

Room L1

Tuesday, 14th December

| | Title | Auhor |
|-------|--|-----------------|
| 09:30 | Top and Higgs Studies at LHC | Vivek Sharma |
| 10:15 | Recent Results from Lattice QCD | Steven Gottlieb |
| 11:00 | TEA | |
| 11:30 | Search for Critical Point: From RHIC to FAIR | Y. P. Viyogi |
| 12:15 | Dedicated poster session continued into lunch hour | FOYER |
| 13:00 | LUNCH | |

Room L3

Parallel Sessions- Tuesday, 14th December 2010

QCDHP

| Time | Title | Author |
|-------------|---|-----------------------|
| 14:30 | Weak hadronic decays of heavy flavor baryons emitting p-wave mesons. | Rohit Dhir |
| 14:50 | Bc meson decays involving pseudoscalar and p-wave mesons in the final state using non-relativistic model. | Nishu Vats |
| 15:10 | Eta-nucleon coupling constant in QCD with SU(3) symmetry breaking. | Janardan Prasad singh |
| 15:30 | Fragmentation of nonet vector meson using SU(3) model. | Hari Saveetha |
| 15:50 | TEA BREAK | |
| 16:10 | Calculation of the chiral condensate in lattice QCD with 2-flavour dynamical Wilson fermion | Santanu Mondal |
| 16:30 | Scale Determination in LQCD with Dynamical Wilson Fermions. | Sangita Sarkar |
| 16:50 | Lattice QCD with Wilson Fermion. | Anwesa Sarkar |
| 17:10 | Lattice study of hadronic screening masses close to deconfinement transition. | M. Padmanath |

Room L1

Parallel Sessions- Tuesday, 14th December 2010

NEUT+PAC

| Time | Title | Author |
|-------------|---|--------------------------------|
| 14:30 | The onset of the bipolar flavor conversion of the supernova neutrinos. | Indranath Bhattachary ya |
| 14:50 | Tracing Cosmic Accelerators with Decaying Neutrons. | Reetanjali |
| 15:10 | Four Texture Zero Fermion Mass Matrices in SO (10) GUT. | S Dev |
| 15:30 | Neutrino masses and different mixing scenario with charged lepton correction. | Mrinal Kr Das |
| 15:50 | TEA BREAK | |
| 16:10 | Neutrino and Dark Matter Physics with sub-keV Germanium Detector. | Lakhwinder Singh |
| 16:30 | Neutrino magnetic moment searches through atomic Ionization. | Arun Kumar |
| 16:50 | Non-Stationary Evolution of Primordial Black Holes in Brans-Dicke Theory. | Bibekanand Nayak |
| 17:10 | Baryogenesis without baryon number violation. | Anjishnu Sarkar |

Room L5

Parallel Sessions- Tuesday, 14th December 2010

QMRHIC & BSMP

| Time | Title | Author |
|-------------|--|------------------|
| 14:30 | ρ_0 vector-meson elliptic flow (v_2) measurement in STAR experiment at RHIC. | Prabhat Pujahari |
| 14:50 | Quark Number Susceptibility in Hard Thermal Loop Perturbation Theory. | Najmul Haque |
| 15:10 | 2+1 Flavor Quark Meson Linear Sigma Model with Polyakov Loop Potential and Symmetry Restoration Effects. | Vivek Tiwari |
| 15:30 | Reconstruction Efficiency of J/ψ at CBM Experiment. | Mukesh Sharma |
| 15:50 | TEA BREAK | |
| 16:10 | TeV scale Left-Right Symmetry with spontaneous D-parity breaking. | Debasish Borah |
| 16:30 | KK Graviton and Z boson associated production in ADD Model at the LHC via Gluon fusion. | Ambresh Shivaji |
| 16:50 | Scale of spontaneous parity violation and consistent cosmology. | Urjit A Yajnik |
| 17:10 | Spin Identification of the RS graviton using Di-photon signals. | M.C.Kumar |