

*Schedule of the two day seminar in Physics  
Department, University of Calcutta*

**Date: 27.06.2012**

<i>Time</i>	<i>Speaker</i>	<i>Title of talk</i>
1030-1115	Abhijit Lahiri	Coherence in classical and quantum optics
1115 - 1130	Shyamal Biswas	Thermodynamics of quantum gases for the entire range of temperature
1130 - 1145	Sanchari Goswami	Wealth exchange models: a walk scenario
1145 - 1200	<b>Tea</b>	
1200 -1215	Soma Mitra	Coherent and saturating resonances in multilevel lambda- and vee-type systems
1215 - 1230	Chirashree Lahiri	Study of neutron drip line and astrophysical r-process using a new mass formula
1230 - 1245	Kartick Malik	Sb concentration dependent structural and resistive properties of polycrystalline Bi-Sb alloys
1245 -1300	Sayantani Das	Optical Properties of Fe-doped CdSe Nanostructures
1300-1400	<b>Lunch</b>	
1400 - 1445	Dipankar Das	To be announced
1445 - 1500	Srabantika Ghosh	Ferromagnetism in polycrystalline ZnO enriched with defects
1500 - 1515	Swarup Kumar Neogi	Effect of low energy ion implantation on Transition Metal doped ZnO thin films
1515 - 1530	<b>Tea</b>	
1530 - 1545	Sirshendu Bhattacharyya	Transverse Ising chain under periodic and pulse-field
1545 - 1600	Kasturi Banerji	Surface properties of a modified ballistic deposition model
1600 - 1615	Roshni Bose	Understanding the Higgs Parameter Space from $B \rightarrow \tau + \nu$ with R-Parity Violation
1615 - 1630	Saptarshi Pal	Defect identification in 700 Kev Oxygen irradiated polycrystalline ZnO

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<i>Time</i>	<i>Speaker</i>	<i>Title of talk</i>
1030-1115	Rupayan Bhattacharya	Effect of tensor interaction in Skyrme-Hartree-Fock theory on the evolution of nuclear shells
1115 - 1130	Ujjal Dey	Universal Extra Dimensions : Life with Boundary Localised Kinetic Terms (1)
1130 - 1145	Avirup Shaw	Universal Extra Dimensions : Life with Boundary Localised Kinetic Terms (2)
1145 - 1200	<b>Tea</b>	
1200 -1215	Paramita Mallick	Phase diagram of a frustrated Ising model on square lattice
1215 -1230	Amrita Mandal	Ferromagnetism and Magnetodielectric Effect in CdS Nanosheets
1230 -1245	Mridula Rani Jana	Ion Impact Dissociation of Molecules
1245 -1300	Abdul Khalek	A model of epidemic spreading on Euclidean networks
1300-1400	<b>Lunch</b>	
1400 - 1415	Pratanu Chakravarty	Study of structural and magnetic properties of bulk Zn <sub>0.98</sub> Mn <sub>0.02</sub> O samples
1415 - 1430	Tushar Kanti Bose	A simple and realistic molecular model for ferroelectric discotic nematic phase
1430 - 1445	Sreemanta Mitra	Ultrathin Manganese Nanosheets: Ferromagnetism
1445 - 1500	Priyanka Poddar	NIR diode laser spectroscopy of atmospheric molecules
1500 - 1515	Shrabanti Dhar	Quantum first passage problem for a free particle in a box
1515 - 1530	<b>Tea</b>	
1530 - 1545	Suman Sinha	Dynamical Properties of Random Field Ising Model
1545 - 1600	Palash Nath	The Kinetic Roughening Behaviour of a Model Erosion Mechanism
1600 - 1615	Sunando Patra	New Observables for CPT Violation From $B_s$ Decay And Mixing