33rd M. Smoluchowski Symposium on Statistical Physics

Thursday, 3 December 2020

Poster Session (18:00 - 19:15)

time	[id] title	presenter
18:00	[53] Detection of interaction and energy exchange with invisible partners in localized Brownian dumbbells	Dr SEROV, Alexander S.
18:01	[55] Statistical physics of inhomogeneous transport equations: first passage to the space-dependent diffusion	Dr BELOUSOV, Roman
18:02	[38] Kramers-like problem for underdamped Levy flights	Mr CAPAŁA, Karol
18:03	[61] Exploring shape space for densest random sequential adsorption packing	Mr KOZUBEK, Konrad
18:05	[32] Photoluminescence of Complex Systems	LATTANZI, Ambra
18:06	[22] Temperature-dependent Smoluchowski equations	Prof. BRILLIANTOV, Nikolai
18:07	[12] Energetics of critical oscillators in active bacterial baths	GOPAL, Ashwin
18:08	[15] Electronic relaxation in solution: Exact solution of multi-state problems in time domain	Ms MUDRA, Swati
18:09	[16] Search efficiency of (discrete) fractional Brownian motion in a random distribution of targets	JEBREIIL KHADEM, Seyed Mohsen
18:10	[17] Efficiency of energy harvesting out of colored Lévy fluctuations, by a harmonic piezoelectric transducer	GIULIANO, Martín E.
18:11	[19] Exploring "inverse stochastic resonance” and nonstandard stochastic resonance with information-theoretic tools	MARTINEZ, Nataniel
18:12	[20] Phase transitions in the q-voter model with generalized anticonformity	Mrs ABRAMIUK-SZURLEJ, Angelika
18:13	[21] Numerical solution of temperature-dependent Smoluchowski equations	Mr OSINSKY, Alexander
18:14	[30] Combinatorial aspects of the scattering on the Dirac delta potential	NOWAK, Przemysław
18:15	[33] Cyclic Kuramoto models and Byzantine attack	GÓRA, Paweł
18:16	[34] The study of structure influence on diffusion across alginate membranes filled with magnetite	STRZELEWICZ, Anna
18:17	[40] Diffusion-controlled reactions: Extension of time-dependent Smoluchowski’s rate coefficient to reactions in media with relaxation	Prof. TRAYTAK, Sergey
18:18	[54] Finite element modelling of atomic force indentation of an animal cell	KRZEMIEN, Leszek
18:19	[11] Steady oscillations in kinetic model of aggregation process with collisional fragmentation	Dr MATVEEV, Sergey
18:20	[9] Experimental study of the energy flux between two NESS thermostats.	Dr NAERT, Antoine
18:21	[5] Determination of psychotic behaviour using a network of chemical oscillators	Ms BOSE, Ashmita
18:22	[63] Force spectroscopy in the study of endometrial diseases	Mrs KUREK, Agnieszka Dr BARBASZ, Jakub
18:23	[64] Moments of the Van Hove dynamic scattering law	Dr WOJNAR, Ryszard
18:24	[65] Generalised ‘Arcsine’ laws for run-and-tumble particle in one dimension	Mr SINGH, Prashant

18:25	[66] Express your scientific track record in just three numbers	Dr SIUDEM, Grzegorz
18:26	[68] Nanoscale Lubrication in Model Biosystems as Rationalized in Terms of Fractons and Spectral-Mechanical Properties of Networked Biopolymers in Solutions	GADOMSKI, ADAM
18:26	[69] The effect of substrate roughness on random sequential adsorption packing properties	Mr KUBALA, Piotr