

36th M. Smoluchowski Symposium on Statistical Physics: Soft Matter, Information Processing and Nonequilibrium Fluctuations

Tuesday, September 26, 2023

Poster Session (4:30 PM - 6:00 PM)

time	[id] title	presenter
4:30 P	M43 Numerical Simulation of Lévy Flights Diffusion with Drift in Heterogeneous Membranes	CIESLA, Michal
4:31 P	M44 Binary mixtures of driven Brownian hard spheres in periodic potentials in one dimension	RYABOV, Artem
4:32 P	M43 Paradoxical nature of negative mobility in the weak dissipation regime	Mr WIŚNIEWSKI, Mateusz
4:33 P	M46 Non-equilibrium fermionic transport in a periodically-driven tilted lattice	Dr DE, Bitan
4:34 P	M49 Numerical search for dipolar liquid phase in Abelian gauge quantum Hamiltonians	RAKOV, Mykhailo
4:35 P	M50 Modeling tumor growth with the Allee effect	KRASOWSKA, Julianna
4:36 P	M49 Quantifying Active Nematic Turbulence	Dr HILLEBRAND, Malcolm
4:38 P	M16 A Stochastic Model of Translocation of Knotted Proteins	Dr CAPAŁA, Karol
4:39 P	M19 Obstacle facilitated control of active nematics	SCHIMMING, Cody
4:40 P	M22 Subdiffusion in a randomly inhomogeneous medium from a Fock Space Approach	ARAÚJO, Hugo
4:41 P	M44 Mapping the space of Turing patterns	Dr LARRAGUIVEL, Helder
4:42 P	M48 Necessity for Coarse Graining Empirical Densities and Currents in Continuous Space	DIEBALL, Cai
4:43 P	M40 Velocity-fluctuation-induced anomalous kinetics in multi-species reaction-diffusion system	Mr KECER, Matej
4:44 P	M49 Instabilities in helical magnetohydrodynamic turbulence: two-loop approach	OVSANNIKOV, Andrei
4:45 P	M47 Combination of two types of disorder in lattice random walk	SHAFIR, Dan
4:46 P	M45 How to use liquid state theory to predict jamming of hard spheres	ANZIVINO, Carmine
4:47 P	M48 The role of tissue in micro indentation tests of a plant cell	KRZEMIEN, Leszek
4:48 P	M44 Thermodynamically consistent modeling of fuel-driven active engines: effects of the self-propulsion parity	OH, Yongjae
4:50 P	M43 Emergent order in single-file active Ornstein-Uhlenbeck particles conditioned on dissipation	Mr LEE, Hojun
4:51 P	M22 Marginal fluctuation relations for currents	GARILLI, Alberto
4:52 P	M45 Giant enhancement of transport induced by active fluctuations via periodic potential	BIAŁAS, Karol
4:53 P	M47 Microscopic theory for the shear-induced structure distortion in concentrated suspensions of spherical colloids	ANZIVINO, Carmine
4:54 P	M41 A Deeper Look into Many-Body Localized Phases: Ergodic Bubbles and Correlation Function Differences	SZOŁDRA, Tomasz

4:55 PM [10] Growth kinetics of random sequential adsorption packings built of two-dimensional shapes with discrete orientations	ZANTOWICZ, Wiktor
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