

Сведения об организации:

Федеральное государственное бюджетное образовательное учреждение высшего образования Московский государственный университет имени М.В.Ломоносова, Научно-исследовательский институт ядерной физики имени Д.В. Скобельцына (НИИЯФ МГУ), 119991, ГСП-1, Москва, Ленинские горы, дом 1, строение 2, Тел.:(495)9391818, Факс: (495)9390896, Эл. адрес: [info@sinp.msu.ru](mailto:info@sinp.msu.ru) <http://www.sinp.msu.ru/ru>

Публикации сотрудников НИИЯФ МГУ за последние 5 лет по теме диссертации:

1. ZEUS Collaboration; H. Abramowicz et al., "Measurement of high- $Q^2$  neutral current deep inelastic  $e^+p$  scattering cross sections with a longitudinally polarised positron beam at HERA", *Phys. Rev. D* 87 (2013) 052014.
2. H1 and ZEUS Collaboration; F.D. Aaron et al. "Combination and QCD Analysis of Charm Production Cross Section Measurements in Deep-Inelastic  $ep$  Scattering at HERA", *Eur. Phys. J. C* 73 (2013) 2311.
3. ZEUS Collaboration; H. Abramowicz et al., "Measurement of Neutral Current  $e^+p$  Cross Sections at High Bjorken  $x$  with the ZEUS Detector", *Phys. Rev. D* 89 (2014) 072007.
4. CDF and D0 Collaborations, T. Aaltonen et al., "Tevatron Constraints on Models of the Higgs Boson with Exotic Spin and Parity Using Decays to Bottom-Antibottom Quark Pairs", *Phys. Rev. Lett.* 114 (2015) 151802.
5. D0 Collaboration, V.M. Abazov et al., "Study of double parton interactions in diphoton + dijet events in  $p\bar{p}$  collisions at  $\sqrt{s} = 1.96$  TeV", *Phys. Rev. D* 93 (2016) 052008.
6. D0 Collaboration, V.M. Abazov et al., "Measurement of Spin Correlation between Top and Antitop Quarks Produced in  $p\bar{p}$  Collisions at  $\sqrt{s} = 1.96$  TeV", *Phys. Lett. B* 757 (2016) 199.
7. ATLAS Collaboration, G. Aad et al., "Measurements of spin correlation in top-antitop quark events from proton-proton collisions at  $\sqrt{s}=7$  TeV using the ATLAS detector", *Phys. Rev. D* 90 (2014) 112016.
8. ATLAS Collaboration, G. Aad et al., "Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector", *Eur. Phys. J. C* 75 (2015) 476.
9. ATLAS Collaboration, M. Aaboud et al., "Study of hard double-parton scattering in four-jet events in  $pp$  collisions at  $\sqrt{s} = 7$  TeV with the ATLAS experiment", *JHEP* 1611 (2016) 110.
10. ATLAS Collaboration, M. Aaboud et al., "Measurements of top quark spin observables in  $t\bar{t}$  events using dilepton final states in  $\sqrt{s} = 8$  TeV  $pp$  collisions with the ATLAS detector", *JHEP* 03 (2017) 113.
11. CMS Collaboration, V. Khachatryan et al., "Constraints on the spin-parity and anomalous HVV couplings of the Higgs boson in proton collisions at 7 and 8 TeV", *Phys. Rev. D* 92 (2015) 012004.
12. CMS Collaboration, V. Khachatryan et al., "Constraints on parton distribution functions and extraction of the strong coupling constant from the inclusive jet cross section in  $pp$  collisions at  $\sqrt{s} = 7$  TeV", *Eur. Phys. J. C* 75 (2015) 288.
13. CMS Collaboration, V. Khachatryan et al., "Measurements of  $t\bar{t}$  spin correlations and top quark polarization using dilepton final states in  $pp$  collisions at  $\sqrt{s} = 8$  TeV", *Phys. Rev. D* 93 (2016) 052007.
14. CMS Collaboration, A.M. Sirunyan et al., "Measurement of double-differential cross sections for top quark pair production in  $pp$  collisions at  $\sqrt{s}=8$  TeV and impact on parton distribution functions", *Eur. Phys. J. C* 77 (2017) 459.
15. LHCb Collaboration, R. Aaij et al., "Production of associated  $\Upsilon$  and open charm hadrons in  $pp$  collisions at  $\sqrt{s} = 7$  and 8 TeV via double parton scattering", *JHEP* 1607 (2016) 052.