

International Conference “Mathematical Modeling and Computational Physics, 2017” (MMCP2017)

Monday, 3 July 2017

Physical processes modeling and related computational methods (I) - 406A (13:30 - 15:00)

time	[id] title	presenter
13:30	[18] Extrapolation of functions of many variables by means of metric analysis	Mr KRYANEV, Alexander Mr UDUMYAN, David Mr SEVASTYANOV, Leonid Mr IVANOV, Victor
13:45	[44] The Boundary Value Problem for Elliptic Equation in the Corner Domain in the Numerical Simulation of Magnetic Systems	Dr PEREPELKIN, Evgeny
14:00	[131] Estimation of Magnetic Field Growth and Construction of Adaptive Mesh in Corner Domain for Magnetostatic Problem in 3-Dimensional Space	Mr TARELKIN, Aleksandr
14:15	[139] Investigation of the entropy of a system of many particles with gravitational interaction	Mr SUCHKOV, Denis
14:30	[65] Parallel implementation of numerical solution of few-body problem using Feynman's continual integrals	NAUMENKO, Mikhail
14:45	[80] MOLECULAR DYNAMIC SIMULATION OF WATER VAPOR INTERACTION WITH BLIND PORE OF DEAD-END AND SACCATE TYPE	Mrs POPOVIČOVÁ, Mária

Physical processes modeling and related computational methods (I) - 406A (15:30 - 17:15)

time	[id] title	presenter
15:30	[70] Finite-difference splitting scheme for three-dimensional Schroedinger equation, describing tunneling from anharmonic atomic traps	Mr ISHMUKHAMEDOV, Ilyas
15:45	[98] APPLICATION OF HARMONIC OSCILLATOR BASIS WITH DIFFERENT SIZE PARAMETERS FOR CALCULATION OF GROUND STATE ENERGY OF COULOMB THREE-BODY SYSTEMS	Dr DEVEIKIS, Algirdas
16:00	[50] Modeling the quarks' helicity flipping stimulated by their confinement potential	Dr KOSTENKO, Boris
16:15	[106] On Interpolational Approximation of Nonlinear Differential Operators of the Second Order in Partial Derivatives	YANOVICH, Leonid
16:30	[172] Numerical Simulation of the Hydrated Electron States Formation	Mrs VOLOKHOVA, Alina
16:45	[122] Spectral Multi Exponential Approximation as a Robust Tool for Analysis of Complex Systems	Mr KHRUSCHEV, Sergei
17:00	[165] Modelling of the High Temperature Superconductors at Nonequilibrium Conditions	Mr KULIKOV, Kirill