

POSTER Presentations

1. **Suvechha Indu.** **Title :** Investigating the Origin of the Non-uniform Phases in a Dissipative Rydberg System.
2. **SATYABRATA JANA .** **Title:** Exotic coupled spin-charge states in decorated honeycomb magnets: A hybrid-Monte Carlo study.
3. **Pinaki Nayak .** **Title:** Computational model of cell migration mediated by Actin-Microtubule Crosstalk.
4. **Aditya Kumar Dutta.** **Title :** Effects of population ratio, motility, and noise on flocking stability in a multispecies Vicsek Model.
5. **DEBJITA GHOSH.** **Title:** Osmotic stress-induced changes in GUV membrane morphology and their effect on membrane tension.
6. **Surabhi Saha.** **Title:** Effects of noise and chromosome length on spindle morphogenesis in multi-centrosomal cells.
7. **Madhumita Kabiraj.** **Title:** Finite temperature phase diagram of the extended Bose-Hubbard model in the presence of disorder.
8. **Avinaba Mukherjee.** **Title:** Polarization and Feshbach-Detuning Based Relaxation Dynamics in Atomic-Molecular Bose Condensates in the Presence of Gaussian Noise.
9. **Avra Banerjee.** **Title :** Surface excitation of Rydberg dressed quantum droplet of Bose–Einstein Condensates.
10. **Ishita Tikader.** **Title :** Dynamical crossover in the Metastable Decay of a Needle-like Blume–Capel Ferromagnet.
11. **Anusree Sen.** **Title:** Coarse-grained simulation of multiple proteins under different solvent pH conditions including Dihedral coupling.
12. **Sabuj Mandal.** **Title :** Quasi-long ranged order in a colloidal liquid film in presence of quenched disorder.
13. **Pallabi Roy.** **Title :** Potential landscape of ultrasensitive transition of stochastic phosphorylation-dephosphorylation reaction.
14. **SOHAM DUTTA.** **Title :** Brownian Ellipsoid as a Stochastic Machine --- Dynamics and Thermodynamics.
15. **Soumalya Bhowmick.** **Title:** Coarse-grained Solvent-free Model for Computer Simulation of Self-assembled Amphiphiles.