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# The 7th international conference on particle physics and astrophysics

## Wednesday 23 October 2024

### Nuclear - Moskvorechye 2 (09:30-11:30)

-Conveners: Yury Gurov

time	[id] title	presenter
09:30	[22] Alpha-particle states in relativistic nuclear fragmentation	ZAITSEV, Andrei
09:45	[32] Experimental study of the interaction of the proton and deuteron with the atomic nuclei of lithium and boron	OSTREINOV, Georgii
10:00	[63] Peculiarities of the momentum spectra of light fragments at $^{56}\text{Fe}$ fragmentation with incident energy of 230 MeV/nucleon.	Dr. KULIKOVSKAYA, A.A.
10:15	[114] Formation of the multi-neutron systems $2n$ and $3n$ in the reactions of stopped pion absorption	Dr. CHERNYSHEV, Boris
10:30	[211] Manifestation of the $N=32, 34$ subshell closures in the ternary decays of heavy nuclei.	Prof. PYATKOV, Yuri
10:45	[208] Double-hit experimental approach in studies of the multibody decays of heavy nuclei.	Mrs. GORYAINOVA, Z.I.
11:00	[290] Study of the $^6\text{Li}$ low-lying excited states	Dr. DEMYANOVA, Alla
11:15	[284] Study of the $^8\text{Li}$ low-lying excited states	DANILOV, Andrey

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-Conveners: Boris Chernyshev

time	[id] title	presenter
09:30	[125] Charge radii and beta-decay properties of heavy Hg and Pt isotopes.	Dr. BORZOV, Ivan
09:45	[117] Relations of isotope yields as an indicator of neutron fluxes in artificial rapid process	Dr. LYASHUK, Vladimir
10:00	[142] Investigation of the structure of the lowest quadrupole excitations in Ge isotopes	MARDYBAN, Evgenii
10:15	[222] Double-humped fission barrier and statistical mechanism of formation of angular anisotropy of fission fragments	BARABANOV, A. L.
10:30	[254] THE ROLE OF QUARKS IN NUCLEAR STRUCTURE: ALPHA-CLUSTERING AND NUCLEOSYNTHESIS IN STARS	MUSULMANBEKOV, Genis
10:45	[317] Low-energy spectra of nobelium isotopes: Skyrme random-phase-approximation analysis	MARDYBAN, Mariia
11:00	[87] Resonant states of muonic three-particle systems with lithium, helium and hydrogen nuclei	ESKIN, Alexey
11:15	[351] Constraints on neutron skin thickness and symmetry energy	ARSENIEV, Nikolay