Poster Presentation Details

Poster Number	Author	Title of Poster
1st December 2014		
P-01	Urna Basu	The frenetic origin of negative differential response
P-02	Sayani Chatterjee	Zeroth law of thermodynamics for nonequilibrium steady states in contact
P-03	Pritha Dolai	Nonequilibrium Fluctuations in a Sheared Model-fluid
P-04	Arnab Pal	Work Fluctuation Theorems under Stochastic Driving
P-05	Shubhashis Rana	Single Particle Stochastic Heat Engine
P-06	Somrita Ray	Non-equilibrium entropic temperature and its lower and upper bounds for non-Markovian stochastic dynamics.
P-07	Tushar Kanti Bose	Ferroelectric liquid crystalline order in systems of dipolar disk-like ellipsoids.
P-08	Saurish Chakrabarty	Super-cooled liquids in the presence of quenched disorder
P-09	Prasenjit Das	Spinodal Decomposition in Binary Fluid Mixtures : A Model H study in d=3.
P-10	Swarnajit Chatterjee	Characterizing critical behavior of disordered XY Model
P-11	Arghya Dutta	Ginzburg-Landau Theory Near the Multicritical Point of Exotic Superconductors.
P-12	Suman Dutta	Direct Probe to Dynamical Heterogeneity in a Driven Colloid.
P-13	Ajay Halder	Wave propagation through Ising magnet: Pattern formation and Phase transition
P-14	Abdul Khaleque	Zero temperature dynamics of Ising model on complex networks
P-15	Avanish Kumar	Pattern Formation And Morphological phase separation in thin liquid films on coated substrates under the influence of gravity.
P-47	Shauri Chakrabarty	Active sliders in a fluctuating potential: dynamics and ordering
2nd December 2014		
P-16	Subhajit Paul	Dynamics of Clustering in Freely Cooling Granular Fluid
P-17	Atanu Rajak	Possibility of an adiabatic transport of an edge Majorana through an extended gapless region.
P-18	Biswarup Ash	Heterogeneous dynamics, glassiness and stretched exponential decay of correlations for Coulomb-interacting particles in confined systems.
P-19	Upayan Baul	Ion Hydration: Propagating Defects in Hydrogen Bond Network of Water and Reorientational Slowdown at Long Distances.
P-20	Anindita Shit	Investigation of activated escape of nonadiabatically, periodically driven dynamical system via Kapitza-Landau time window.
P-21	Prasad V.V.	Driven Inelastic Maxwell Gases
P-22	Deepak Bhat	Transport of intra-cellular organelles by elastically coupled motor proteins.
P-23	Subrata Dev	E. coli Chemotaxis: A First Passage Time Analysis

P-24	Alok Kumar Maity	Role of relaxation time scale in noisy signal transduction
P-25	Shubhendu Nandi	Gene regulation with time-dependent transcription rates
P-26	Mainak Pal	Biological switch: robustness versus noise-induced transitions.
P-27	Prasun Sarkar	Study of Linear Response in Glycolytic Oscillator.
P-28	Sabyasachi Sutradhar	The story of stable spindle formation.
P-48	Arghya Das	Thermodynamic Description of Phase Transition in Conserved-mass Transport Processes and Emergence of Power Laws.
P-49	Sumanta Kundu	Network Topology of a Desert Rose
P-50	Monalisa Singh Roy	Response of an Ising Ferromagnet driven by a Plane Travelling Magnetic Wave.
P-51	Suman Aich	Effect of Preferential Attachment on the Survival of the Smallest.
3rd December 2014		
P-29	Rakesh Chatterjee	System of interacting particles in a periodically moving potential
P-30	Soumyajyoti Biswas	Self-organized dynamics in local load sharing fiber bundle models.
P-31	Asim Ghosh	Inequality and Universality of Citation Distribution.
P-32	Shakti N. Menon	The fate of cooperation in random networks: The roles of community structure and noise.
P-33	Subhadeep Roy	Brittle to Quasi-brittle Transition in Fiber Bundle Model.
P-34	Amrita Singh	Statistical Mechanics Approach to Division of Labour using Modified Spatial Fixed-Threshold Model.
P-35	Biplab Bhattacherjee	Cyclic and coherent states in flocks with topological distance.
P-36	Preety Aneja	Inference of Optimal Characteristics of Thermodynamic Processes with Prior Information
P-37	Preeti Bhandari	Relaxation and possible dynamical transition in electron glass.
P-38	Chandana Mondal	Glassy dynamics and rheology of dense network forming colloids.
P-39	Analabha Roy	Dynamical Localization in coherently driven, quantum spin-fermion systems.
P-40	Amit Kr. Chatterjee	Cluster-factorized steady states in finite range processes.
P-41	Parna Roy	Exit probability in inflow dynamics.
P-42	Ayan Bhattacharya	Branching Random Walk with Step Size Coming from a Power Law.
P-43	Sanchari Goswami	Quantum random walker : Detector really matters.
P-44	Trisha Nath	Multiple phase transitions in extended hard-core lattice gas models.
P-45	Anjan Roy	Tagged particle diffusion in one-dimensional Hamiltonian systems.
P-46	Soumyajit Pramanick	Monte Carlo study of random phase Ising model at T=0 and T>0.
P-52	Chandreyee Roy	Fiber Bundle Model with Highly Disordered Breaking Strengths