

Публикации ОФВЭ за 2013 год

№	Авторы	Название работы	Точная ссылка на опубликованные раб.
1	2	3	4
1	V. Guzey, E. Kryshen, M. Zhalov(PNPI), , M. Strikman(PSU)	Evidence for nuclear gluon shadowing from the ALICE measurements of PbPb ultraperipheral exclusive J/ψ production	Phys.Lett. B726 (2013) 290-295
2	V. Guzey, M. Zhalov(PNPI)	Exclusive J/ψ production in ultraperipheral collisions at the LHC: constrains on the gluon distributions in the proton and nuclei	JHEP 1310 (2013) 207
3.	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..)	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC	JHEP 1309 (2013) 049
4.	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Charge correlations using the balance function in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Phys.Lett. B723 (2013) 267-279
5	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE	Phys.Rev. C88 (2013) 044909
6	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Centrality dependence of π, K, p production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Phys.Rev. C88 (2013) 044910
7	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV measured by ALICE	Eur.Phys.J. C73 (2013) 2496
8	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	D meson elliptic flow in non-central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Phys.Rev.Lett. 111 (2013) 102301
9	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Long-range angular correlations of π, K and p in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Phys.Lett. B726 (2013) 164-177
10	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov	Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV	Phys.Lett. B722 (2013) 262-272

	, (PNPI), ..et.al. ..)		
11	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Long-range angular correlations on the near and away side in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.	Phys.Lett. B719 (2013) 29-41
12	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in p-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV.	Phys.Rev.Lett. 110 (2013) 082302
13	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Pseudorapidity density of charged particles p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV.	Phys.Rev.Lett. 110 (2013) 032301
14	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Coherent J/Psi photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Phys.Lett. B718 (2013) 1273-1283
15	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Measurement of inelastic, single- and double-diffraction cross sections in proton--proton collisions at the LHC with ALICE.	Eur.Phys.J. C73 (2013) 2456
16	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Centrality Dependence of Charged Particle Production at Large Transverse Momentum in Pb--Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV.	Phys.Lett. B720 (2013) 52-62
17	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s} = 7$ TeV.	Phys.Lett. B721 (2013) 13-23
18	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Net-Charge Fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Phys.Rev.Lett. 110 (2013) 152301
19	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Charge separation relative to the reaction plane in Pb-Pb collisions at 2.76 TeV.	Phys.Rev.Lett. 110 (2013) 012301
20	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV	Phys.Lett.B 719 (2013) 18-28
21	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanischev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. et al.)	$v(1S+2S+3S)$ production in $d+Au$ and $p+p$ collisions	Phys.Rev. C87 (2013) 044909
22	PHENIX Collaboration (A. Adare (Colorado U.) ,D.	Double Spin Asymmetry of Electrons from	Phys.Rev. D87 (2013) 012011

	Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Heavy Flavor Decays in $p+p$ Collisions at $\sqrt{s}=200$ GeV	
23	Ya.Berdnikov, D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI)	Electromagnetic and hadron signatures of quark-gluon plasma in heavy-ion collisions at 62.4 GeV in the PHOENIX experiment on the RHIC	Bull.Russ.Acad.Sci.Phys. 77 (2013) 900-903, Izv.Ross.Akad.Nauk. 77 (2013) 988-991
24	Ya. Berdnikov, D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI)	Dielectron measurements during heavy ion collisions at $\sqrt{s_{NN}}=200$ GeV in the PHENIX experiment at RHIC	Bull.Russ.Acad.Sci.Phys. 77 (2013) 904-907, Izv.Ross.Akad.Nauk. 77 (2013) 992-996
25	Бердников А.Я., Головин А.В., Иванищев Д.А., Котов Д.О., Рябов В.Г., Рябов Ю.Г.	Выход электронов от полупертоновых распадов частиц, содержащих тяжелые кварки, в протон-протонных столкновениях при энергии 200 ГэВ.	№1(165)2013 "НТБ СПбГПУ. Физико-математические науки", стр. 159-163.
26	Бердников А.Я., Головин А.В., Иванищев Д.А., Котов Д.О., Рябов В.Г., Рябов Ю.Г.	Измерение выходов частиц, содержащих тяжелые кварки, в столкновениях ядер золота при энергии 200 ГэВ.	№2(170)2013 "НТБ СПбГПУ. Физико-математические науки", стр. 171-176.
27	Бердников А.Я., Головин А.В., Иванищев Д.А., Котов Д.О., Рябов В.Г., Рябов Ю.Г.	Измерение эллиптического потока частиц, содержащих тяжелые кварки, в столкновениях ядер золота при энергии 200 ГэВ.	№2(170)2013 "НТБ СПбГПУ. Физико-математические науки", стр. 176-181.
28	Бердников А.Я., Головин А.В., Иванищев Д.А., Котов Д.О., Рябов В.Г., Рябов Ю.Г.	Измерение факторов ядерной модификации для электронов от полупертоновых распадов частиц, содержащих тяжелые кварки.	№4(182)2013 "НТБ СПбГПУ. Физико-математические науки.
29	V. Guzey, M. Zhalov(PNPI)	Rapidity and momentum transfer distributions of coherent J/ψ photoproduction in ultraperipheral pPb collisions at the LHC	e-Print: arXiv:1307.6689 [hep-ph]
30	E.L.Kryshen (PNPI) for the ALICE collaboration	Overview of ALICE results	e-Print: arXiv:1310.5819 [nucl-ex]
31	E.L.Kryshen(PNPI) for the ALICE collaboration	Diffraction and ultraperipheral collisions at ALICE	e-Print: arXiv:1306.1072 [nucl-ex]
32	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov, (PNPI), ..et.al. ..)	Two and Three-Pion Quantum Statistics Correlations in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV at the LHC	e-Print: arXiv:1310.7808 [nucl-ex]
33	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov, (PNPI), ..et.al. ..)	J/ψ production and nuclear effects in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	e-Print: arXiv:1308.6726 [nucl-ex]

34	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Multiplicity Dependence of Pion, Kaon, Proton and Lambda Production in p--Pb Collisions at $\sqrt{s_{NN}}= 5.02$ TeV	e-Print: arXiv:1307.6796 [nucl-ex]
35	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	e-Print: arXiv:1307.5543 [nucl-ex]
36	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al...)	Long-range angular correlations of pi, K and p in p--Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	e-Print: arXiv:1307.3237 [nucl-ex]
37	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Multiplicity dependence of the average transverse momentum in pp, p-Pb, and Pb-Pb collisions at the LHC	e-Print: arXiv:1307.1094 [nucl-ex]
38	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Energy Dependence of the Transverse Momentum Distributions of Charged Particles in pp Collisions Measured by ALICE	e-Print: arXiv:1307.1093 [nucl-ex]
39	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Directed flow of charged particles at mid-rapidity relative to the spectator plane in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV	e-Print: arXiv:1306.4145 [nucl-ex]
40	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	Performance of the ALICE VZERO system	e-Print: arXiv:1306.3130 [nucl-ex]
41	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , ..)	D meson elliptic flow in non-central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	e-Print: arXiv:1305.2707 [nucl-ex]
42	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $s\sqrt{= 0.9, 2.76}$ and 7 TeV measured by ALICE	e-Print: arXiv:1305.1562 [nucl-ex]
43	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	Charmonium and e^+e^- pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	e-Print: arXiv:1305.1467 [nucl-ex]
44	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	. Centrality dependence of π, K, p production in Pb-Pb collisions at $s_{NN} = \sqrt{= 2.76}$ TeV	e-Print: arXiv:1303.0737 [hep-ex]
45	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al.)	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE	e-Print: arXiv:1301.4361 [nucl-ex]

