

Room L1

Friday 17th December

Time	Title	Author
09:30	String Theory with an eye towards particle physics	Sandip Trivedi
10:15	Conformal Hydrodynamics Using AdS/CFT	Shiraz Minwalla
11:00	TEA	
11:30	Loop Quantum Gravity	Ghanashyam Date
12:15	QCD Phase Diagram	Sourendu Gupta
13:00	LUNCH	

Room L3

Parallel Sessions- Friday, 17th December 2010

STQGMP

Time	Title	Author
14:30	Equivalency between different approaches of finding the positive definite metric in pseudo-Hermitian theories.	Ananya Ghatak
14:50	Canonical transformations and forms of BRST symmetry.	Sumit Rai
15:10	The Euclidean Yang-Mills theory from Gribov-Zwanziger Theory.	Sudhaker Upadhyay
15:30	Finite nilpotent symmetry in field/antifield formulation.	Bhabani Prasad Mandal
15:50	TEA BREAK	
16:10	Monopoles and flux strings in broken SU(2).	Chandrasekhar Chatterjee
16:30	Exceptional orthogonal polynomials, QHJ formalism and SWKB quantization condition.	Sree Ranjani S
16:50	Effect of Topology on The Critical Charge in Graphene.	Baishali chakraborty
17:10	On the Relationship between Translational groups and Gauge transformations.	Tomy Scaria

Room L2

Parallel Sessions- Friday, 17th December 2010

PAC

Time	Title	Author
14:30	Dark Matter Halo Model in Milky Way and it's Implication for Direct Detection of WIMP-s on Earth.	Soumini Chaudhury
14:50	Scale Invariance and the Cosmological Constant Problem.	Naveen
15:10	Dipolar dark matter.	Soumya Rao
15:30	Constraining Scalar Singlet Dark Matter with CDMS, XENON, DAMA and COGENT and Prediction for Direct Detection Rates.	Debasish Majumdar
15:50	TEA BREAK	
16:10	Neutrino Signal from Dark Matter Annihilation in Sun: Implication of Self-consistent Model of Milky Way Dark Halo.	Susmita Kundu
16:30	Bulk viscosity in a realistic strange star.	Raka Ray Mandal
16:50	Searching for lunar Čerenkov emission by Ultra High Energy Cosmic rays using GMRT.	Sukanta Panda
17:10		

Room L5

Parallel Sessions- Friday, 17th December 2010

BSMP & NEUT & MORE

Time	Title	Author
14:30	Discover potential of Supersymmetry at LHC with 7TeV centre of Mass Energy	Dipan Sengupta
14:50	Flavor Unification, proton decay and LHC signatures with low scale S_4 symmetry.	Kalpana Bora
15:10	Effective mass of heavy Majorana neutrino from the study of neutrinoless double beta decay.	Ramesh Chandra
15:30	Neutrino masses and mixing in μ -SSM.	Pradipta Ghosh
15:50	TEA BREAK	
16:10	P wave charmonium spectrum in a relativistic quark model.	Kumar Vijaya (Baghyesh)
16:30		
16:50	Phenomenological Analysis of Neutrino Mass Matrices with a Texture Zero and a Vanishing Minor and their CP-Odd Weak Basis Invariants	Shivani Gupta
17:10	A General Relativistic Study of Neutrino Path in Rotating Neutron Stars.	Sarbani Majumder

Forward-Backward Asymmetry of Top Quark at Tevatron using 4 Fermions Operators and Top FCNC Approach	Ritesh Kumar Singh
Search for the minimal universal extra dimension model at the 7 TeV LHC.	Kirtiman Ghosh
Screening Effects and n-Vortex Configurations in dual QCD.	H. Nandan
The mass splittings of bottom mesons from the charm sectors.	Alka Upadhyay
Corelation between Conserved Charges in PNJL Model	Anirban Lahiri