

SMMK-2025, VENUE- SILVER JUBILEE HALL, SNBNCBS, KOLKATA		
<p align="center">Date: 19th September, 2025 Faculty talks -15 mins / Other talks – 10 mins.</p>		
Time	Speaker	Title of the Talk
9:00 - 10:00 AM	REGISTRATION	
10:00 - 10:15	Pulak Kumar Ghosh , Presidency University	Diffusion transients in motility-induced phase separation.
10:18 - 10:33	Sakuntala Chatterjee , SNBNCBS	Persistent exclusion process with time-periodic drive.
10:36 - 10:46	Amit Basak , IISER Kolkata	Evolution of cooperation in multichannel games on multiplex networks.
10:48 - 10:58	Saikat Dutta , IISER Kolkata	Enigma of two-dimensional melting in disordered environments.
11:00 - 11:30 AM	TEA BREAK	
11:30 - 11:45	Raj Kumar Sadhu , IIT KGP	Role of membrane mechanical properties on the functioning of mechano-sensitive membrane transporters.
11:48 - 12:03	Pintu Patra , IIT KGP	An Exactly Solvable Stochastic Model for Drug Accumulation in the Presence of Phenotype Switching.
12:06 - 12:21	Raj Kumar Manna , IIT KGP	The role of dynamical forces in symmetry-breaking during embryonic development.
12:24 - 12:34	Apurba Sarkar , IACS Kolkata	Mechanical regulation of mitotic spindle organization in multi-centrosomal cells.
12:36 - 12:46	Kalyan Kumar Banerjee , Jadavpur University	Impact of cholesterol on the ion-membrane interaction: Insights from electrostatics double layer theory.
12:48 - 12:58	Kanika Kole , SNBNCBS	Coarse-grained modelling of protein structures in solvent.
1:00 – 1:10	Triparna Mondal , IISER Kolkata	Signatures of quantum integrability in many-body systems
1:10 - 3:00 PM	LUNCH & POSTER PRESENTATION	

3:00 - 3:15	Raka Dasgupta , Calcutta University	Thermal melting of the incompressible lobes in the extended Bose–Hubbard model.
3:18 - 3:33	Analabha Roy , Burdwan University	Dynamical many-body localization in Floquet spin chains: From simple quantum magnets to discrete time crystals.
3:36 - 3:46	Chandradip Khamrai , SNBNCBS	A novel mechanism of ordering in coupled driven system: Vacancy induced phase separation.

3:48 - 3:58	Animesh Hazra , SNBNCBS	<i>Hyperuniformity in systems with center-of-mass conservation.</i>
4:00 - 4:30 PM	TEA BREAK	
4:30 - 4:45	Ankur Sensharma , Gour Banga University	<i>Impact of distortion on bond percolation in two and three dimensional lattices.</i>
4:48 - 5:03	Sahinur Reja , Jadavpur University	<i>Exotic coupled spin-charge order in frustrated magnets.</i>
5:06 - 5:21	Satyaki Kar , AKPC Mahavidyalaya	<i>Topology and spectra in a Su-Schrieffer-Heeger chain with periodically modulated hopping and/or non-Hermiticity.</i>
5:24 - 5:39	Sourabh Lahiri , BITS Mesra	<i>Microscopic heat engine subjected to stochastic resetting.</i>
5:42 - 5:57	Amit Ghosal , IISER Kolkata	<i>Re-entrant quantum melting in two-dimensional Gaussian core model within quantum harmonic approximation.</i>
6:00 PM	CLOSING REMARKS	