Session Program

18–22 Oct 2026

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

Applied Innovation Activities

Sunday 18 October

12:15

Applied Innovation Activities

Session | **Location:** Conference hall 3

12:15–12:30

Sorption Technology for Obtaining Uranium from Technogenic and Hydromineral Raw Materials Using Natural Modified Sorbents

Speaker
Aidana Erlankyzy

12:30–12:45

The Role of Aerosol Particles in Radioactive Contamination of the Area Surrounding Khujand in Tajikistan

Speaker
Muhammadi Rahmatzoda

12:45–13:00

Comparison of the Effects of Neutron and X-Ray Irradiation in Pre-Sowing Treatment of Wheat

Speaker
Ozodbek Bobojonov

13:00

14:30

Applied Innovation Activities

Session | **Location:** Conference hall 3

14:30–14:45

Methods of Identification of Substances in X-ray CT

Speaker
Rostislav Sotenskii

14:45–15:00

Development of an Optical Tomography System Based on Picosecond Pulses for Non-Invasive Brain Diagnosis and Monitoring

Speaker
Vladislav Sharov

15:00–15:15

Neutron Tomography Studies of Porous Archaeological Materials: Description Methodology

Speaker
Veronika Smirnova

15:15–15:30

Microdosimetric Analysis of X-ray Irradiators and Dose Enhancement Effects in Cell Monolayer Irradiation

Speaker
Ivan Gordeev

15:30–15:45

Spectral Analysis of Magnevist Under Gamma Irradiation from ^{137}Cs and ^{40}K Sources

Speaker
Dildora Rasulova

15:45

16:00

Applied Innovation Activities

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16:00–16:15 **Chemical Scheme for the Separation of Zinc and Gallium**

Speaker
Golibjon Mehmonov

16:15–16:30

Impurity Analysis and Applications of 3D-Printing Polymers in Low-Background Experiments

Speaker
Konstantin Shakhov

16:30–16:45

EcoRadGel: Radiation-Crosslinked Hydrogels as a Platform for Biotechnological Applications

Speaker
Alena Yakhnenko

16:45–17:00 **Development and Testing of Precision Laser Inclinometers (PLI) DLNP JINR**

Speaker
Roman Ni

17:00