

Strangeness in Quark Matter 2024 (SQM 2024)

mardi 4 juin 2024

Track4-Bulk&Phase - Room Bruxelles (08:30 - 10:10)

-Présidents de session: Elena Bratkovskaya

time	[id] title	presenter
08:30	[145] Bayesian constraints on the high density QCD EoS from Heavy-ion collision data	Dr OMANA KUTTAN, Manjunath
08:50	[62] 4D-TEs: A new 4D lattice-QCD equation of state with extended density coverage	Dr JAHAN, Johannes
09:10	[268] Equilibrium expectations for non-Gaussian fluctuations near a QCD critical point	KARTHEIN, Jamie
09:30	[68] Critical point fluctuations in heavy-ion collisions within molecular dynamics with expansion	KUZNIETSOV, Volodymyr
09:50	[283] Bayesian location of the QCD critical point: a holographic perspective	RATTI, Claudia

Track4-Bulk&Phase - Room Bruxelles (10:40 - 12:20)

-Présidents de session: Marcus Bleicher

time	[id] title	presenter
10:40	[121] QCD equation of state, critical point and hydrodynamics of fluctuations	STEPHANOV, Mikhail
11:00	[124] Modeling spinodal decomposition in a rapidly expanding fluid	SINGH, Mayank
11:20	[171] Exploring the QCD phase diagram with collective flow at STAR	SHI, Shusu Prof. SHI, Shusu
11:40	[89] Probing the speed of sound in QGP with multi-particle $\langle p_{\text{T}} \rangle$ cumulants in ALICE	GORM NIELSEN, Emil
12:00	[287] Measuring the speed of sound in the QGP with the CMS experiment	MURRAY, Michael

Track4-Bulk&Phase - Room Bruxelles (14:00 - 16:00)

-Présidents de session: Anar Rustamov

time	[id] title	presenter
14:00	[203] Simulating collectivity in dense baryon matter with multiple fluids	KARPENKO, Iurii
14:20	[269] Bayes-DREENA for QGP parameter inference from unified high and low-pt data	DJORDJEVIC, Magdalena
14:40	[74] Dependences of directed flow on the net electric charge, strangeness, and baryon number from quark coalescence	LIN, Zi-Wei
15:00	[168] Measurement of charge-dependent directed flow in STAR Beam Energy Scan (BES-II) Au+Au and U+U Collisions	FARHAN TASEER, Muhammad
15:20	[309] Dynamics of the chiral critical point in QCD, diffusion coefficient in Model G	GROSSI, EDUARDO
15:40	[293] A Realistic Coalescence Model for Deuteron Production	HORST, Maximilian

Track4-Bulk&Phase - Room Bruxelles (16:30 - 18:10)**-Présidents de session: Mesut ARSLANDOK**

time	[id] title	presenter
16:30	[195] Collision Energy Dependence of Hypertriton Production in Au+Au Collisions at RHIC	LI, Xiujun
16:50	[82] Studying (anti)nucleosynthesis via event-by-event fluctuations at the LHC with ALICE	CIACCO, Mario
17:10	[83] Study of baryon-strangeness and charge-strangeness correlations in Pb--Pb collisions at 5.02 TeV with ALICE	SAHA, Swati
17:30	[163] Measurements of Kaon Femtoscopy in Au+Au Collisions at $\sqrt{s_{NN}} = 3.0 - 4.5$ GeV by the STAR experiment	FAN, Bijun
17:50	[229] Measurement of strange particle femtoscopic correlations at the CMS experiment	PRADHAN, Raghunath

mercredi 5 juin 2024

Track4-Bulk&Phase - Room Bruxelles (08:30 - 10:10)

-Présidents de session: Francesco Becattini

time	[id] title	presenter
08:30	[60] Entropy production and dissipation in spin hydrodynamics: Relativistic quantum-statistical approach	DAHER, Asaad
08:50	[66] Spin alignment of vector mesons by glasma fields	YANG, Di-Lun
09:10	[169] Measurement of global and local spin polarization of Λ and $\bar{\Lambda}$ in Au+Au collisions from the RHIC Beam Energy Scan	HU, Qiang
09:30	[172] Spin polarization of fermions at local equilibrium: second order gradient expansion	SHENG, Xin-Li
09:50	[99] Investigation of early magnetic field and angular momentum in ultrarelativistic heavy-ion collisions via $D^{\{+ \}}$ -meson spin alignment with ALICE	SHARMA, Himanshu

Track4-Bulk&Phase - Room Bruxelles (10:40 - 12:20)

-Présidents de session: Fuqiang Wang

time	[id] title	presenter
10:40	[220] Initial conditions and bulk viscosity effects on Λ polarization in high-energy heavy ion collisions	PALERMO, Andrea
11:00	[232] Hyperon polarization along the beam direction in pPb collision at CMS	LI, Chenyan
11:20	[298] Differential measurements of ϕ -meson global spin alignment in Au+Au collisions at STAR	WILKS, Gavin
11:40	[299] Measuring the Global Spin Alignment of ϕ meson in Heavy Ion Collisions by STAR	ROBERTSON, CW
12:00	[221] Magnetic field effect on hadron yield ratios and fluctuations in a hadron resonance gas	VOVCHENKO, Volodymyr