Session Program

7–11 Sept 2026



XXth Workshop on High Energy Spin Physics

Parallel B

JINR, BLTP Conference Hall
Joliot-Curie St. 6, Dubna, Moscow Region, Russia, 141980

Monday 7 September

15:00

Parallel B: Session I

Session | **Location:** BLTP JINR, Blokhintsev auditorium, 4th floor | **Convener:** Chairman: Vladimir Ladygin

15:00–15:20

Physical principles of atomic beam production and diagnostic methods (the APol Absolute polarimeter project)

Speaker
Mr Larionov, Vladislav

15:20–15:40

Status of the SPD Range System Implementation in Sampo

Speaker
Osetrov, Alexandr

15:40–16:00

Light collection in scintillator tiles of the BBC detector for the SPD experiment

Speaker
Shafikova, Dina

16:00–16:20

Simulations of the azimuthal asymmetries of charged particles in pp-collisions with BBC detector at the SPD.

Speaker
Terekhin, Arkadiy

16:20–16:40

High multiplicity sources

Speaker
Prof. Кокоулина, Елена

16:40–17:00

Spin of Proton and Structure of Deutron

Speaker
Мусульманбеков, Женис

17:00

17:15

Parallel B: Session II

Session | **Location:** BLTP JINR, Blokhintsev auditorium, 4th floor | **Convener:** Chairlady: Елена Кокоулина

17:15–17:35

[Zoom] On Electricity and Magnetism in the Space-Time Film Theory

Speaker
Chernitskii, Alexander

17:35–17:55

Измерение спиновой выстроенности K*-(892)- мезонов, образованных в K-ядерных-взаимодействиях на ускорительном комплексе У-70

Speaker
Kalugin, Nikita

17:55–18:15

Standard Model parameters, fundamental constants and dynamics of particles and fields with spin

Speaker
Makhaldiani, Nugzar

18:15–18:35 **Kerr-Newman Electron as a String Quark Generated by Strong Gravity**

Speaker
Burinskii, Alexander

18:55

Tuesday 8 September

15:00

Parallel B: Session III

Session | **Location:** BLTP JINR, Blokhintsev auditorium, 4th floor | **Convener:** Chairman: Vasilii Mochalov

15:00–15:25

Observation of single-spin asymmetry of inclusive charged pions production and polarization of inclusively produced Λ- and $\bar{\Lambda}$-hyperons in the SPASCHARM experiment

Speaker
Moiseev, Vyacheslav

15:25–15:50 **Leptonic decay of the Z boson for polarized Higgs-strahlung**

Speaker
Hurynovich, Aliaksei

15:50–16:10

Influence of Inverse-Compton-Like Quark–Gluon Configurations on Transverse Momentum and Pseudorapidity Distributions in Proton–Proton Collisions

Speakers
Alizada, Mohsun, Prof. Suleymanov, Mais

16:10–16:30 **Status of ALPOM2 setup**

Speaker
Кириллов, Д

16:30

16:50

Parallel B: Session IV

Session | **Location:** BLTP JINR, Blokhintsev auditorium, 4th floor | **Convener:** Chairman: Николай Пискунов

16:50–17:15 **Hadron gravitational form factors \\ and high energy nucleon elastic scattering**

Speaker
Selyugin, Oleg

17:15–17:35 **Generalized parton distributions of a deuteron in an AdS/QCD hard-wall model**

Speaker
Allahverdiyeva, Minaya

17:35–17:55 **[Zoom] Spin-Dependent Glueball Spectrum and Regge Trajectories in SU(3) Dual QCD**

Speaker
Dr Punetha, Garima

17:55–18:15 **Spin symmetry operators of the Dirac equation and the problem of separation of variables**

Speaker
Breev, Alexander

18:15–18:35 **Hardware and software complex for control and synchronization of the SPI equipment**

Speaker
Дунин, Никита

18:55

18:35–18:55 **Polarized Electron Scattering from Light Nuclei at High Energies**

Speaker
Dr Vo, Minh Truong

Wednesday 9 September

15:00

Parallel B: Session V

Session | **Location:** BLTP JINR, Blokhintsev auditorium, 4th floor | **Convener:** Chairman: Alexey Zhevlakov

15:00–15:25 **Spin observables of the dd→n+p+d and pd-> pd processes**

Speaker
Uzikov, Yury

15:25–15:50 **Self-similarity, fractal cumulativity and spin**

Speaker
Tokarev, Mikhail

15:50–16:10
Spin-orbit effects in decays of (pseudo)scalar particles and diffraction of twisted quantum states

Speaker
Borodin, Nikita

16:10–16:30 **Исследование реакции np ->$\Delta^{++} \Delta^-$ при промежуточных энергиях**

Speaker
Иерусалимов, Александр

16:30

16:50

Parallel B: Session VI

Session | **Location:** BLTP JINR, Blokhintsev auditorium, 4th floor | **Convener:** Chairman: Andrej Arbuzov

16:50–17:15 **Storage Ring for Searching for the Electric Dipole Moment of Light Nuclei at INR RAS**

Speaker
Melnikov, Aleksei

17:15–17:40
Effect of orbital motion on the spin dynamics of charged particles in a Magnetic Structure and an Electrostatic Structure for EDM Searches

Speaker
Palamarchuka, Patricija

17:40–18:05 **Magnetic moments of light charged vector mesons in relativistic quark model**

Speaker
Dr Haurysh, Vadzim

18:05–18:30
[Zoom] Comparative analysis of the contribution of the subprocesses qg→qγ, qqbar→qγ, qγ→qγ, qqbar→gγ to the double longitudinal spin asymmetry and to the transverse momentum spectra of direct photons produced in collisions of polarized protons at PHENIX and SPD energies.

Speaker
Kruashvili, Dmitry

18:30–18:55

[Zoom] Breakdown of the domain wall and generation of solitary vortex structures in a permalloy film with a stepped relief on a surface

Speaker
Rokhin, Mikhail

18:55