

Asia-Pacific Symposium for Lattice Field Theory (APLAT 2020)

Tuesday, 4 August 2020

QCD at nonzero Temperature and Density: Session 4-1 B (14:00 - 15:40)

-Conveners: Shinji Ejiri

time	[id] title	presenter
14:00	[1] Thermal transition in QCD with $N_f=2+1$ flavours of Wilson quark	AARTS, Gert
14:20	[66] Chiral phase transition temperature in (2+1)-flavor QCD	LAHIRI, Anirban
14:40	[138] Dirac eigenvalue spectrum and its relation to $U(1)_A$ symmetry breaking in high temperature $N_f = 2 + 1$ QCD	ZHANG (*), Yu
15:00	[38] Grand Canonical Distribution from LQCD for experiment data analysis	GOY, Vladimir
15:20	[109] Energy-like observables for the chiral phase transition of 2+1 flavor QCD	SARKAR (*), Mugdha

QCD at nonzero Temperature and Density: Session 4-2 A (16:00 - 17:40)

-Conveners: Gert Aarts

time	[id] title	presenter
16:00	[106] A new perspective to hadronic excitations above T_c	ROHRHOFER (*), Christian
16:20	[71] Fluctuations of conserved charges in a background magnetic field	LI (*), Sheng-Tai
16:40	[61] Anisotropic pressure induced by finite-size effects at nonzero temperature in $SU(3)$ Yang-Mills theory	KITAZAWA, Masakiyo
17:00	[62] QCD Equation of State in External Magnetic Field and at Finite Baryon Density	KOLOMOYETS, Natalia
17:20	[34] What is chiral susceptibility probing?	FUKAYA, Hidenori

Wednesday, 5 August 2020

QCD at nonzero Temperature and Density: Session 5-1 C (14:00 - 15:40)

-Conveners: Jun Nishimura

time	[id] title	presenter
14:00	[139] Simulation of complexified U(1) lattice gauge theory	ZIEGLER (*), Felix
14:20	[137] Complex Langevin analysis of 2D U(1) gauge theory on a torus with a θ term	YOSPRAKOB (*), Atis
14:40	[79] Complex Langevin analysis of four-dimensional SU(2) gauge theory with a theta term	MATSUMOTO (*), Akira
15:00	[131] Inhomogeneous phases in the 2+1-dimensional Gross-Neveu model in the limit of infinite fermion flavors	WINSTEL (*), Marc
15:20	[128] Partial deconfinement for some bosonic matrix models	WATANABE (*), Hiromasa

Thursday, 6 August 2020

QCD at nonzero Temperature and Density: Session 6-1 C (14:00 - 15:40)

-Conveners: Heng-Tong Ding

time	[id] title	presenter
14:00	[115] Heavy quark diffusion coefficient from lattice QCD	SHU (*), Hai-Tao
14:20	[126] Gell-Mann-Oakes-Renner relation in external magnetic fields at zero temperature	WANG (*), Xiao-Dan
14:40	[77] Shear viscosity of classical Yang-Mills field with use of scaling invariance	MATSUDA (*), Hidefumi
15:00	[52] Sparse modeling approach to obtaining the shear viscosity from smeared correlation functions	ITOU, Etsuko
15:20	[17] Lattice study of rotating gluodynamics	BRAGUTA, Victor

Friday, 7 August 2020

QCD at nonzero Temperature and Density: Session 7-2 C (17:00 - 18:00)

-Conveners: Waseem Kamleh

time	[id] title	presenter
17:00	[141] Towards color superconductivity on the lattice --- perturbative predictions and the complex Langevin method	YOKOTA (*), Takeru
17:20	[95] Baryons in the Gross-Neveu model in 1+1 dimensions at finite number of flavors	PANNULLO (*), Laurin
17:40	[92] QCD at nonzero temperature and density	OHNISHI, Akira