



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

## Thursday, 6 July 2017

### Computer Algebra and Quantum Computing with Applications (I) - LIT Conference Hall (13:30 - 15:00)

time	[id] title	presenter
13:30	[25] IVC Calculation Problem for Josephson Junction Stacks. On Asymptotic Construction near the Breakpoint .	SERDYUKOVA, Svetlana
13:45	[199] CUNNINGHAM NUMBERS IN ACCELERATED MODULAR ARITHMETIC AND APPLICATIONS	Dr ZIMA, Eugene
14:15	[33] High-Accuracy Finite Element Method for Elliptic Boundary-Value Problems	Dr GUSEV, Alexander
14:30	[34] High-Accuracy Finite Element Method for the 2D Parametric Elliptic Boundary-Value Problems	VINITSKY, Sergue
14:45	[38] Symbolic-numerical modeling of the influence of damping moments on satellite dynamics	Dr GUTNIK, Sergey

### Computer Algebra and Quantum Computing with Applications (I) - LIT Conference Hall (15:30 - 17:15)

time	[id] title	presenter
15:30	[49] On generation of random ensembles of mixed states for quantum bipartite systems	Mr ROGOJIN, Ilia
15:45	[78] On stratifications of X-state space of two qubits	Ms TOROSYAN, Astghik
16:00	[55] Entanglement and quantum state transfer in spin chains with XY-Hamiltonian	Ms KUZNETSOVA, Elena Mr LAZAREV, Ilya
16:15	[56] On the Wigner quasiprobability function for N-level quantum systems	Mr ABGARYAN, Vahagn
16:30	[64] The dipolar relaxation of multiple quantum coherences as a model for an investigation of decoherence processes in many-qubit clusters in multiple-quantum NMR	Mr BOCHKIN, Georgii
16:45	[67] Quantum correlations in remote state creation. Information exchange with vanishing entanglement.	Dr ZENCHUK, Alexander
17:00	[157] Evolution of quantum steering of two bosonic modes in a squeezed thermal environment	Ms MIHAESCU, Tatiana