Session Program

18–22 Oct 2026

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

Elementary Particle Physics and High-Energy Heavy-Ion Physics

Wednesday 21 October

11:15

Elementary Particle Physics and High-Energy Heavy-Ion Physics

Session | **Location:** Conference hall 1

11:15–11:30 **Study of ΛΛ Pair Production in Xe + CsI Collisions at BM@N at an Energy of 3.8A GeV**

Speaker
Mrs Ksenia Alishina

11:30–11:45 **φ(1020) Meson Analysis in the BM@N Experiment**

Speaker
Ekaterina Khabarova

11:45–12:00 **Study of the Strangeness Production in Xe+CsI Interactions at the BM@N Experiment**

Speaker
Roman Zinchenko

12:00–12:15 **Track Reconstruction at the BM@N Experiment with the Vector Finder Toolkit**

Speaker
Dmitrii Zinchenko

12:15–12:30 **Analysis of Hypernuclei Production in the BM@N Experiment at NICA**

Speaker
Elizaveta Konstantinova

12:30–12:45 **Strange Hadron Production in Au+Au Collisions at 3-27 GeV Energies with UrQMD**

Speaker
Artem Timofeev

12:45–13:00
Nuclear Modification Factor of Inclusive Charged Particles in Au+Au Collisions at $\sqrt{s_{NN}} = $ 19.6 and 27 GeV with the STAR Experiment

Speaker
Alisher Aitbayev

13:00

14:30

Elementary Particle Physics and High-Energy Heavy-Ion Physics

Session | **Location:** Conference hall 1

14:30–14:45
Invariant Mass and pT Dependence of J/#Psi Production in Au+Au Collisions at #sqrt{s_{NN}} = 200 GeV

Speaker
Ms Oris Eng Suarez

14:45–15:00 **Search for Axions from a Nuclear Reactor in the nuGeN Experiment**

Speaker
Valeria Dybova

15:00–15:15
First Neutrino Oscillation Analysis Combining Accelerator, Reactor, and Atmospheric Data in GNA

Speaker
Anastasiia Kalitkina

15:15–15:30 **Amplitude Analysis of B^0 and B_s decays at the ATLAS Experiment**

Speaker
Artem Vasyukov

15:30–15:45 **Study of the Hadronic Shower Profiles using the ATLAS Tile Calorimeter Modules**

Speaker
Anastasiia Tropina

15:45

16:00

Elementary Particle Physics and High-Energy Heavy-Ion Physics

Session | **Location:** Conference hall 1

16:00–16:15
Measurement of Mass, Width, and Spin-Parity of Fully-Charmed Tetraquarks in J/Psi-J/Psi And J/Psi-Psi(2S) Decay Channels Using the Amplitude Analysis Approach

Speaker
Alisa Didenko

16:15–16:30
Hodoscope-based set up for light fragments identification and detector test station at BM@N

Speaker
Mr Solné Reyes Peña

16:30–16:45 **The Search of the Very First Recoil Protons Recorded in SRC Reactions, at BM@N**

Speaker
Madalina Mihaela Miloi

16:45–17:00
Feasibility Study of ϕ(1020)-meson Collective Flow Measurements at MPD Experiment with Enhanced Particle Production in Bi+Bi Collisions at $\sqrt{s_{NN}} = 9.2$ GeV

Speaker
Daria Flusova

17:00