

## 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)	<b>Evidence for nuclear gluon shadowing from the ALICE measurements of PbPb ultraperipheral exclusive <math>J/\psi</math> production</b>	<b>Phys.Lett. B726 (2013) 290-295</b>
2	V. Guzey, M. Zhalov(PNPI)	<b>Exclusive <math>J/\psi</math> production in ultraperipheral collisions at the LHC: constrains on the gluon distributions in the proton and nuclei</b>	<b>JHEP 1310 (2013) 207</b>
3.	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..)	<b>Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC</b>	<b>JHEP 1309 (2013) 049</b>
4.	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	<b>Charge correlations using the balance function in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV</b>	<b>Phys.Lett. B723 (2013) 267-279</b>
5	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	<b>Centrality determination of Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV with ALICE</b>	<b>Phys.Rev. C88 (2013) 044909</b>
6	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	<b>Centrality dependence of <math>\pi</math>, K, p production in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV</b>	<b>Phys.Rev. C88 (2013) 044910</b>
7	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	<b>Mid-rapidity anti-baryon to baryon ratios in pp collisions at <math>\sqrt{s} = 0.9, 2.76</math> and 7 TeV measured by ALICE</b>	<b>Eur.Phys.J. C73 (2013) 2496</b>
8	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	<b>D meson elliptic flow in non-central Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV</b>	<b>Phys.Rev.Lett. 111 (2013) 102301</b>
9	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	<b>Long-range angular correlations of <math>\pi</math>, K and p in p-Pb collisions at <math>\sqrt{s_{NN}} = 5.02</math> TeV</b>	<b>Phys.Lett. B726 (2013) 164-177</b>
10	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov	<b>Measurement of the inclusive differential jet cross section in pp collisions at <math>\sqrt{s} = 2.76</math> TeV</b>	<b>Phys.Lett. B722 (2013) 262-272</b>

