

XXV | INTERNATIONAL BALDIN SEMINAR ON HIGH ENERGY PHYSICS PROBLEMS

September, 15–20.2025



DUBNA

JINR

RELATIVISTIC NUCLEAR PHYSICS & QUANTUM CHROMODYNAMICS

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Seminar Topics

- Quantum chromodynamics at large distances
- Relativistic heavy ion collisions
- Hadron spectroscopy, multiquarks
- Cumulative and subthreshold processes
- Structure functions of hadrons and nuclei
- Dynamics of multiparticle production
- Polarization phenomena, spin physics
- Nuclear astrophysics
- Studies of exotic nuclei in relativistic beams
- Applied use of relativistic beams
- Accelerator facilities: status and perspectives
- Project NICA/MPD/SPD at JINR
- Progress in experimental studies in high energy centers — JINR, CERN, BNL, JLAB, GSI, etc.

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