

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

Thursday, July 6, 2017

Mathematical methods and application software for modeling complex systems and engineering (III) - 310 (1:30 PM - 3:00 PM)

time	[id] title	presenter
1:30 PM	[161] Numerical algorithm for optimization of positive electrode in lead-acid batteries	Dr MURARIU, Ancuta Teodora
1:45 PM	[79] Modeling hysteretic effects in perovskite solar cells	Dr NEMNES, George Alexandru
2:00 PM	[151] Beyond the phenomenology of the BCS model	Dr ANGHEL, Dragos-Victor
2:15 PM	[110] Numerical methods for the prediction and optimization of the cryosurgery operations	Mr SHILNIKOV, Kirill
2:30 PM	[114] Features of plastic flow localization in hollow cylinder	Mr RYABOV, Pavel MURATOV, Rodion
2:45 PM	[66] Hidden attractors in bubble contrast agent model	Mr GARASHCHUK, Ivan

Mathematical methods and application software for modeling complex systems and engineering (III) (3:30 PM - 5:15 PM)

time	[id] title	presenter
3:30 PM	[87] Linear approximation of volume integral equations for solving magnetostatics problems	Mr AKISHIN, Pavel
3:45 PM	[137] User software for numerical study of Josephson junction with magnetic momenta	Dr ATANASOVA, Pavlina
4:00 PM	[140] Simulation of collective excitations in the stack of long Josephson junctions	Dr RAHMONOV, Ilhom
4:15 PM	[180] Time discretization impact on the target localization precision using UWB radar	Dr BUŠA, Ján
4:30 PM	[117] Transport Description of Heavy Ion Fragmentation Reactions at Energies of 35-140 MeV	MIKHAYLOVA, Tatiana
4:45 PM	[119] Symbolic and numerical modeling of nonlinear dynamics of particles in accelerators	SBOEVA, Ekaterina
5:00 PM	[128] Analytical solution for Experimental Data Approximation by Solving Linear Difference Equations with Constant Coefficients.	Mr SMIRNOV, Vladimir