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

Monday 3 July 2017

Mathematical methods and application software for modeling complex systems and engineering (I) - LIT Conference Hall (13:30 - 15:00)

time	[id] title	presenter
13:30	[171] Contemporary Problems of Numerical Modeling of Unique Structures, Buildings and Complexes	Prof. BELOSTOTSKY, Alexander
14:00	[211] NUMERICAL SIMULATION OF AEROHYDRODYNAMIC AND AEROHYDROELASTICITY PROBLEMS	Mrs AFANASYEVA, I.
14:15	[173] The Disrete-Continual Finite Element Method in Engineering	Mr NEGROZOV, Oleg Prof. AKIMOV, Pavel
14:30	[174] Wavelet-Based Numerical and Semianalytical Methods of Local Structural Analysis in Engineering	Prof. MOZGALEVA, Marina Prof. AKIMOV, Pavel
14:45	[195] SIMULATING FLUID FLOW WITH COMPLEX PHYSICS IN ARBITRARY SHAPED DOMAINS BY CFD CODE FLOWVISION	Dr AKSENOV, A

Mathematical methods and application software for modeling complex systems and engineering (I) - LIT Conference Hall (15:30 - 17:00)

time	[id] title	presenter
15:30	[71] Numerical damping of oscillations of beams by using multiple point actuators	Mr TARAN, Nikolay
15:45	[72] Methods of investigation of equations that describe waves in tubes with elastic walls and application of the theory of reversible and weak dissipative shocks	Dr BAKHOLDIN, Igor
16:00	[61] Algorithm of the explicit type for porous medium flow simulation	Dr TRAPEZNIKOVA, Marina
16:15	[62] Multilane traffic flow modelling using cellular automata theory	Ms CHECHINA, Antonina
16:30	[41] Modeling of Static Electric Field Effect on Nematic Liquid Crystal Director Orientation in Side-Electrode Cell	Prof. EGOROV, Aleksandr
16:45	[94] Periodic solutions in isothermal problems filtration of hydrocarbon mixtures	Mrs PAZYUK, Yulia