

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

Tuesday, 4 July 2017

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

time	[id] title	presenter
13:30	[154] MODELING THERMAL EFFECTS IN METALS IRRADIATED BY COPPER NANOCLUSTERS	TUKHLIEV, Zafar
13:45	[149] EVOLUTION OF CONTINUUM-ATOMISTIC APPROACH FOR THE MODELING OF IRRADIATION OF METALS BY HEAVY IONS	Mr SHARIPOV, Zarif
14:00	[204] QUASI-VECTOR MODEL OF PROPAGATION OF POLARIZED LIGHT IN A THIN-FILM WAVEGUIDE LENS	Mr DIVAKOV, Dmitriy
14:15	[81] Fitting by orthogonal polynomials of silver nanoparticles spectroscopic data	Mrs BOGDANOVA, Nina
14:30	[158] Diffusion processes in A model of vector admixture: Turbulent Prandtl number	Dr REMECKY, Richard
14:45	[217] Intel® Performance Library is the fastest and most– used math library for Intel®	FEDOROV, G.

Mathematical methods and application software for modeling complex systems and engineering (II) - 310 (15:30 - 17:15)

time	[id] title	presenter
15:30	[144] High precision computer simulation of cyclotrons	Mr POPOV, Dmitriy Dr KARAMYSHEVA, Taisia Mr MALININ, Vladimir
15:45	[111] Optimisation of air pollution dispersion and deposition models	Mr SVOZILÍK, Vladislav
16:00	[53] Mathematical modeling of air pollution and the frequency of respiratory diseases among the population of the city of Ulaanbaatar	Mr SANJAA, Budnyam
16:15	[99] Application of artificial neural networks and singular-spectral analysis in forecasting the daily passenger’s traffic in the Moscow Metro	Mr OSETROV, Evgeny Prof. IVANOV, Victor
16:30	[179] Reduction of network traffic to point images for the analysis of its behavioral structure	Dr REPIN, Dmitry
16:45	[188] New methods of detection in Computer Vision	Dr STADNIK, Alexey
17:00	[63] One principle for the identification of shape of an object	Prof. GOSTEV, Ivan