langevin for Lattice QCD at $T=0$ and $\mu \geq 0$.	Dr SINCLAIR, Donald
4:50 P	M9] On complex Langevin dynamics and zeroes of the determinant	Prof. AARTS, Gert
5:10 P	M95] Comparison of CLE and reweighting for QCD at nonzero density	Dr SEXTY, Denes
5:30 P	M42] On the condition for correct convergence in the complex Langevin method	SHIMASAKI, Shinji
5:50 P	M25] Gauge cooling for the singular-drift problem in the complex Langevin method - an application to finite density QCD	Dr NAGATA, Keitaro
6:10 P	M24] Reweighting trajectories from the complex Langevin method	Dr BLOCH, Jacques

Wednesday, July 27, 2016

Nonzero Temperature and Density - Building 32 Room 1015 (9:00 AM - 11:00 AM)

-Conveners: Jaeger Benjamin

time	[id] title	presenter
9:00 AM	[M76] Simulating low dimensional QCD on Lefschetz thimbles	Dr SCHMIDT, Christian
9:20 AM	[M40] Lefschetz-thimble approach to the Silver Blaze problem of one-site fermion model	Dr TANIZAKI, Yuya
9:40 AM	[M13] Talk withdrawn	
10:00 AM	[M30] Simulating thimble regularization of lattice quantum field theories (including LGT)	Dr DI RENZO, Francesco
10:20 AM	[M14] Complex spectrum of spin models for finite-density QCD	Dr NISHIMURA, Hiromichi
10:40 AM	[M74] Study of the sign problem in canonical approach	SUZUKI, Asobu

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

-Conveners: Denes Sexty

time	[id] title	presenter
11:30 AM	[M21] Equation of state in (2+1)-flavor QCD with gradient flow	Prof. KANAYA, Kazuyuki
11:50 AM	[M19] The QCD equation of state at finite density from analytical continuation	Ms GÜNTHER, Jana
12:10 PM	[M8] Phase diagram of the O(3) model from dual lattice simulations	Dr BRUCKMANN, Falk

Thursday, July 28, 2016

Nonzero Temperature and Density - Building 32 Room 1015 (2:00 PM - 4:00 PM)

-Conveners: Edwin Laermann

time	[id] title	presenter
2:00 P	[M16] Open charm correlators and spectral functions at high temperature	Dr SKULLERUD, Jon-Ivar
2:20 P	[M31] Charm quark diffusion coefficient from nonzero momentum Euclidean correlator in temporal channel	Mr IKEDA, Atsuro
2:40 P	[M21] Stochastic approaches to extract spectral functions from Euclidean correlators	Mr SHU, Haitao
3:00 P	[M70] Stochastic reconstruction of charmonium spectral functions at finite temperature	Dr OHNO, Hiroshi
3:20 P	[M5] A gauge invariant Debye mass for the complex heavy-quark potential	Dr ROTHKOPF, Alexander
3:40 P	[M45] Static and non-static vector screening masses	Mr STEINBERG, Aman

Nonzero Temperature and Density - Building 32 Room 1015 (4:30 PM - 6:30 PM)

-Conveners: Falk Bruckmann

time	[id] title	presenter
4:30 P	[M6] QCD with isospin chemical potential: pion condensation	Dr ENDRODI, Gergely
4:50 P	[M0] QCD with isospin chemical potential: low densities and Taylor expansion	Dr BRANDT, Bastian
5:10 P	[M12] Study of the phase diagram of dense QCD with $N_f=2$ within lattice simulation	Mr NIKOLAEV, Aleksandr
5:30 P	[M49] Two-colour QCD at finite density with two flavours of staggered quarks	Mr HOLICKI, Lukas
5:50 P	[M39] Non-Local effective SU(2) Polyakov loop model from inverse Monte-Carlo methods	Mr BAHRAMPOUR, Bardiya
6:10 P	[M69] Relative weights approach to dynamical fermions at finite densities	Dr GREENSITE, Jeffrey

Friday, July 29, 2016

Nonzero Temperature and Density - Building 32 Room 1015 (2:00 PM - 4:00 PM)

-Conveners: Alexander Rothkopf

time	[id] title	presenter
2:00 P	[M65] Axion Phenomenology from Unquenched Lattice QCD	Prof. MARTINELLI, Guido
2:20 P	[M4] Parity doubling of nucleons and Delta baryons across the deconfinement phase transition	Mr DE BONI, Davide
2:40 P	[M14] Parity doubling in two-color and two-flavor gauge theory at high temperature	Dr LEE, Jong-Wan
3:00 P	[M46] Chiral transition, eigenmode localisation and Anderson-like models	Dr GIORDANO, Matteo
3:20 P	[M23] Anderson localisation of Dirac eigenmodes in high temperature QCD	Dr COSSU, Guido
3:40 P	[M9] 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 (2:00 PM - 4:00 PM)

-Conveners: Philippe de Forcrand

time	[id] title	presenter
2:00 P	[M41] A worm algorithm for the lattice $CP(N-1)$ model	Mr RINDLISBACHER, Tobias
2:20 P	[M5] The $CP(2)$ Model at Nonzero Chemical Potential	Dr EVANS, Wynne
2:40 P	[M90] What we can learn from two-dimensional QCD-like theories at finite density	Dr WELLEGEHAUSEN, Bjoern
3:00 P	[M44] Comparison of algorithms for solving the sign problem of the finite μ $O(3)$ model in 1+1 dimensions	Mr TOROK, Csaba
3:20 P	[M57] Scalar QCD at nonzero density	Mr WELLNHOFER, Jacob
3:40 P	[M78] Effective Polyakov Loop Models for QCD-like Theories at Finite Density	Mr SCIOR, Philipp

Nonzero Temperature and Density - Building 67 Room 1027 (4:30 PM - 6:30 PM)

-Conveners: Jacques Bloch

time	[id] title	presenter
4:30 P	[M67] The Nuclear and Chiral Transition in the Strong Coupling Regime of Lattice QCD	Mr UNGER, Wolfgang
4:50 P	[M0] Quark Mass Dependence of the QCD Critical End Point in the Strong Coupling Limit	Dr KIM, Jangho
5:10 P	[M47] Thermodynamics of strongly-coupled lattice QCD in the chiral limit	VAIRINHOS, Helvio
5:30 P	[M3] Abelian color cycles: a new approach to strong coupling expansion and dual representation for non-abelian lattice gauge theory.	Ms MARCHIS, Carla
5:50 P	[M33] Landau Levels in Lattice QCD	Dr PITTLER, Ferenc
6:10 P	[M05] Thermalisation properties of various field theories	Ms HOMOR, Marietta Magdolna

Nonzero Temperature and Density - Building 32 Room 1015 (4:30 PM - 6:30 PM)

-Conveners: Kalman Szabo

time	[id] title	presenter
4:30 P	M180] Thermodynamics of strongly interacting plasma with high accuracy	Dr PEPE, Michele
4:50 P	M167] Determination of latent heat at the finite temperature phase transition of SU(3) gauge theory	Dr EJIRI, Shinji
5:10 P	M207] Temperature dependence of topological susceptibility using gradient flow	Dr TANIGUCHI, Yusuke
5:30 P	M174] Using Wilson flow to study the deconfinement transition	Dr DATTA, Saumen
5:50 P	M194] Temperature dependence of shear viscosity in SU(3)-gluodynamics	Dr BRAGUTA, Victor
6:10 P	M150] Viscosity of the pure SU(3) gauge theory revisited	Dr PASZTOR, Attila