

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

Thursday, 6 July 2017

Mathematical methods and application software for modeling complex systems and engineering (III) - 310 (13:30 - 15:00)

time	[id] title	presenter
13:30	[161] Numerical algorithm for optimization of positive electrode in lead-acid batteries	Dr MURARIU, Ancuta Teodora
13:45	[79] Modeling hysteretic effects in perovskite solar cells	Dr NEMNES, George Alexandru
14:00	[151] Beyond the phenomenology of the BCS model	Dr ANGHEL, Dragos-Victor
14:15	[110] Numerical methods for the prediction and optimization of the cryosurgery operations	Mr SHILNIKOV, Kirill
14:30	[114] Features of plastic flow localization in hollow cylinder	Mr RYABOV, Pavel MURATOV, Rodion
14:45	[66] Hidden attractors in bubble contrast agent model	Mr GARASHCHUK, Ivan

Mathematical methods and application software for modeling complex systems and engineering (III) (15:30 - 17:15)

time	[id] title	presenter
15:30	[87] Linear approximation of volume integral equations for solving magnetostatics problems	Mr AKISHIN, Pavel
15:45	[137] User software for numerical study of Josephson junction with magnetic momenta	Dr ATANASOVA, Pavlina
16:00	[140] Simulation of collective excitations in the stack of long Josephson junctions	Dr RAHMONOV, Ilhom
16:15	[180] Time discretization impact on the target localization precision using UWB radar	Dr BUŠA, Ján
16:30	[117] Transport Description of Heavy Ion Fragmentation Reactions at Energies of 35-140 MeV	MIKHAYLOVA, Tatiana
16:45	[119] Symbolic and numerical modeling of nonlinear dynamics of particles in accelerators	SBOEVA, Ekaterina
17:00	[128] Analytical solution for Experimental Data Approximation by Solving Linear Difference Equations with Constant Coefficients.	Mr SMIRNOV, Vladimir