

Lattice 2023

Monday, 31 July 2023

QCD at Non-zero Density - Sunrise (16:00 - 17:40)

-Conveners: Christian Schmidt

time	[id] title	presenter
16:00	[83] The phase diagram at finite baryon and isospin densities at strong coupling	UNGER, Wolfgang
16:20	[215] QCD at large isospin density: 6144 pions in a box	DETMOLD, William
16:40	[18] A New Way to Compute the Pseudoscalar Screening Mass at Finite Chemical Potential	Dr HEGDE, Prasad
17:00	[175] Chemical potential dependence of the endpoint of the first-order phase transition in the heavy-quark region of finite-temperature lattice QCD	EJIRI, Shinji
17:20	[208] Detecting Lee Yang/Fisher singularities by multi-point Padè	Prof. DI RENZO, Francesco

Tuesday, 1 August 2023

QCD at Non-zero Density - Comitium (16:20 - 18:00)

-Conveners: Wolfgang Unger

time	[id] title	presenter
16:20	[77] Complex control variates	YAMAUCHI, Yukari
16:40	[67] Applying the Worldvolume Hybrid Monte Carlo method to the complex ϕ^4 theory at finite density	NAMEKAWA, Yusuke
17:00	[66] Applying the Worldvolume Hybrid Monte Carlo method to dynamical fermion systems	FUKUMA, Masafumi
17:20	[95] Monte Carlo study of Schwinger model without the sign problem	OHATA, Hiroki
17:40	[384] The magnetized Gross-Neveu model at finite chemical potential	MANDL, Michael

Friday, 4 August 2023

QCD at Non-zero Density - Sunrise (09:00 - 10:40)

-Conveners: Yukari Yamauchi

time	[id] title	presenter
09:00	[236] Analysis on phases in the Gross-Neveu Model on the lattice with shape-based clustering method	NONAKA, Chiho
09:20	[169] Staggered rooting and unphysical phases at finite baryon density	WONG, Chik Him
09:40	[217] Universal scaling and the asymptotic behaviour of Fourier coefficients of the baryon number density	SCHMIDT, Christian
10:00	[255] Searching for the QCD critical point using Lee-Yang edge singularities	CLARKE, David
10:20	[362] QCD equation of state in the presence of magnetic fields at low density	Mr MARQUES VALOIS, Adeilton Dean