

X Conference of Young Scientists "Problems of Theoretical Physics"

Monday 23 December 2019

Poster session - 322 (17:30-18:40)

time	[id] title	presenter
17:30	[5] Compressibility excess and structurization of binary granular mixture	SIDLETSKA, Liudmyla
17:35	[6] Symmetry breaking in weak- and strong- coupled ring-shaped superflows of Bose-Einstein condensates	Mr OLIINYK, Artem
17:40	[19] Analogue Hawking radiation in a ring of Bose-Einstein condensate	YATSUTA, Igor
17:45	[8] Ferroelectric nanocomposites: influence of nanoparticle sizes distribution on pyroelectric and electrocaloric conversion parameters	Ms SHEVLIAKOVA, Hanna
17:50	[25] Spontaneous and engineered transformations of topological structures in nonlinear media with gain and loss	Ms CHELPANOVA, Oksana
17:55	[26] Determination of the contact angle from transversality conditions of the Lagrange variation problem of wetting	Mr HREBNOV, Oleh
18:00	[47] Mathieu equation as a confluent Heun equation and its applications	Mr YANCHYSHEN, O.V.
18:05	[40] The Aharonov-Bohm effect and conic singularities for the Dirac equation	Mr NAICHUK, Eduard
18:10	[17] New bounds on axion-like particles from NuSTAR observations	SAVCHENKO, Denys
18:15	[37] Modelling of Spectral Energy Distribution from Protoplanetary Disk of IRAS 22150+6109	BILINSKYI, Illia
18:20	[41] The covalent radii derived from the first-principle data	Mr CHUIKO, Valerii
18:25	[42] Binding of antibiotic drug molecules to the surface of silver nanoparticles: tight-binding DFT study	Ms HUSAK, Olha
18:30	[34] DNN application for hydrodynamic task solution	TARADIY, Kirill
18:35	[52] Effects of parallel motion on test-particle transport	CHERNIAK, O.M.