

Lattice 2024

Monday, 29 July 2024

QCD at non-zero temperature: TR5 (11:15 - 13:15)

-Conveners: Anders Tranberg

time	[id] title	presenter
11:15	[258] In- and out-of-equilibrium aspects of the Chiral Magnetic Effect	GARNACHO-VELASCO, Eduardo
11:35	[169] Baryon electric charge correlation as a magnetometer of QCD	GU, Jin-Biao
11:55	[300] Shear viscosity from quenched to full lattice QCD	PAVAN, Pavan
12:15	[327] Thermal photon production rate from lattice QCD	BALA, Dibyendu
12:35	[481] Adjoint chromoelectric correlators for heavy quarkonium diffusion	MAYER-STEUDTE, Julian
12:55	[264] An update on the determination of the sphaleron rate in finite temperature QCD	D'ANGELO, Francesco

QCD at non-zero temperature: TR5 (14:15 - 16:15)

-Conveners: Johann Ostmeier

time	[id] title	presenter
14:15	[135] Constraints on the Dirac spectrum from chiral symmetry restoration and the fate of $\mathcal{U}(1)_A$ symmetry	GIORDANO, Matteo
14:35	[208] QCD topology, axions and electromagnetic fields	HERNÁNDEZ HERNÁNDEZ, José Javier
14:55	[147] QCD Anderson transition with overlap valence quarks on a twisted-mass sea	KEHR, Robin
15:15	[152] Localization of Dirac modes in the finite temperature SU(2)-Higgs model	BARANKA, György
15:35	[107] Pseudoscalar Screening Mass at Finite Temperature and Magnetic Field	THAKKAR, Rishabh

Tuesday, 30 July 2024

QCD at non-zero temperature: LT2 (11:15 - 12:35)

-Conveners: Alexei Bazavov

time	[id] title	presenter
11:15	[119] Towards a parameter-free determination of critical exponents and chiral phase transition temperature in QCD	Dr MITRA, Sabarnya
11:35	[203] Three-flavour QCD phase transition with Mobius domain-wall fermions	Dr ZHANG, Yu
11:55	[191] Charm thermodynamics near chiral crossover	Dr SHARMA, Sipaz
12:15	[246] QCD thermodynamics on the physical point with 2+1 flavor Möbius domain wall fermions	AOKI, Yasumichi

Wednesday, 31 July 2024

QCD at non-zero temperature: Flex2 (11:15 - 12:55)

-Conveners: Yasumichi Aoki

time	[id] title	presenter
11:15	[261] NRQCD Bottomonium spectrum at non-zero temperatures using Backus-Gilbert regularisations	SMECCA, Antonio
11:35	[443] NRQCD Bottomonium at non-zero temperature using time-derivative moments	HOROHAN D'ARCY, Rachel
11:55	[414] Anisotropic excited bottomonia from a basis of smeared operators	BIGNELL, Ryan
12:15	[477] Nonrelativistic QCD Study of Bottomonia at Finite Temperatures on a Finer Lattice	HUANG, Wei-Ping
12:35	[341] Quarkonia Spectral Functions from (2+1)-flavor QCD using Non-perturbative Thermal Potential	Dr ALI, Sajid

Friday, 2 August 2024

QCD at non-zero temperature: TR5 (14:15 - 16:15)

-Conveners: Masakiyo Kitazawa

time	[id] title	presenter
14:15	[114] Computation of the latent heat of the deconfinement phase transition of SU(3) Yang-Mills theory	VIRZÌ, Luca
14:35	[62] Non-perturbative thermal QCD at very high temperatures	GIUSTI, Leonardo
14:55	[87] The Equation of State of QCD up to the Electro-Weak scale - part 1	PEPE, Michele
15:15	[100] The Equation of State of QCD up to the Electro-Weak scale - part 2	BRESCIANI, Matteo
15:35	[86] Baryonic screening masses at very high temperatures	LAUDICINA, Davide
15:55	[98] Pseudo-scalar meson spectral properties from spatial hadron correlators	UEDING, Tristan