The XXI International Scientific Conference of Young Scientists and Specialists (AYSS-2017)

Wednesday, 4 October 2017

Oral session: Mathematical Modeling and Computational Physics: Section 2, Part 1 - **Room 407, 4th floor (13:30 - 15:15)**

time	[id] title	presenter
13:30	[512] Using neural networks to calculate integrals	Mr MELNITSKII, Dmitrii
13:45	[513] Electron identification with Transition Radiation Detector in the CBM experiment	Dr DERENOVSKAYA, Olga
14:00	[514] Numerical Investigation of the Emergency Release of a Crogenic Gas into a Confined Space	Mr SINCLAIR, Cameron
14:15	[517] The statistical regularization of Turchin	Mr ZELENYI, Mikhail
14:30	[518] Studies of the Silicon Strip Detector properties of the EXPERT project	Mr MUZALEVSKY, Ivan
14:45	[515] Fission of U-238 and Pu-239 production in subcritical assembly	Ms GRAB, Magdalena
15:00	[565] Spatially Oscillating Potential	Mrs MILOI, Madalina Mihaela

Oral session: Mathematical Modeling and Computational Physics: Section 2, Part 2 - **Room 407, 4th floor (15:45 - 17:15)**

time	[id] title	presenter
15:45	[519] The trajectory folding-period method in transmutation analysis	Mr STANISZ, Przemyslaw
16:00	[520] Molecular Dynamic Simulation of AuCu I under uniaxial tensile treatment	Dr AISH, Mohammed
16:15	[521] Algorithm for Solving the Optimization Problem for Reaching a Required Periodical Temperature Regime on the Surface of a Multilayer Cylinder	Mr AYRIYAN, Alexander
16:30	[522] Algorithm and Program for Grigorian construction of mixed phase in cold and dense nuclear matter	Ms KORNEEVA, Olga
16:45	[523] The impact of the covariance matrix on the accuracy of unfolding process using Bayesian inference	Mr ORLINSKI, Michal
17:00	[591] INVESTIGATION OF THE COLD PROCESS PIPE RUPTURE MECHANISM	Mr DZIEWIECKI, Maciej