

Strangeness in Quark Matter 2022 (SQM 2022)

Tuesday 14 June 2022

PA-Bulk matter phenomena, QCD phase diagram, and Critical point (09:00 - 10:20)

-Conveners: Olga Soloveva

time	[id] title	presenter
09:00	[36] Measurement of quarkonium elliptic flow in pPb collisions at 8.16 TeV with the CMS detector	LEE, Kisoo
09:20	[26] Equilibrium and Dynamical Properties of Hot and Dense Quark-Gluon matter from Holographic Black Holes	GREFA, Joaquin
09:40	[27] (3+1)-D viscous hydrodynamics CLVisc at finite net baryon density: identified particle spectra, anisotropic flows and flow fluctuations across BES energies	WU, Xiang-Yu
10:00	[29] Quarkonia production and elliptic flow in small systems measured with ALICE	SADEK, Rita

PA-Bulk matter phenomena, QCD phase diagram, and Critical point (10:50 - 12:30)

-Conveners: Mesut Arslanok

time	[id] title	presenter
10:50	[22] Collectivity and baryon junctions in ultra-peripheral heavy-ion collisions	SHEN, Chun
11:10	[47] Observation of azimuthal angular decorrelation in dijet photoproduction in ultraperipheral lead-lead collisions at 5.02 TeV with the CMS experiment	BYLINKIN, Aleksandr
11:30	[64] Particle production as a function of underlying event-activity and very forward energy with ALICE	FAN, Feng
11:50	[70] Freezing out critical fluctuations	SUSHAMA PRADEEP, Maneesha
12:10	[98] Femtoscopic measurements of two-kaons combinations in Au+Au collisions at the STAR experiment	PAWŁOWSKA, Diana

PA-Bulk matter phenomena, QCD phase diagram, and Critical point (14:00 - 15:40)

-Conveners: Min Jung Kweon

time	[id] title	presenter
14:00	[99] Seventh and eighth order cumulants of net-proton number distributions in heavy-ion collisions at RHIC-STAR	PANDAV, Ashish
14:20	[100] Measurements of global and local polarization of hyperons in 200 GeV isobar collisions from STAR	GOU, Xingrui GOU, Xingrui
14:40	[211] Measurements of collectivity in the forward region at LHCb	CORREDOIRA, Imanol
15:00	[109] Elliptic and triangular flow of (multi-)strange hadrons and ϕ mesons in BES-II energies at STAR	LIU, Like
15:20	[115] Global spin alignment of ϕ and K^0_S vector mesons in Au+Au collisions from RHIC BES-II program	WILKS, Gavin

PA-Bulk matter phenomena, QCD phase diagram, and Critical point (16:10 - 17:10)**-Conveners: Beomkyu Kim**

time	[id] title	presenter
16:10	[117] Elliptic flow of strange and multi-strange hadrons in isobar collisions at $\sqrt{s_{\mathrm{NN}}} = 200$ GeV at RHIC	SINHA, Priyanshi
16:30	[128] Search for the Chiral Magnetic Wave in Pb–Pb collisions with the ALICE detector	WU, Wenya
16:50	[138] QCD phase diagram in strong magnetic fields from competition between the magnetic catalysis and the QCD Kondo effect	HATTORI, Koichi

Wednesday 15 June 2022

PA-Bulk matter phenomena, QCD phase diagram, and Critical point (08:40 - 10:20)

-Conveners: Zi-Wei Lin

time	[id] title	presenter
08:40	[139] Calculating QCD phase diagram trajectories of nuclear collisions using a semi-analytical model	MENDENHALL, Todd
09:00	[144] Local equilibrium and Lambda polarization in high energy heavy ion collisions	PALERMO, Andrea PALERMO, Andrea
09:20	[148] Resummed lattice QCD equation of state at finite baryon density: strangeness neutrality and beyond	PAROTTO, Paolo
09:40	[152] Assessing critical point signatures through proton intermittency in NA61/SHINE	Dr DAVIS, Nikolaos DAVIS, Nikolaos
10:00	[170] Quark susceptibilities, transport properties and heavy quark production in an extended Quasi-Particle Model with $N_f=2+1+1$ flavors	SAMBATARO, Maria Lucia

PA-Bulk matter phenomena, QCD phase diagram, and Critical point (10:50 - 12:30)

-Conveners: Vytautas Vislavicius

time	[id] title	presenter
10:50	[103] Interplay between core and corona from small to large systems	KANAKUBO, Yuuka
11:10	[216] Fluctuations in heavy ion collisions and global conservation effects	Dr POBEREZHNYUK, Roman
11:30	[228] Longitudinal decorrelation measurements from pp to A+A with the ATLAS detector	NAGLE, James Lawrence
11:50	[233] New constraints of QCD matter from improved Bayesian parameter estimation with the latest LHC data	KIM, Dong Jo
12:10	[242] Lattice QCD results for the heavy quark diffusion coefficient	ALTENKORT, Luis

PA-Bulk matter phenomena, QCD phase diagram, and Critical point (10:50 - 12:30)

-Conveners: Philipp Gubler

time	[id] title	presenter
10:50	[177] Exploration of the phase diagram within a transport approach	Dr SOLOVEVA, Olga
11:10	[180] Anomalous enhancement of dilepton production due to soft modes in dense quark matter	NISHIMURA, Toru
11:30	[186] Net-conserved charge fluctuations in ALICE and long-term perspectives	ARSLANDOK, Mesut
11:50	[187] Measurements of charge, strangeness, and baryon number balance functions in pp and Pb-Pb collisions in ALICE	BASU, Sumit
12:10	[196] Novel Effects of Rotational Polarization in Relativistic Nuclear Collisions	LIAO, Jinfeng

PA-Bulk matter phenomena, QCD phase diagram, and Critical point (12:10 - 12:30)

-Conveners: Aleksas Mazeliauskas

time	[id] title	presenter
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12:10	[245] Dynamics of the QCD matter in heavy ion collisions and binary neutron star mergers	Dr MOTORNENKO, Anton
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