

34th M. Smoluchowski Symposium on Statistical Physics

Tuesday, 28 September 2021

Poster Session (18:00 - 19:00)

[id] title	presenter	board
[70] Influence of a magnetic field on the drainage mechanism of the thin liquid film (TLF) and real foams stabilized by magneto-reactive surfactants	Mr MARIUSZ , Borkowski	
[58] Macroion Conformation in Electrolyte Solution – Modelling, Experiment and Slender Body Hydrodynamics	Dr LUPA, Dawid	
[52] Anomalous dynamics governed by a generalized Langevin equation for the active Brownian particle in a viscoelastic polymer environment	Mr JOO, Sungmin	
[14] Hopf bifurcation in addition-shattering kinetic equations	MATVEEV, Sergey	
[38] Modeling cellular spreading and motility on curved surfaces	Dr SADHU, Raj Kumar	
[11] Application of the few-body quantum theory of scattering for guided control of chemical reaction and creation of the new molecular structures	POZDNEEV, Serg	
[34] Monte Carlo simulation of particle segregation in evaporating bi-dispersed colloidal droplets	Prof. KOLEGOV, Konstantin	
[32] ON DISPERSIONLESS TRANSPORT IN WASHBOARD POTENTIALS	MARCHENKO, Ivan	
[45] Collective Dynamical Screening of Disordered Ensembles: Correlation Function, Local Force Fluctuations and Structure Factor	KLIUSHNICHENKO, Oleksandr	
[9] Electron scattering by atoms and molecules, multiple scattering approximation, Faddeev-Yakubovsky equations	POZDNEEV, Serg	
[40] Active Brownian Motion with Directional Reversals	SANTRA, Ion	
[74] Roughness spectroscopy of particle monolayers	Prof. WEROŃSKI, Paweł	
[76] Design of structure of sodium alginate membranes filled with iron oxide nanoparticles based on experimental results and simulation of diffusion process	STRZELEWICZ, Anna KRASOWSKA, Monika	
[78] Monte Carlo simulations of liquid crystal phases: behind the scenes	KUBALA, Piotr	