

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

Tuesday, 26 September 2023

Poster Session (16:30 - 18:00)

| time | [id] title | presenter |
|-------|--|------------------------|
| 16:30 | [43] Numerical Simulation of Lévy Flights Diffusion with Drift in Heterogeneous Membranes | CIESLA, Michal |
| 16:31 | [44] Binary mixtures of driven Brownian hard spheres in periodic potentials in one dimension | RYABOV, Artem |
| 16:32 | [23] Paradoxical nature of negative mobility in the weak dissipation regime | Mr WIŚNIEWSKI, Mateusz |
| 16:33 | [46] Non-equilibrium fermionic transport in a periodically-driven tilted lattice | Dr DE, Bitan |
| 16:34 | [49] Numerical search for dipolar liquid phase in Abelian gauge quantum Hamiltonians | RAKOV, Mykhailo |
| 16:35 | [50] Modeling tumor growth with the Allee effect | KRASOWSKA, Julianna |
| 16:36 | [59] Quantifying Active Nematic Turbulence | Dr HILLEBRAND, Malcolm |
| 16:38 | [16] A Stochastic Model of Translocation of Knotted Proteins | Dr CAPAŁA, Karol |
| 16:39 | [19] Obstacle facilitated control of active nematics | SCHIMMING, Cody |
| 16:40 | [22] Subdiffusion in a randomly inhomogeneous medium from a Fock Space Approach | ARAÚJO, Hugo |
| 16:41 | [34] Mapping the space of Turing patterns | Dr LARRAGUIVEL, Helder |
| 16:42 | [38] Necessity for Coarse Graining Empirical Densities and Currents in Continuous Space | DIEBALL, Cai |
| 16:43 | [40] Velocity-fluctuation-induced anomalous kinetics in multi-species reaction-diffusion system | Mr KECER, Matej |
| 16:44 | [39] Instabilities in helical magnetohydrodynamic turbulence: two-loop approach | OVSANNIKOV, Andrei |
| 16:45 | [47] Combination of two types of disorder in lattice random walk | SHAFIR, Dan |
| 16:46 | [25] How to use liquid state theory to predict jamming of hard spheres | ANZIVINO, Carmine |
| 16:47 | [78] The role of tissue in micro indentation tests of a plant cell | KRZEMIEN, Leszek |
| 16:48 | [84] Thermodynamically consistent modeling of fuel-driven active engines: effects of the self-propulsion parity | OH, Yongjae |
| 16:50 | [83] Emergent order in single-file active Ornstein-Uhlenbeck particles conditioned on dissipation | Mr LEE, Hojun |
| 16:51 | [12] Marginal fluctuation relations for currents | GARILLI, Alberto |
| 16:52 | [15] Giant enhancement of transport induced by active fluctuations via periodic potential | BIAŁAS, Karol |
| 16:53 | [27] Microscopic theory for the shear-induced structure distortion in concentrated suspensions of spherical colloids | ANZIVINO, Carmine |
| 16:54 | [31] A Deeper Look into Many-Body Localized Phases: Ergodic Bubbles and Correlation Function Differences | SZOŁDRA, Tomasz |

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| 16:55 | [90] Growth kinetics of random sequential adsorption packings built of two-dimensional shapes with discrete orientations | ZANTOWICZ, Wiktor |
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