

Session Program

15–20 Sept 2025



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

Plenary

VBLHEP JINR

Monday 15 September

10:00

Plenary

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

10:00–10:15

Opening

Speaker

Matveev, Victor

10:55

10:15–10:55

Heavy ions in science and technology

Speaker

Oganessian, Yuri

11:30

Plenary

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

11:30–12:00

Status and perspectives of the MPD at NICA

Speaker

Dr Riabov, Victor

12:30

12:00–12:30

Status of BM@N experiment

Speaker

Zavertyaev, Mikhail

Tuesday 16 September

09:00

Plenary

Session | Location: VBLHEP, LHEP-215/Conference Hall - Конференц-зал корп. 215 | Convener: Prof. Braguta, Victor

09:00–09:30 The atomic nucleus as a bound system of $3A$ quarks

Speaker

Kosyakov, Boris

09:30–10:00 Relativistic light-front wave function of He-3

Speaker

Karmanov, Vladimir

10:00–10:20 Azimuthal anisotropies from jets in pp, heavy ion collisions up to ultra cold gases

Speaker

Milosevic, Jovan

10:20–10:40 Study of D_{03} and D_{30} dibaryons in a SU(3) chiral constituent quark model

Speaker

Dong, Yubing

10:40

11:00

Plenary

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

11:00–11:40

Quark color - a step towards understanding the properties of nuclear matter (to the 60th anniversary of the colored quark hypothesis)

Speaker

Matveev, Victor

11:40–12:20 25 years of heavy-ion physics at the RHIC

Speaker

Taranenko, Arkadiy

12:20–12:50

Spatially inhomogeneous confinement/deconfinement phase transition in rotating gluodynamics and QCD

Speaker

Prof. Braguta, Victor

12:50

Saturday 20 September

09:00

Plenary

Session | Location: VBLHEP, LHEP-215/Conference Hall - Конференц-зал корп. 215 | Convener: Dr Bondarenko, Serge

09:00–09:40

Nearly forgotten results in development of physical cosmology

Speaker

Zakharov, Alexander

09:40–10:20

Polarization and gravity in hadronic and heavy-ion collisions

Speaker

Teryaev, Oleg

10:20

10:40

Plenary

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10:40–11:20

Highlights of Unstable States in Relativistic Dissociation of Light Nuclei

Speaker

Zarubin, Pavel

11:20–11:50

Jets and quarks at the NICA collider

Speaker

Malakhov, Aleksandr

11:50–12:00

Closing

Speaker

Dr Bondarenko, Serge

12:00