Session Program

18–22 Oct 2026

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

Information Technology

Thursday 22 October

14:30

Information Technology

Session | **Location:** Conference hall 2

14:30–14:45 **Delivery of User Software to CVMFS**

Speaker
Egor Tsamtsurov

14:45–15:00 **User-Oriented Monitoring of Computing Jobs for the JUNO Experiment**

Speaker
Albert Dzakhoev

15:00–15:15
Scalable Orchestration and Dynamical Modeling of Distributed Workloads in the SPD Online Filter

Speaker
Nikita Greben

15:15–15:30 **Data Flow and Data Control in the SPD Online Filter Middleware**

Speaker
Polina Korshunova

15:30–15:45
Simulation of Ionization Chambers and an Irradiated Sample in Geant4 for the ARIADNA Long-Term Irradiation Station at the NICA Complex

Speaker
Kanat Zholdasbekov

15:45

16:00

Information Technology

Session | **Location:** Conference hall 2

16:00–16:15 **Enhancement of Order in the FitzHugh–Nagumo Neurons Ring by Lévy noise**

Speaker
Nataliia Nikishina

16:15–16:30
Computer Vision for Sparse-View Neutron Tomography Reconstruction and Multimodal 3D Segmentation

Speaker
Bulat Bakirov

16:30–16:45 **Approach to the Visualization of the BM@N Experiment Based on Unity Engine**

Speaker
Konstantin Tukhvatulin

16:45–17:00
Development of a Toolkit for Modeling of Cryogenic Memory Based on Controllable Magnetization Reversal in a Coupled Chain of φ_0 Junctions

Speaker
Adiba Rahmonova

17:00–17:15 **DocMS on the SciDocsCloud Platform for Scientific Document Management**

Speaker
Ivan Sokolov

17:15