

Bogolyubov Kyiv Conference "Problems of Theoretical and Mathematical Physics"

Tuesday 24 September 2024

Poster Session - 322 (16:10-18:50)

time	[id] title	presenter
16:10	[82] On the solution of the problem of the cosmological constant	BUKALOV, Oleksandr
16:15	[61] Collapse mitigation in a socioeconomic system under a systemic shock	LUKYANETS, Sergey
16:20	[122] Graph Structural Complexity	Prof. SNARSKII, Andrei
16:25	[103] Lattice models of ionic liquids in conducting slit nanoconfinement	DUDKA, Maxym
16:30	[118] Subensembles of magnetized particles in random electric fields	CHERNIAK, Oleksandr
16:35	[58] Spin-boson description of the temporal behavior of the dynamical system with time-dependent coupling to the environment	SHEVCHENKO, Yevgen
16:40	[62] Nonequilibrium protection effect and spatial localization of noise-induced fluctuations: gas flow scattering on partially penetrable obstacle	KLIUSHNICHENKO, Oleksandr
16:45	[111] The development of Bogolyubov reduced description method in the application to spin and quasispin systems	LYAGUSHYN, Serhiy
16:50	[11] Modified potential energy theorem in radiating systems: Implementation in MATLAB	DOROSHENKO, Daniil
16:55	[10] AdS/CFT correspondence and classification of Kaluza-Klein modes within the supergroup	Dr OBIKHOD, Tetiana
17:00	[90] Spontaneous magnetization and effective interactions in QGP at high temperature	Prof. SKALOZUB, Volodymyr
17:05	[52] Constraints on the parameters of HNL and baryon asymmetry of the Universe	KHASAI, Oleksandr
17:10	[98] Microscopic derivation of the generalised Bohr Hamiltonian	Dr DZYUBLIK, Alexey
17:15	[77] Polaronic model of the Giant Dielectric and Pyroelectric Responses of Ferroelectric Fine-Grained Ceramics	ELISEEV, Eugene
17:20	[106] Model of effective permittivity for dense ferroelectric nanocomposites	BEREZNYKOV, Oleksii
17:25	[113] DNA condensation induced by Li^{+} counterions	PIATNYTSKYI, Dmytro
17:30	[53] The electric field quantum control of spin-waves dynamics in easy-axis antiferromagnets	BOLIASOVA, Olha
17:35	[7] Supercritical propagation of nonlinear magnetization wave through an antiferromagnetic magnonic crystal	SYZON, Ihor
17:40	[26] Evaluating Benchmarks for the Effectiveness of Infrared Camouflage Coatings	MELEZHYYK, Ye.O.
17:45	[34] Invisible states Potts model	KRASNYTSKA, Mariana
17:50	[89] Influence of the pH of aqueous sodium chloride solutions with dissolved carbon dioxide on the temperature interval of human vital activity	KHOROLSKYI, Oleksii
17:55	[116] 3D Non-Uniform Antiferromagnetic Spin Texture Based Magnetic Nano-Oscillator	Prof. GERASIMCHUK, Igor V.

18:00	[92] Features of the temperature dependences of the thermal conductivity of composites and the Meyer-Neldel rule	Dr HORBATENKO, Yuliia
18:05	[83] Low temperature behavior of the heat capacity of MWCNTs with $\varnothing 9.4$ nm: component of flexural dispersion for phonons	HORBATENKO, Yuliia
18:10	[100] Photoconductivity transients in GeSn alloys	KONDRATENKO, Serhiy
18:15	[112] Quantum-chemical and spectral analysis of ATP/AMP molecules conformers in water surround	МАЙКО, Катерина
18:20	[33] Phonon heat transfer in conductors of arbitrary cross-section	Prof. NIEMCHENKO, Kostiantyn
18:25	[59] The thermal conductivity of composites based on ABS and epoxy resin.	Dr SAGAN, Volodymyr
18:30	[67] Influence of the unit cell size of periodic electromagnetic metamaterials on their optical properties	GOZHENKO, Victor