46	H.Honkanen, M.Strikman(PSU), V.Guzey(PNPI,NRC KI)	Modeling nuclear parton distribution functions	e-Print: arXiv:1310.5879 [hep-ph]
47	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	System-size dependence of open-heavy-flavor production in nucleus-nucleus collisions at $\sqrt{s_{NN}}=200$ GeV	e-Print: arXiv:1310.8286 [nucl-ex]
48	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Centrality categorization for $R_{\{p(d)+A\}}$ in high-energy collisions	e-Print: arXiv:1310.4793 [nucl-ex]
49	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Cold-nuclear-matter effects on heavy-quark production at forward and backward rapidity in d+Au collisions at $\sqrt{s_{NN}}=200$ GeV	e-Print: arXiv:1310.1005 [nucl-ex]
50	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Azimuthal anisotropy of π^0 and η mesons in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV	e-Print: arXiv:1309.4437 [nucl-ex]
51	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Nuclear modification of ψ', χ_c and J/ψ production in d+Au collisions at $\sqrt{s_{NN}}=200$ GeV	e-Print: arXiv:1305.5516 [nucl-ex]
52	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Spectra and ratios of identified particles in Au+Au and d+Au collisions at $\sqrt{s_{NN}} \sim 200$ GeV	e-Print: arXiv:1304.3410 [nucl-ex]
53	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i>)	Quadrupole anisotropy in dihadron azimuthal correlations in central d+Au collisions at $\sqrt{s_{NN}}=200$ GeV	e-Print: arXiv:1303.1794 [nucl-ex]
54	С.И. Воробьев, А.Л. Геталов, Е.И. Головенциц, Е.Н. Комаров, С.А. Котов, И.И. Павлова, А.Э. Морослип, В.А. Санина, Г.В. Щербаков.	Исследование мультиферроика $GdMn_2O_5$ с помощью μ SR-метода.	VI Международная научная конференция «АКТУАЛЬНЫЕ ПРОБЛЕМЫ ФИЗИКИ ТВЕРДОГО ТЕЛА» (ФТТ-2013): сборник докладов Международной научной конференции, Минск, 15-18 октября 2013 г. В трех томах. Т. 1, стр. 118-120.
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56	С.Г. Барсов, С.И. Воробьев, А.Л. Геталов, С.А. Котов,	Исследование фазовых переходов в сплавах	IV Международный,

	Г.В. Щербаков.	(Pd _{1-x} Fe _x) _{0.95} Mn _{0.05} и Cu _(1-x) Mn _x с помощью μ SR-метода.	междисциплинарный симпозиум «Среды со структурным и магнитным упорядочением» (MULTIFERROICS-4). 4-7 сентября 2013 г г.Ростов-на-Дону- г. Туапсе, Краснодарский край.
57	С.И. Воробьев, А.Л. Геталов, Е.И. Головенциц, Е.Н. Комаров, С.А. Котов, И.И. Павлова, А.Э. Морослип, В.А. Санина, Г.В. Щербаков.	Исследование мультиферроика Eu _{0.8} Ce _{0.2} Mn ₂ O ₅ с помощью μ SR-метода.	IV Международный, междисциплинарный симпозиум «Среды со структурным и магнитным упорядочением» (MULTIFERROICS-4). 4-7 сентября 2013 г г.Ростов-на-Дону- г. Туапсе, Краснодарский край.
58	С.И. Воробьев, А.Л. Геталов, Е.И. Головенциц, Е.Н. Комаров, С.А. Котов, И.И. Павлова, А.Э. Морослип, В.А. Санина, Г.В. Щербаков.	Исследование мультиферроика Eu _{0.8} Ce _{0.2} Mn ₂ O ₅ с помощью μ SR-метода.	Научная сессия НИЯУ МИФИ-2013.
59	С.И. Воробьев, А.Л. Геталов, Е.Н. Комаров, С.А. Котов, И.И. Павлова, А.Э. Морослип, Г.В. Щербаков.	Исследование магнитных фазовых переходов и распределений локальных магнитных полей в манганитах редкоземельных металлов μ SR-методом.	Научная сессия НИЯУ МИФИ-2013.
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