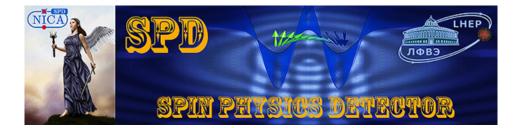
International Workshop "SPD at NICA-2019"



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## Production of muon pairs and vector mesons in ultraperipheral nuclear collisions. Challenge for SPD?

Wednesday 5 June 2019 12:30 (20 minutes)

The main goal of SPD is the investigation of lepton pairs with high invariant mass production in the collision of polarized protons. In the proposed talk I would discuss the production of  $\mu$ +  $\mu$ - pairs and light vector mesons in electromagnetic fields of two colliding heavy nuclei and challenges which appear in this activity direction for SPD.

Presenter: Dr GEVORKYAN, Sergey

Session Classification: Session 2