



CNT QGP Meet 2015

16-20 November, 2015, Variable Energy Cyclotron Centre, Kolkata, India

Scientific Program: 16th November 2015

	Time	Topic	Speaker	
Session-1	09:30 AM	Inauguration		
	10:00 AM	Overview	Ralf Rapp	
11:00-11:30 AM Tea / Coffee				
Session-2	11:30 AM	QCD quasi particles and correlation functions in a nontrivial background	Purnendu Chakraborty	
	12:15 PM	Fluctuations and correlations in heavy ion collisions	Abhijit Bhattacharyya	
1:00-2:30 PM Lunch				
Session- 3	2:30 PM	Multiplicity distributions in hadronic collisions	Sadhana Dash	
	3:15 PM	Dynamical Restoration of SZ_N Symmetry in $SU(N)$ +Higgs Theories	Minati Biswal	
	3:40 PM	Speed of Sound in Hadronic Matter using Non-extensive Statistics	Arvind Khuntia	
	4:05-4:30 PM Tea / Coffee			
	4:30 PM	Compton back-scattering photons for quark-gluon plasma tomography	Somnath De	
	4:55 PM	Non-extensive statistics with radial flow and systematic study of particle spectra at RHIC and LHC	Dhananjaya Thakur	
6:00 PM: Evening Lecture by Prof. Pijushpani Bhattacharjee				
7:00 PM: Dinner hosted by Director, VECC				



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	Time	Topic	Speaker	
Session-4	9:30 AM	Precision extraction of QGP properties	Steffen Bass	
	10:15 AM	Study of shear viscosity of strongly interacting systems from Polyakov-Nambu-Jona-Lasinio model	Sudipa Upadhaya	
	10:40 AM	Study of finite size effects from Polyakov-Nambu--Jona-Lasinio model	Kinkar Saha	
11:05-11:30 AM Tea / Coffee				
Session-5	11:30 AM	Estimating transport coefficients in hot and dense quark matter	Hiranmay Mishra	
	12:15 PM	Thermodynamic properties of spin asymmetric QGP matter using MIT bag model	Kausik Pal	
	12:40 PM	Weak magnetic field effect on pion dispersion relations	Souvik Priyam Adhya	
1:05-2:30 PM Lunch				
Session-6	2:30 PM	Power spectrum of flow fluctuations in relativistic heavy-ion collisions	Ajit Srivastava	
	3:15 PM	Hydrodynamics with shadowing	Md. Hasanujjman	
	3:40 PM	Strangeness Evolution in Au+Au Collisions at FAIR Energy	S. Ahmad	
	4:05-4:30 PM Tea / Coffee			
	4:30 PM	Multi Strange Hyperon Productions at Relativistic Heavy Ion Collisions	Purabi Ghosh	
	4:55 PM	An estimation of the possible flux of galactic strangelets in the solar neighborhood	Sayan Biswas	



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	Time	Topic	Speaker	
Session-7	9:30 AM	Heavy quarks in deconfined plasma: insights from lattice QCD.	Saumen Datta	
	10:15 AM	Quarkonia production in Pb+Pb collisions at LHC energies	Prashant Shukla	
11:00-11:25 AM Tea / Coffee				
Session-8	11:25 AM	Heavy quark propagation at RHIC and LHC	Santosh Das	
	12:10 AM	Measurement of angular correlations between D mesons and charged particles in pp and p-Pb collisions with ALICE at the LHC	Somnath Kar	
	12:35 PM	Elliptic flow of heavy flavour decay muons at relativistic heavy ion collisions	Umme Jamil Begum	
1:00-2:30 PM Lunch				
Session-9	2:30 PM	Momentum space anisotropy and heavy quark-dynamics in a QGP medium	Vinod Chandra	
	3:15 PM	Quarkonia Disintegration due to time dependence of the $\bar{q}q$ potential in Relativistic Heavy Ion Collisions	Partha Bagchi	
	3:40 PM	Can heavy quarkonia be used as a thermometer for QGP?	Nirupam Dutta	
	4:05-4:30 PM Tea / Coffee			
	4:30 PM	Heavy quark energy loss in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Kapil Saraswat	
	4:55 PM	Charmonium Suppression in a Unified Model at RHIC and LHC	P. K. Srivastava	
	5:20 PM	Quarkonium dissociation temperature on hot QCD medium by quasi particle model	Indrani Nilima	



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Scientific Program: 19th November 2015

	Time	Topic	Speaker	
Session-10	9:30 AM	Conserved charge fluctuations in relativistic heavy ion collisions	M. Asakawa	
	10:15 AM	Study of cross correlations susceptibilities of conserved charge fluctuation at RHIC energies	Arghya Chatterjee	
	10:40 AM	Temperature Fluctuations in Heavy Ions Collision: What we can learn?	Sumit Basu	
11:05-11:30 AM Tea / Coffee				
Session-11	11:30 PM	Time Evolution of Temperature Fluctuation in a Non-Equilibrated System	Trambak Bhattacharyya	
	11:55 PM	Event-by-event Multiplicity Fluctuations in Pb-Pb Collisions in ALICE	Maitreyee Mukherjee	
	12:20 PM	Effects of phase transition induced density fluctuations on pulsar dynamics	Arpan Das	
12:45-2:30 PM Lunch				
Session-12	2:30 PM	Study of Coalescence and Collectivity in pPb and Pb-Pb collisions at LHC energy using String Melting version of A Multiphase Transport Model	Debojit Sarkar	
	2:55 PM	Effects of Shadowing in Glauber Model	Sushant Singh	
	3:20 PM	Transport coefficient of hot hadrons	Sukanya Mitra	
	3:45 PM	Bulk Viscosity of Hadronic Resonance Gas	Golam Sarwar	
	4:10-4:30 PM Tea / Coffee			
	4:30 PM	Fluctuations	Sourendu Gupta: Lead discussion	
7:00 PM: Conference Dinner				



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Scientific Program: 20th November 2015

	Time	Topic	Speaker
Session-11	9:30 AM	Elliptic and Tringular Flow of Photons at RHIC and LHC	Rupa Chatterjee
	9:55 AM	Entanglement effect and the dilepton rate	Aminul Islam Chowdhury
	10:20 AM	Phenomenological modeling of electromagnetic emission in ultra-relativistic heavy ion collisions.	Pradyumna Kumar
	10:45	Reaction-diffusion equations in ultra-high energy heavy-ion and pp collisions: Effective first order quark-hadron transition and DCC formation.	Srikumar Sengupta
11:10 -11:35 AM Tea / Coffee			
	11:35 PM	Summary	
	12:30 PM	CONCLUDING REMARKS ----- END	
1:30 PM Lunch			

NB- All 25 and 45 -minutes talks include 5 and 10 minutes discussion respectively.

CNT QGP MEET-2015

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web : <http://indico.vecc.gov.in/indico/conferenceDisplay.py?confid=38>

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