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

	Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i> )	<b>Heavy Flavor Decays in <math>p+p</math> Collisions at <math>\sqrt{s}=200</math> GeV</b>	
23	Ya.Berdnikov, D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI)	<b>Electromagnetic and hadron signatures of quark-gluon plasma in heavy-ion collisions at 62.4 GeV in the PHOENIX experiment on the RHIC</b>	<b>Bull.Russ.Acad.Sci.Phys. 77 (2013) 900-903, Izv.Ross.Akad.Nauk. 77 (2013) 988-991</b>
24	Ya. Berdnikov, D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI)	<b>Dielectron measurements during heavy ion collisions at <math>\sqrt{s_{NN}}=200</math> GeV in the PHENIX experiment at RHIC</b>	<b>Bull.Russ.Acad.Sci.Phys. 77 (2013) 904-907, Izv.Ross.Akad.Nauk. 77 (2013) 992-996</b>
25	Бердников А.Я., Головин А.В., Иванищев Д.А., Котов Д.О., Рябов В.Г., Рябов Ю.Г.	<b>Выход электронов от полупертоновых распадов частиц, содержащих тяжелые кварки, в протон-протонных столкновениях при энергии 200 ГэВ.</b>	<b>№1(165)2013 "НТБ СПбГПУ. Физико-математические науки", стр. 159-163.</b>
26	Бердников А.Я., Головин А.В., Иванищев Д.А., Котов Д.О., Рябов В.Г., Рябов Ю.Г.	<b>Измерение выходов частиц, содержащих тяжелые кварки, в столкновениях ядер золота при энергии 200 ГэВ.</b>	<b>№2(170)2013 "НТБ СПбГПУ. Физико-математические науки", стр. 171-176.</b>
27	Бердников А.Я., Головин А.В., Иванищев Д.А., Котов Д.О., Рябов В.Г., Рябов Ю.Г.	<b>Измерение эллиптического потока частиц, содержащих тяжелые кварки, в столкновениях ядер золота при энергии 200 ГэВ.</b>	<b>№2(170)2013 "НТБ СПбГПУ. Физико-математические науки", стр. 176-181.</b>
28	Бердников А.Я., Головин А.В., Иванищев Д.А., Котов Д.О., Рябов В.Г., Рябов Ю.Г.	<b>Измерение факторов ядерной модификации для электронов от полупертоновых распадов частиц, содержащих тяжелые кварки.</b>	<b>№4(182)2013 "НТБ СПбГПУ. Физико-математические науки.</b>
29	V. Guzey, M. Zhalov(PNPI)	<b>Rapidity and momentum transfer distributions of coherent <math>J/\psi</math> photoproduction in ultraperipheral pPb collisions at the LHC</b>	e-Print: arXiv:1307.6689 [hep-ph]
30	E.L.Kryshen (PNPI) for the ALICE collaboration	<b>Overview of ALICE results</b>	e-Print: arXiv:1310.5819 [nucl-ex]
31	E.L.Kryshen(PNPI) for the ALICE collaboration	<b>Diffraction and ultraperipheral collisions at ALICE</b>	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. ..)	<b>Two and Three-Pion Quantum Statistics Correlations in Pb-Pb Collisions at <math>\sqrt{s_{NN}}=2.76</math> TeV at the LHC</b>	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. ..)	<b><math>J/\psi</math> production and nuclear effects in p-Pb collisions at <math>\sqrt{s_{NN}}=5.02</math> TeV</b>	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. ..)	<b>Multiplicity Dependence of Pion, Kaon, Proton and Lambda Production in p--Pb Collisions at <math>\sqrt{s_{NN}} = 5.02</math> TeV</b>	e-Print: <a href="#">arXiv:1307.6796 [nucl-ex]</a>
35	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	<b>Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV</b>	e-Print: <a href="#">arXiv:1307.5543 [nucl-ex]</a>
36	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al...)	<b>Long-range angular correlations of pi, K and p in p--Pb collisions at <math>\sqrt{s_{NN}} = 5.02</math> TeV</b>	e-Print: <a href="#">arXiv:1307.3237 [nucl-ex]</a>
37	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	<b>Multiplicity dependence of the average transverse momentum in pp, p-Pb, and Pb-Pb collisions at the LHC</b>	e-Print: <a href="#">arXiv:1307.1094 [nucl-ex]</a>
38	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	<b>Energy Dependence of the Transverse Momentum Distributions of Charged Particles in pp Collisions Measured by ALICE</b>	e-Print: <a href="#">arXiv:1307.1093 [nucl-ex]</a>
39	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	<b>Directed flow of charged particles at mid-rapidity relative to the spectator plane in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV</b>	e-Print: <a href="#">arXiv:1306.4145 [nucl-ex]</a>
40	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al., ..)	<b>Performance of the ALICE VZERO system</b>	e-Print: <a href="#">arXiv:1306.3130 [nucl-ex]</a>
41	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , ..)	<b>D meson elliptic flow in non-central Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV</b>	e-Print: <a href="#">arXiv:1305.2707 [nucl-ex]</a>
42	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	<b>Mid-rapidity anti-baryon to baryon ratios in pp collisions at <math>\sqrt{s} = 0.9, 2.76</math> and 7 TeV measured by ALICE</b>	e-Print: <a href="#">arXiv:1305.1562 [nucl-ex]</a>
43	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	<b>Charmonium and <math>e^+e^-</math> pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV</b>	e-Print: <a href="#">arXiv:1305.1467 [nucl-ex]</a>
44	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov , (PNPI), ..et.al. ..)	<b>. Centrality dependence of <math>\pi, K, p</math> production in Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV</b>	e-Print: <a href="#">arXiv:1303.0737 [hep-ex]</a>
45	ALICE Coll. (B.Abelev(LLNL), ..V.Ivanov, E.Kryshen, A.Khanzadeev, M.Malaev, V.Nikulin, V.Samsonov, M.Zhalov (PNPI), ..et.al.)	<b>Centrality determination of Pb-Pb collisions at <math>\sqrt{s_{NN}} = 2.76</math> TeV with ALICE</b>	e-Print: <a href="#">arXiv:1301.4361 [nucl-ex]</a>

