33rd M. Smoluchowski Symposium on Statistical Physics

Thursday, December 3, 2020

Poster Session (6:00 PM - 7:15 PM)

time	[id] title	presenter
6:00 PM	[33] Detection of interaction and energy exchange with invisible partners in localized Brownian dumbbells	Dr SEROV, Alexander S.
6:01 PM	[35] Statistical physics of inhomogeneous transport equations: first passage to the space-dependent diffusion	Dr BELOUSOV, Roman
6:02 PM	[38] Kramers-like problem for underdamped Levy flights	Mr CAPAŁA, Karol
6:03 PM	[31] Exploring shape space for densest random sequential adsorption packing	Mr KOZUBEK, Konrad
6:05 PM	[32] Photoluminescence of Complex Systems	LATTANZI, Ambra
6:06 PM	[22] Temperature-dependent Smoluchowski equations	Prof. BRILLIANTOV, Nikolai
6:07 PM	[12] Energetics of critical oscillators in active bacterial baths	GOPAL, Ashwin
6:08 PM	[15] Electronic relaxation in solution: Exact solution of multi-state problems in time domain	Ms MUDRA, Swati
6:09 PM	[16] Search efficiency of (discrete) fractional Brownian motion in a random distribution of targets	JEBREIIL KHADEM, Seyed Mohsen
6:10 PM	[17] Efficiency of energy harvesting out of colored Lévy fluctuations, by a harmonic piezoelectric transducer	GIULIANO, Martín E.
6:11 PM	[19] Exploring "inverse stochastic resonance" and nonstandard stochastic resonance with information-theoretic tools	MARTINEZ, Nataniel
6:12 PM	[20] Phase transitions in the q-voter model with generalized anticonformity	Mrs ABRAMIUK-SZURLEJ, Angelika
6:13 PM	[21] Numerical solution of temperature-dependent Smoluchowski equations	Mr OSINSKY, Alexander
6:14 PM	[30] Combinatorial aspects of the scattering on the Dirac delta potential	NOWAK, Przemysław
6:15 PM	[43] Cyclic Kuramoto models and Byzantine attack	GÓRA, Paweł
6:16 PM	[34] The study of structure influence on diffusion across alginate membranes filled with magnetite	STRZELEWICZ, Anna
6:17 PM	[40] Diffusion-controlled reactions: Extension of time-dependent Smoluchowski's rate coefficient to reactions in media with relaxation	Prof. TRAYTAK, Sergey
6:18 PM	[24] Finite element modelling of atomic force indentation of an animal cell	KRZEMIEN, Leszek
6:19 PM	[11] Steady oscillations in kinetic model of aggregation process with collisional fragmentation	Dr MATVEEV, Sergey
6:20 PM	[9] Experimental study of the energy flux between two NESS thermostats.	Dr NAERT, Antoine
6:21 PM	[8] Determination of psychotic behaviour using a network of chemical oscillators	Ms BOSE, Ashmita
6:22 PM	[63] Force spectroscopy in the study of endometrial diseases	Mrs KUREK, Agnieszka Dr BARBASZ, Jakub
6:23 PM	[64] Moments of the Van Hove dynamic scattering law	Dr WOJNAR, Ryszard
6:24 PM	[65] Generalised 'Arcsine' laws for run-and-tumble particle in one dimension	Mr SINGH, Prashant

6:25 PM	[86] Express your scientific track record in just three numbers	Dr SIUDEM, Grzegorz
6:26 PM	[88] Nanoscale Lubrication in Model Biosystems as Rationalized in Terms of Fractons and Spectral-Mechanical Properties of Networked Biopolymers in Solutions	GADOMSKI, ADAM
6:26 PM	[89] The effect of substrate roughness on random sequential adsorption packing properties	Mr KUBALA, Piotr