

Список публикаций в Лаборатории криогенной и сверхпроводящей техники в 2018 году

1. A.Vorobyev “Project for Precision Measurement of the Proton Charge Radius in Electron-Proton Scattering. Report at the conference “Hadron Structure and QCD: from Low to High Energies”, Gatchina, August 6-10, 2018.
2. V. Sokhoyan for “Proton” collaboration, "High-precision Measurement of the Proton Radius with TPC", talk and proceedings at the Workshop “Precision Measurements and Fundamental Physics: The Proton Radius Puzzle and Beyond” (Mainz) 2018.
3. R. Engels for PolFusion collaboration. Advantages of Nuclear Fusion with Polarized Fuel. 23d International Symposium, SPIN2018, Ferrara Italy. Proceedings will be Scopus publication.
4. P. Kravchenko for PolFusion collaboration. The status of the double polarized fusion experiment. 23d International Symposium, SPIN2018, Ferrara Italy. Proceedings will be Scopus publication.
5. Phase Measurement for Driven Spin Oscillations in a Storage Ring. January 2018. N. Hempelmann, ..., A. Vasilyev, ... DOI: 10.1103/PhysRevAccelBeams.21.042002.
6. Measurement of trace impurities in ultra pure hydrogen and deuterium at the parts-per-billion level using gas chromatography. Nuclear Inst. and Methods in Physics Research, A **880** (2018) 181-187.
7. Hertzog for MuSun collaboration. Muon capture and the MuSun experiment. Center for Experimental Nuclear Physics and Astrophysics (CENPA). 2018 Annual Report. University of Washington. pp. 70-79 (2018).
8. Production and Storage of Polarized H₂, D₂ and HD Molecules June 2018 DOI: 10.22323/1.324.0033 Conference: XVII International Workshop on Polarized Sources, Targets & Polarimetry (PSTP2017) At: Kaist, Daejeon, South Korea Volume: Proceedings of Science: PoS(PSTP2017)033
9. Advantages of Nuclear Fusion with Polarized Fuel June 2018 DOI: 10.22323/1.324.0031 Conference: XVII International Workshop on Polarized Sources, Targets & Polarimetry (PSTP2017) At: KAIST, Daejeon, South Korea Volume: Proceedings of Science: PoS(PSTP2017)031
10. . Study of inelastic A(p,p')X reaction with Nuclei at 1GeV. O.MV. Miklukho (St. Petersburg, INP) [et.al.](#), 2018. 10pp Published in Phys.Atom.Nucl. 81 (2018) no.3, 320-329, Yad.Fiz. 81 (2018) no.3, 304-313
11. Longitudinal double-spin asymmetries in semi-inclusive deep-inelastic scattering of electrons and positrons by protons and deuterons. HERMES Collaboration (A.Airapetian(Giessen U. & Michigan U.) et al.) Oct 16.2018, 13pp. DESY-18-181 e-Print:arXiv:1810.07054[hep-ex]