



# The XXIII International Scientific Conference of Young Scientists and Specialists (AYSS-2019)

## Wednesday, April 17, 2019

### Nuclear Physics: Section 1 (2:00 PM - 4:00 PM)

-Conveners: Dmitry Testov; Yulia parfenova

time	[id] title	presenter
2:00 PM	[494] BINARY BRAKE-UP OF FISSION FRAGMENTS AT CROSSING OF METAL FOILS	Mr STREKALOVSKY, Alexandr
2:15 PM	[369] $\gamma$ emission from neutron-unbound states in $^{133}\text{Sn}$	Ms PIERSA, Monika
2:30 PM	[382] Development and testing of a neutron radiation spectrometer in the fields of radionuclide sources	PYSHKINA, Mariia
2:45 PM	[402] Detailed study of No and Rf isotopes radioactive decay properties.	Mrs TEZEKBAYEVA, Mereigul
3:00 PM	[407] The separation time and the total efficiency measurements of complete fusion reactions products at MASHA	Ms MAMATOVA, Meruyert
3:15 PM	[417] SIMULAION OF PRECISE EXPERIMENT OF LOSS COEFFICIENT MEASUREMENT AT DIFFERENT UCN VELOCITIES USING GRAVITATIONAL SPECTROSCOPY.	TURLYBEKULY, Kylyshbek
3:30 PM	[423] "Gamma and fast-timing spectroscopy of $^{85}\text{Se}$ isotopes populated in fission"	Ms ADAMSKA, Ewa
3:45 PM	[471] Instrumentation for synthesis of superheavy elements at SHE factory	Mr SCHLATTAUER, Leo

### Nuclear Physics: Section 1 (4:30 PM - 5:30 PM)

-Conveners: Dmitry Testov; Yulia parfenova

time	[id] title	presenter
4:30 PM	[356] Measurements of ambient thermal neutrons with modern lithium containing scintillation detectors	Mr PONOMAREV, Dmitriy
4:45 PM	[492] A new in-flight fragment separator Acculinna-2 at the U-400M cyclotron in FLNR for experimental evidence of unbound $^7\text{H}$	Ms MAI, Anh
5:00 PM	[376] Study of interaction of charged light particles with $1p$ shell nuclei	Dr JANSEITOV, Daniyar

## Thursday, April 18, 2019

### Nuclear Physics: Theory (2:00 PM - 4:00 PM)

-Conveners: Nikolay Arsenyev; Alexey Severyukhin

time	[id] title	presenter
2:00 PM	[333] Analytical description of shape transition in nuclear alternating parity bands	MARDYBAN, Evgenii
2:15 PM	[334] Pauli-principle driven correlations in four-neutron nuclear decays	Mr SHAROV, Pavel
2:30 PM	[432] Beta-decay and electron capture rates of hot nuclei in stellar matter	Mr SIDOROV, Semyon
2:45 PM	[452] Interference patterns in angular distributions observed for $^{10}\text{He}$ decay products	Mrs EGOROVA, Irina
3:00 PM	[412] The study of Coulomb breakup of $^{11}\text{Be}$	Mr VALIOLDA, Dinara