

Список избранных работ сотрудников ИЯФ СО РАН им. Г.И. Будкера за последние 5 лет:

- [1] M. N. Achasov *et al.* [SND], “Study of the reaction $e^+e^- \rightarrow \pi^0\gamma$ with the SND detector at the VEPP-2M collider,” Phys. Rev. D **93**, no.9, 092001 (2016) doi:10.1103/PhysRevD.93.092001 [arXiv:1601.08061 [hep-ex]].
- [2] M. N. Achasov *et al.* [SND], “Search for the process $e^+e^- \rightarrow \eta$,” Phys. Rev. D **98**, no.5, 052007 (2018) doi:10.1103/PhysRevD.98.052007 [arXiv:1806.07609 [hep-ex]].
- [3] O. L. Rezanova [KEDR], “Testing the electron tagging system of the KEDR detector using muon pairs produced in photon–photon collisions,” Phys. Part. Nucl. **49**, no.1, 78-80 (2018) doi:10.1134/S1063779618010343
- [4] V. V. Anashin *et al.* [KEDR], “Precise measurement of R_{uds} and R between 1.84 and 3.72 GeV at the KEDR detector,” Phys. Lett. B **788**, 42-51 (2019) doi:10.1016/j.physletb.2018.11.012 [arXiv:1805.06235 [hep-ex]].
- [5] A. Bondar, E. Borisova, A. Buzulutskov, E. Frolov, V. Nosov, V. Oleynikov and A. Sokolov, “Observation of primary scintillations in the visible range in liquid argon doped with methane,” JINST **15**, no.06, C06053 (2020) doi:10.1088/1748-0221/15/06/C06053 [arXiv:2004.13296 [physics.ins-det]].
- [6] C. E. Aalseth *et al.* [DarkSide], “SiPM-matrix readout of two-phase argon detectors using electroluminescence in the visible and near infrared range,” Eur. Phys. J. C **81**, no.2, 153 (2021) doi:10.1140/epjc/s10052-020-08801-2 [arXiv:2004.02024 [physics.ins-det]].
- [7] A. M. Sirunyan *et al.* [CMS], “Measurements with silicon photomultipliers of dose-rate effects in the radiation damage of plastic scintillator tiles in the CMS hadron endcap calorimeter,” JINST **15**, no.06, P06009 (2020) doi:10.1088/1748-0221/15/06/P06009 [arXiv:2001.06553 [physics.ins-det]].
- [8] L. Shekhtman, F. Ignatov and V. Tayursky, “Simulation of physics background in Super c-tau factory detector,” EPJ Web Conf. **212**, 01009 (2019) doi:10.1051/epjconf/201921201009
- [9] A. Bondar, A. Buzulutskov, A. Dolgov, E. Frolov, V. Nosov, V. Oleynikov, E. Shemyakina and A. Sokolov, “Neutral bremsstrahlung in two-phase argon electroluminescence: further studies and possible applications,” Nucl. Instrum. Meth. A **958**, 162432 (2020) doi:10.1016/j.nima.2019.162432 [arXiv:1905.05502 [physics.ins-det]].