

**Список статей от Лаборатории криогенной и сверхпроводящей техники,  
2025 год**

1. Electric-charge-dependent directed flow splitting of produced quarks in Au+ Au collisions.

L. Kochenda, P. Kravtsov et al. (STAR collaboration)

Physics Letters B,(2025) 139245

10.1016/j.physletb.2025.139245

2. Energy dependence of polarized  $\gamma \gamma \rightarrow e^+ e^-$  in peripheral Au+ Au collisions at  $\sqrt{s_{NN}} = 54.4$  and 200 GeV with the STAR experiment at RHIC

L. Kochenda, P. Kravtsov et al. (STAR collaboration)

Physical Review C 111.1 (2025): 014909

10.1103/PhysRevC.111.014909

3. Measurement of two-point energy correlators within jets in p+p collisions at  $\sqrt{s} = 200$  GeV.

L. Kochenda, P. Kravtsov et al. (STAR collaboration)

Physical Review Letters 135, no.11 (2025) 111901

4. Modeling Polarized Atomic Beam Source (PABS).

A.Vasiliev et al.

Physics of Particles and Nuclei Letters 22(5):1157-1160 (2025)

5. A two-axis manipulator for measuring the intensity profile of atomic and ionic beams.

A.Vasiliev et al.

Scientific and Technical Journal of Information Technologies, Mechanics and Optics, 2025, 25(2), pp. 366-372