

Session Program

27–31 Oct 2025

**29th International Scientific Conference of Young
Scientists and Specialists (AYSS-2025)**

Nuclear Physics

Monday 27 October

12:00

Nuclear Physics

Session | Location: MLIT, 4th floor, 456

12:00–12:15

Neutron-proton correlations in macro- and microscopic nuclear models

Speaker

Semyon Sidorov

12:15–12:30

Isospin splitting of giant dipole resonance in medium and heavy nuclei

Speaker

Fazilat Rasulova

12:30–12:45

Evaluation and monitoring of the γ -background at the vGeN experiment

Speaker

Mr Konstantin Shakhov

12:45–13:00

A pilot experiment on the cluster structure of the neutron-rich $^{10,12}\text{Be}$ at the ACCULINNA-2 fragment separator.

Speaker

Anh Mai

13:00

14:00

Nuclear Physics

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14:00–14:15

Nucleon effective mass and the ground-state properties

Speaker

Dmitrij Smoliannikov

14:15–14:30

Mass measurement of neutron-rich nuclides by the multi-reflection time-of-flight method.

Speaker

Yury Nechiporenko

14:30–14:45

Tracking Microstrip Detectors FOOT in the Experiments with Light Exotic Nuclei Decays

Speaker

Буллат Хамидуллин

14:45–15:00

Possibilities for studying the gas-phase chemistry of Cn and Fl with the Cryodetector setup behind the GRAND separator of the DC-280 cyclotron

Speaker

Alexander Madumarov

15:00–15:15

Search and analysis of the Double hit events

Speaker

Thembi Vilane

15:30

16:00

17:00

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Tuesday 28 October

12:00

13:00

14:00

15:30

16:00

17:00

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