

## Список публикаций с.н.с. Голованова Г.А.

### Основные публикации

1. **D0** Collaboration, V. M. Abazov *et al.*, “Combination of D0 measurements of the top quark mass,” *Phys. Rev. D* **95** no. 11, (2017) 112004, arXiv:1703.06994 [hep-ex]
2. **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** no. 5, (2016) 052008, arXiv:1512.05291 [hep-ex]
3. **D0** Collaboration, V. M. Abazov *et al.*, “Double Parton Interactions in  $\gamma+3$  Jet and  $\gamma+b/cjet+2$  Jet Events in  $p\bar{p}$  Collisions at  $\sqrt{s} = 1.96$  TeV,” *Phys. Rev. D* **89** no. 7, (2014) 072006, arXiv:1402.1550 [hep-ex]
4. **D0** Collaboration, V. M. Abazov *et al.*, “Jet Energy Scale Determination in the D0 Experiment,” *Nucl. Instrum. Meth. A* **763** (2014) 442–475, arXiv:1312.6873 [hep-ex]
5. **D0** Collaboration, V. M. Abazov *et al.*, “Measurement of the differential cross section of photon plus jet production in  $p\bar{p}$  collisions at  $\sqrt{s} = 1.96$  TeV,” *Phys. Rev. D* **88** (2013) 072008, arXiv:1308.2708 [hep-ex]
6. **D0** Collaboration, V. M. Abazov *et al.*, “Muon Reconstruction and Identification with the Run II D0 Detector,” *Nucl. Instrum. Meth. A* **737** (2014) 281–294, arXiv:1307.5202 [hep-ex]
7. **D0** Collaboration, V. M. Abazov *et al.*, “Azimuthal decorrelations and multiple parton interactions in  $\gamma+2$  jet and  $\gamma+3$  jet events in  $p\bar{p}$  collisions at  $\sqrt{s} = 1.96$  TeV,” *Phys. Rev. D* **83** (2011) 052008, arXiv:1101.1509 [hep-ex]
8. D. Bandurin, G. Golovanov, and N. Skachkov, “Double Parton Interactions as a Background to Associated HW Production at the Tevatron,” *JHEP* **04** (2011) 054, arXiv:1011.2186 [hep-ph]
9. **D0** Collaboration, V. M. Abazov *et al.*, “Double parton interactions in  $\gamma+3$  jet events in  $p\bar{p}$  collisions at  $\sqrt{s} = 1.96$  TeV,” *Phys. Rev. D* **81** (2010) 052012, arXiv:0912.5104 [hep-ex]
10. **D0** Collaboration, V. M. Abazov *et al.*, “Measurement of the Differential Cross-Section for the Production of an Isolated Photon with Associated Jet in  $p\bar{p}$  Collisions at  $\sqrt{s} = 1.96$ -TeV,” *Phys. Lett. B* **666** (2008) 435–445, arXiv:0804.1107 [hep-ex]

### Публикации по итогам конференций

1. G. Golovanov, “SPD Range (muon) System,” in *RFBR Grants for NICA. Phys.Part.Nucl.* (2021) (направлено в печать)
2. G. Golovanov, “Muon System for spin physics detector at NICA,” *New Trends in High Energy Physics: Proceedings of the Conference (Budva, Montenegro,2018)* **N52** (2019) 219
3. V. Abazov *et al.*, “ $\bar{P}$ ANDA Muon System Prototype,” *EPJ Web Conf.* **177** (2018) 04001
4. G. Golovanov, “Physics of double parton interactions: Recent results from  $D\bar{D}$  experiment,” *EPJ Web Conf.* **138** (2017) 07001
5. **D0** Collaboration, G. Golovanov, “Study of multiple partonic interactions in dzero.” in *3rd International Workshop on Multiple Partonic Interactions at the LHC. DESY-PROC-2012-03*, pp. 127–133. 8, 2012

## Препринты

1. V. M. Abazov *et al.*, “Conceptual design of the Spin Physics Detector,” arXiv:2102.00442 [hep-ex]
2. **PANDA** Collaboration, G. Barucca *et al.*, “PANDA Phase One,” arXiv:2101.11877 [hep-ex]
3. V. M. Abazov *et al.*, “Azimuthal decorrelations and multiple parton interactions  $\gamma+2$  jet and  $\gamma+3$  jet events in  $p\bar{p}$  collisions at  $\sqrt{s} = 1.96$  TeV,” arXiv:1101.1509 [hep-ex]
4. D. Bandurin, G. Golovanov, and N. Skachkov, “Double parton interactions as a background to associated HW production at the Tevatron,” arXiv:1011.2186 [hep-ex]
5. V. M. Abazov *et al.*, “Measurement of the differential cross section for the production of an isolated photon with associated jet in  $p\bar{p}$  collisions at  $\sqrt{s} = 1.96$  TeV,” arXiv:0804.1107 [hep-ex]
6. **DO** Collaboration, D. Bandurin, G. Golovanov, N. Skachkov, and D. Korablev, “Measurement of Triple Differential Photon Plus Jet Cross Sections in  $p\bar{p}$  Collisions At 1.96 TeV In DO,” FERMILAB-PUB-08-081-E



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