

The 39th International Symposium on Lattice Field Theory (Lattice 2022)

Tuesday, August 9, 2022

Non-zero Temperature: QCD at Non-zero Temperature I - CP1-HSZ/0.011 (CP1-HSZ) - HS1 (2:00 PM - 4:00 PM)

-Conveners: Harvey B. Meyer

time	[id] title	presenter
2:00 PM	[417] Chiral spin symmetry and the QCD phase diagram	PHILIPSEN, Owe
2:20 PM	[255] Finite temperature QCD phase transition with 3 flavors of Mobius domain wall fermions	ZHANG, Yu
2:40 PM	[324] Progress on the QCD Deconfinement Critical Point for $N_{\text{f}}=2$ Staggered Fermions	KAISER, Reinhold
3:00 PM	[218] The chiral phase transition at nonzero imaginary baryon chemical potential for different numbers of quark flavours	D'AMBROSIO, Alfredo
3:20 PM	[429] Parallel tempering algorithm applied for the deconfinement transition of quenched QCD	KARA, Ruben
3:40 PM	[389] Topological features of the deconfinement transition in quenched QCD	VIG, Reka Agnes

Non-zero Temperature: QCD at Non-zero Temperature II - CP1-HSZ/0.011 (CP1-HSZ) - HS1 (4:30 PM - 6:30 PM)

-Conveners: Owe Philipsen

time	[id] title	presenter
4:30 PM	[225] Charm fluctuations in (2+1)-flavor QCD at high temperature	SHARMA, Sipaz
4:50 PM	[219] Absence of inhomogeneous phases in 2+1-dimensional Four-fermion and Yukawa models	WINSTEL, Marc
5:10 PM	[128] Euclidean correlators at imaginary spatial momentum in thermal QCD	TÖRÖK, Csaba
5:30 PM	[333] Complex potential at $T>0$ from fine lattices	PARKAR, Gaurang

Wednesday, August 10, 2022

Non-zero Temperature: QCD at Non-zero Temperature III - CP1-HSZ/0.011 (CP1-HSZ) - HS1 (2:00 PM - 4:00 PM)

-Conveners: Yasumichi Aoki

time	[id] title	presenter
2:00 PM	[135] Phase structure and critical point in heavy-quark QCD at finite temperature	KANAYA, Kazuyuki
2:20 PM	[178] Novel bottomonium spectral results	PAGE, Ben
2:40 PM	[421] New results for thermal interquark bottomonium potentials using NRQCD from the HAL QCD method	SPRIGGS, Thomas
3:00 PM	[11] Heavy quark diffusion coefficient with gradient flow	LEINO, Viljami
3:20 PM	[190] The heavy quark diffusion coefficient from 2+1 flavor lattice QCD	ALTENKORT, Luis
3:40 PM	[313] Study of charm and beauty in QGP from unquenched lattice QCD	ALI, Sajid

Non-zero Temperature: QCD at Non-zero Temperature IV - CP1-HSZ/0.011 (CP1-HSZ) - HS1 (4:30 PM - 6:30 PM)

-Conveners: Issaku Kanamori

time	[id] title	presenter
4:30 PM	[432] Recent results from the FASTSUM Collaboration	ALLTON, Chris
4:50 PM	[363] Charm baryons at finite temperature on anisotropic lattices	BIGNELL, Ryan
5:10 PM	[172] QCD mesonic screening masses and restoration of chiral symmetry at high T	LAUDICINA, Davide
5:30 PM	[300] Topology and the Dirac spectrum in hot QCD	KOVACS, Tamas G.
5:50 PM	[346] Anomalous transport phenomena on the lattice	GARNACHO VELASCO, Eduardo

Friday, August 12, 2022

Non-zero Temperature: QCD at Non-zero Temperature V - CP1-HSZ/0.011 (CP1-HSZ) - HS1 (2:10 PM - 4:10 PM)

-Conveners: Sipaz Sharma

time	[id] title	presenter
2:10 PM	[372] Lattice QCD with an inhomogeneous magnetic field background	MARQUES VALOIS, Adeilton Dean
2:30 PM	[165] QCD phase diagram in a magnetic background	MAIO, Lorenzo
2:50 PM	[272] Topology in electromagnetic fields and the axion-photon coupling	HERNÁNDEZ HERNÁNDEZ, José Javier
3:10 PM	[237] Photon and dilepton production rate in the quark-gluon plasma from lattice QCD	MEYER, Harvey B.
3:30 PM	[184] Photon production rate from Transverse-Longitudinal (T-L) mesonic correlator on the lattice.	BALA, Dibyendu
3:50 PM	[121] A $(2+1)$ -flavor lattice study of the pion quasiparticle in the thermal hadronic phase at physical quark masses	KRASNIQI, Ardit

Non-zero Temperature: QCD at Non-zero Temperature VI - CP1-HSZ/0.011 (CP1-HSZ) - HS1 (4:40 PM - 6:40 PM)

-Conveners: Tamas G. Kovacs

time	[id] title	presenter
4:40 PM	[174] Thermodynamics with Möbius domain wall fermions near physical point (I)	AOKI, Yasumichi
5:00 PM	[301] Thermodynamics with Möbius domain wall fermions near physical point (II)	KANAMORI, Issaku
5:20 PM	[75] Thermal phase transition in rotating QCD with dynamical quarks	ROENKO, Artem
5:40 PM	[422] Non-perturbative determination of couplings in Polyakov loop effective theories	WINTEROWD, Christopher
6:00 PM	[257] Mean-field approximation of effective theories of lattice QCD	KONRAD, Christoph
6:20 PM	[375] Electric charge fluctuations using 4HEX quarks	BORSANYI, Szabolcs