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



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Type: not specified

Local polarimetry with inclusive neutral pions in SPD at NICA

Friday, 22 September 2023 10:00 (20 minutes)

The Spin Physics Detector (SPD) will be installed in the second interaction point of the Nuclotron-based Ion Collider fAcility (NICA) at the Joint Institute for Nuclear Research in Dubna. The main goal is to study the spin structure of the proton and deuteron, and other spin- related phenomena with polarized proton and deuteron beams at a collision energy up to $\sqrt{s} = 27$ GeV and luminosity up to 10 < sup > 32 < sup > 2 < sup > 32 < sup > 1 < sup > 10 < sup > 32 < sup > 1 < sup > 10 < sup > 32 < sup > 1 < sup > 10 < sup > 32 < sup > 1 < sup > 10 < sup > 32 < sup > 1 < sup > 10 < sup > 32 < sup >

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Session Classification: Parallel: Project NICA/MPD/SPD at JINR