Session Program

18–22 Oct 2026

30th International Scientific Conference of Young Scientists and Specialists (AYSS-2026)

Nuclear Physics

Thursday 22 October

14:30

Nuclear Physics

Session | **Location:** Conference hall 1

14:30–14:45 **Study of the 237Np(48Ca,xn)285-xNh Reaction at the DGFRS-2 Separator**

Speaker
Ege Karanfil

14:45–15:00
Search of Multi-Nucleon Transfer Products In 48Ca + 243Am Reaction Performed at the Gas-Filled Separator DGFRS-2 of the SHE Factory

Speaker
Nataliia Kurkova

15:00–15:15
Comparative Analysis of the Interaction Dynamics for 40Ar, 40Ca and 48Ca, 48Ti Projectiles on 208Pb at Energies Near the Coulomb Barrier

Speaker
Kirill Kulkov

15:15–15:30
First Investigation of Prompt Neutrons from Spontaneously Fissioning Isomers Produced in Multinucleon Transfer Reactions

Speaker
Bekzat Sailaubekov

15:30–15:45 **Time Projection Chamber for Studying Decay Properties of Superheavy Nuclei**

Speaker
Irina Ulanova

15:45

16:00

Nuclear Physics

Session | **Location:** Conference hall 1

16:00–16:15 **Isospin Splitting of the Giant Dipole Resonance in Medium and Heavy Nuclei**

Speaker
Fazilat Rasulova

16:15–16:30
The Method for Verifying the Enhancement of Multipole Transitions by Vortex Photons via Activity Measurement

Speaker
Yanzhao Wang

16:30–16:45 **Experimental Search for Rare Decays of Zr-96**

Speaker
Temirlan Khussainov

16:45–17:00 **^{90}Sr/^{90}Y Radionuclide Generator Based on a Reverse-Tandem Separation Scheme**

Speaker
Gazimagomed Magomedov

17:00–17:15 **Theoretical and Experimental Research of Double and Triple Angular Correlations in Nuclear Reactions with Carbon**

Speaker
Polina Filonchik

17:15