

Table of contents

Wednesday 28 October 2026	1
Friday 30 October 2026	2

The 8th international conference on particle physics and astrophysics

Wednesday 28 October 2026

Nuclear physics: Theory - Conference Hall 1 (15:50-17:20)

-Conveners: Boris Chernyshev

time	[id] title	presenter
15:50	[86] The nature of isotopic anomalies in charge radii and atomic isomer shifts at N=126 region.	Prof. BORZOV, Ivan
16:05	[378] Triple angular correlations in inelastic nuclear collisions with gamma-ray emission: astrophysical aspect	BARABANOV, A.L.
16:20	[111] Creation of transuraniums in experimental prompt r-process and inverse task of the neutron fluence	Dr. LYASHUK, Vladimir
16:35	[397] Three-body systems with contact interactions in one dimension	Dr. MALYKH, Anastasiya
16:50	[245] The Role of Rotational Dynamics of the Dinuclear System in the Formation of Fission Fragment Spins	SHCHERBINA, Julia
17:05	[221] Single particle nucleon energies of selected nuclei based on modified folded Yukawa potential	SITKOV, Dmitrij

Friday 30 October 2026

Nuclear physics: Experiment - Conference Hall 1 (17:10-19:25)

-Conveners: Alla Demyanova

time	[id] title	presenter
17:10	[302] Breakup of fission fragments when passing foil from C and Ta.	Prof. PYATKOV, Yury
17:25	[29] Near-threshold states in dissociation of relativistic nuclei	ZARUBIN, Pavel
17:40	[56] Study of solar activity correlations with Fe-55 and Co-60 nucleus decay parameters	Prof. MAYBUROV, Sergey
17:55	[275] Analysis of the $^{13}\text{C}(d,p)^{14}\text{C}$ reaction in the energy range of 13–18 MeV: determination of empirical form factors and ANC	DEMYANOVA, Alla
18:10	[366] STUDY OF NEUTRON REMOVAL MECHANISMS IN THE $^9\text{Be}(^7\text{Be}, ^6\text{Be})\text{X}$ REACTION AT INTERMEDIATE ENERGIES	Mr. MAKAROV, Danila
18:25	[272] Study of the excited 8.1 MeV state of ^{11}C	DANILOV, Andrey
18:40	[407] The production of trineutron states after stopped pion absorption by ^9Be nuclei	CHERNYSHEV, Boris
18:55	[213] Research into d+d Nuclear Reactions in Crystalline Structures Using an HELIS Ion Accelerator	KIRSANOV, Mikhail
19:10	[394] High-Precision Physics with Heavy Ions	GLAZOV, Dmitry