



# The XX International Scientific Conference of Young Scientists and Specialists (AYSS-2016)

## Thursday, 17 March 2016

### AYSS 2016 competition - Large Conference Hall, 2nd floor (13:00 - 15:00)

time	[id] title	presenter
13:00	[186] Development of the CBM RICH readout and DAQ	Mr OVCHARENKO, Egor
13:10	[228] Heterogeneous cluster HybriLIT: New possibilities for the development of parallel applications	TOROSYAN, Shushanik
13:20	[85] Numerical Modelling of Eddy Current Non-Destructive Evaluation in Material Defects Detection Studies	Dr APOSTOL, Emilia
13:30	[238] Reconstruction of diffractograms in X-ray imaging of biological objects using Bragg Magnifier	HRIVNAK, Stanislav
13:40	[92] Study of deep inelastic reactions within the multidimensional dynamical model of nucleus-nucleus collisions	SAIKO, Vyacheslav
13:50	[209] Effects of finite correlation time and compressibility on the active-to-absorbing-state phase transition: renormalization group approach	Dr LUCIVJANSKY, Tomas
14:00	[206] Theoretical investigation of the resonance states of low-dimensional two-body system in external electric field	Mr KOVAL, Eugene
14:10	[25] Gauged Aloof Baby Skyrme Model	SAMOILENKA, Albert
14:20	[197] Magnetic field buoyancy in accretion disks of young stars	Dr KHAIBRAKHMANOV, Sergey
14:30	[129] Temperature Dependent Hadronic Bag and QGP Phase Transition in Dual QCD	Ms PUNETHA, Garima
14:40	[191] Experimental cross sections for alpha particle induced reactions on p-nuclei	Dr OPREA, Andreea
14:50	[154] Background suppression in HPGe detectors using Pulse Shape Discrimination methods	Mr PANAS, Krzysztof

### AYSS 2016 competition - Large Conference Hall, 2nd floor (15:30 - 17:40)

time	[id] title	presenter
15:30	[23] FLUKA and GEANT4 simulations for studying the production of $^6\text{He}$	Mrs KABYTAYEVA, Raushan
15:40	[179] New molecular-ionic ferroelectric based on diisobutylammonium cation	Ms WOJCIECHOWSKA, Martyna
15:50	[55] Synthesis and characterization of spider silk calcite composite	Ms DMITROVIC, Svetlana
16:00	[139] Ultra-compact portable gamma detector system based on CdTe	Mr KOUBA, Petr
16:10	[40] Influence of the conical shape of the latent tracks near the irradiated surface on the correct measurements of the latent track size	Mr SAIFULIN, Maxim
16:20	[178] $\gamma$ -ray induction and repair of DNA double-strand breaks in rat hippocampus and cerebellum cells.	Ms BULANOVA, Tatyana

16:30	[79] Effect of NOS-inhibitor NS23 on radiation-induced alteration in hemapoiesis and survival of irradiated animals	Ms MAKARCHUK, Viktoriya
16:40	[21] Metal uptake by cyanobacteria <i>Spirulina platensis</i> from single-and multi-component systems	Dr ZINICOVSCAIA, Inga
16:50	[252] Creation and results of experiments on a full scale model of the cold moderator in the central direction (CM 1) for IBR-2 reactor. Technical support and devices.	Mr MUKHIN, Konstantin
17:00	[98] Matter effect in neutrino oscillations for NOvA experiment	Ms KOLUPAEVA, Liudmila
17:10	[169] Challenges and progress in the design of the Fast Interaction Trigger for the ALICE upgrade.	Mr SLUPECKI, Maciej
17:20	[11] Femtosopic in MPD experiment	Mr WIELANEK, Daniel
17:30	[162] Fast neutron background in the Daya Bay experiment	Mr TRESKOV, Konstantin