International Conference on
Matter at Extreme Conditions: Then & Now

15 - 17 January, 2014

Programme

Venue : ***Bose Institute Centenary Campus, Kankurgachi***

Date	Duration	Topic	Speaker
15/1/14	9 – 9.30 AM	Registration & Inauguration	Welcome – S. Raha Inauguration - B. Sinha Thanks – S.K. Ghosh
	9:30– 10.10	Overview - Theory	J. P. Blaizot
	10.10 – 10.50	Overview – Expt.	K. Safarik
	10.50 – 11.20	*HIGH TEA*	
	11.20 – 11.55	What have we learned from angular correlation studies in p–Pb collisions ?	Panos Christakoglou
	11.55 – 12.10	Overview of quarkonia measurements in pPb and PbPb collisions with CMS	Prashant Shukla
	12.10 – 12:25	Upsilon production in Pb – Pb and p – Pb collisions at forward rapidity with ALICE at LHC	Palash Khan
	12.25 – 12:45	Nuclear suppression of muons at forward rapidity at relativistic heavy ion coll.	Umme Jamil
	12.45 – 1.00	Rapidity dependence of produced particles at FAIR energies	Kalyan Dey
	1:00 – 2.00pm	*LUNCH*	
	3:00 – 6:00 pm	*FEST- COLLOQUIUM (BI Main Campus - Razabazar)*	

16/1/14	9:30 – 10:05 AM	Equation of state in Dense matter and Neutron Star	T. Hatsuda
	10.05 – 10.40	Exploring the properties of matter at Neutron Star core densities in heavy-ion collisions at FAIR	P. Senger
	10.40 – 10.55	Insight into supernova-GRB connection	Sayan Chakraborti
	10:55 – 11:10	Modification of kick velocity of Neutron star due to Fermi liquid effect	Souvik Priyam Adhya
	11:10 – 11:25	Maximum mass and radial modes of hybrid stars in presence of strong magnetic field	Niharranjan Panda
	11:25 – 11:45	*TEA*	
	11:45 – 12:20	UA(1) breaking effects and eta’ at finite temperature	S. H. Lee
	12.20 – 12.35	QCD backscattering photon in Relativistic heavy ion collisions	Somnath De
	12.35 – 12.50	On direct photon production at RHIC and LHC energies – a theoretical approach	P. Guptaroy
	12:50 : 2:00	*LUNCH*	
	2:00 – 3:00	POSTER SESSION	
	3:00 – 3:35	Perturbative QCD at nonzero temperature and density : Recent developments	Purnendu Chakraborti
	3.35 – 3:50	Three loop HTLpt thermodynamics at finite temperature and baryon chemical potential	Najmul Haque
	3:50 – 4:05	Thermodynamics of non-ideal quark gluon plasma using Mayer's cluster expansion	P. Jayaprakash

	4:05 – 4:30	*TEA*	
	4:30 – 5:05	The Multiple Facets of Correlation Functions	Claude Pruneau
	5:05 – 5:20	Long range correlations	Sudipan De
	5:20 – 5:35	Medium effects on the transport coefficients of pion gas	Sukanya Mitra
	5:35 – 5:50	Relativistic third-order viscous hydrodynamics from kinetic theory	Amaresh Jaisawal
	5:50 – 6:05	Analytical approach for the approximate solution of the gluon distribution function with respect to GLR-MQ evolution eqn. at small x	Mayuri Devee

17/1/14	9:30 – 10:05	Hadrons and multi-hadrons from lattice QCD	Nilmani Mathur
	10.05 – 10:40	De-confinement and the clustering of color sources	B. Srivastava
	10:40 – 10.55	Baryon Anti-baryon segregation in the early universe due to spontaneous CP violation from QCD Z(3) domains	Abhishek Atreya
	10:55 – 11:10	On realizability of relativistic acoustic geometry under a generalized perturbative scheme for matter flow onto a Schwarzschild black hole	Deepika Anand
	11.10 – 11:30	*TEA*	
	11.30 – 12:05	Heavy quarks in QGP: Boltzman vs Langevin dynamics	Vincenzo Greco
	12.05 – 12:20	Imaginary part of the medium modified heavy quark potential	Lata Thakur
	12:20 – 12:35	Effect of flow on heavy quark damping rate in hot QCD plasma	Sreemoyee Sarkar
	12:35 – 12:50	Gluon radiation off heavy flavour jets	Trambak Bhattacharyay
	12:50 – 1:50	*LUNCH*	
	1.50 – 2:25	The equation of state at finite chemical potential	Sourendu Gupta
	2:25-2:40	Exploring QCD critical region in QCD like 2flavour models	Vivek Tiwari
	2:40-2:55	Multiple freezeout	Sandeep Chatterjee
	2:55 – 3:30	Exploring the Phase Diagram of QCD Matter with the RHIC Beam Energy Scan	Dan Cebra
	3:30 – 4:00	*TEA*	
	4:00 – 4:40	Summary - theory	Ajit Srivastava
	4:40 – 5:20	Summary Expt	Subhashis Chattopadhyay