

Session Program

15–20 Sept 2025



XXVIth International Baldin Seminar on High Energy Physics Problems "Relativistic Nuclear Physics and Quantum Chromodynamics"

Quantum chromodynamics at large distances

VBLHEP JINR

Monday 15 September

14:00

Quantum chromodynamics at large distances

Session | Location: VBLHEP, LHEP-215/Conference Hall - Конференц-зал корп. 215 | Convener: Dzhunushaliev, Vladimir

14:00–14:30 Exploring Higher-Twist Hadron Structure in Light-Front QCD

Speaker

Dr SHARMA, SHUBHAM

14:30–14:50 Phase diagram of QCD and two color QCD: dualities and inhomogeneous phases

Speaker

Zhokhov, Roman

14:50–15:20 Chiral and deconfinement crossovers at finite quark spin density from lattice QCD

Speaker

Dr Roenko, Artem

15:20–15:40

The light-by-light contribution to the anomalous magnetic moment of muon within the nonlocal chiral quark model with vector and axial-vector meson

Speaker

Radzhabov, Andrey

15:40

16:00

Quantum chromodynamics at large distances

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16:00–16:20 Gluodynamics in accelerated frames using lattice simulation

Speaker

Day, Jayanta

16:20–16:40 Studying properties of the SU(2) QCD by lattice field theory methods

Speaker

Kudrov, Ilya

16:40–17:00 New analysis of the Bjorken sum rule based on the analytic perturbation theory

Speaker

Volkova, Daria

17:00–17:20

Contribution of linearly polarized gluons in charmonium production within the Soft Gluon Resummation approach

Speaker

Shilyaev, Kirill

17:20–17:40 Color field configuration between three static quarks

Speaker

Prof. Dzhunushaliev, Vladimir

17:40–18:10 Light quark masses

18:10

Speaker
Osipov, Alexander