46	H.Honkanen, M.Strikman(PSU), V.Guzey(PNPI,NRC KI)	<b>Modeling nuclear parton distribution functions</b>	e-Print: <a href="#">arXiv:1310.5879 [hep-ph]</a>
47	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i> )	<b>System-size dependence of open-heavy-flavor production in nucleus-nucleus collisions at <math>\sqrt{s_{NN}}=200</math> GeV</b>	e-Print: <a href="#">arXiv:1310.8286 [nucl-ex]</a>
48	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i> )	<b>Centrality categorization for <math>R_{\{p(d)+A\}}</math> in high-energy collisions</b>	e-Print: <a href="#">arXiv:1310.4793 [nucl-ex]</a>
49	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i> )	<b>Cold-nuclear-matter effects on heavy-quark production at forward and backward rapidity in d+Au collisions at <math>\sqrt{s_{NN}}=200</math> GeV</b>	e-Print: <a href="#">arXiv:1310.1005 [nucl-ex]</a>
50	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i> )	<b>Azimuthal anisotropy of <math>\pi^0</math> and <math>\eta</math> mesons in Au+Au collisions at <math>\sqrt{s_{NN}}=200</math> GeV</b>	e-Print: <a href="#">arXiv:1309.4437 [nucl-ex]</a>
51	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i> )	<b>Nuclear modification of <math>\psi'</math>, <math>\chi_c</math> and <math>J/\psi</math> production in d+Au collisions at <math>\sqrt{s_{NN}}=200</math> GeV</b>	e-Print: <a href="#">arXiv:1305.5516 [nucl-ex]</a>
52	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i> )	<b>Spectra and ratios of identified particles in Au+Au and d+Au collisions at <math>\sqrt{s_{NN}} \sim 200</math> GeV</b>	e-Print: <a href="#">arXiv:1304.3410 [nucl-ex]</a>
53	PHENIX Collaboration (A. Adare (Colorado U.) ,D. Ivanishev, D.Kotov, A Khanzadeev, V.Riabov, Yu. Ryabov, V.Samsonov (PNPI) .. <i>et al.</i> )	<b>Quadrupole anisotropy in dihadron azimuthal correlations in central d+Au collisions at <math>\sqrt{s_{NN}}=200</math> GeV</b>	e-Print: <a href="#">arXiv:1303.1794 [nucl-ex]</a>
54	<b>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.</b>	Исследование мультиферроика GdMn <sub>2</sub> O <sub>5</sub> с помощью $\mu$ SR-метода.	<b>VI Международная научная конференция «АКТУАЛЬНЫЕ ПРОБЛЕМЫ ФИЗИКИ ТВЕРДОГО ТЕЛА» (ФТТ-2013):</b> сборник докладов Международной научной конференции, Минск, 15-18 октября 2013 г. В трех томах. Т. 1, стр. 118-120.
55.	<b>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.</b>	Исследование мультиферроика Eu <sub>0,8</sub> Ce <sub>0,2</sub> Mn <sub>2</sub> O <sub>5</sub> с помощью $\mu$ SR-метода.	<b>VI Международная научная конференция «АКТУАЛЬНЫЕ ПРОБЛЕМЫ ФИЗИКИ ТВЕРДОГО ТЕЛА» (ФТТ-2013):</b> сборник докладов Международной научной конференции, Минск, 15-18 октября 2013 г. В трех томах. Т. 1, стр. 227-229.
56	<b>С.Г. Барсов, С.И. Воробьев, А.Л. Геталов, С.А. Котов,</b>	Исследование фазовых переходов в сплавах	<b>IV Международный,</b>

	<b>Г.В. Щербаков.</b>	(Pd <sub>1-x</sub> Fe <sub>x</sub> ) <sub>0.95</sub> Mn <sub>0.05</sub> и Cu <sub>(1-x)</sub> Mn <sub>x</sub> с помощью $\mu$ SR-метода.	<b>междисциплинарный симпозиум «Среды со структурным и магнитным упорядочением» (MULTIFERROICS-4).</b> 4-7 сентября 2013 г г.Ростов-на-Дону- г. Туапсе, Краснодарский край.
57	<b>С.И. Воробьев, А.Л. Геталов, Е.И. Головенчиц, Е.Н. Комаров, С.А. Котов, И.И. Павлова, А.Э. Морослип, В.А. Санина, Г.В. Щербаков.</b>	Исследование мультиферроика Eu <sub>0.8</sub> Ce <sub>0.2</sub> Mn <sub>2</sub> O <sub>5</sub> с помощью $\mu$ SR-метода.	<b>IV Международный, междисциплинарный симпозиум «Среды со структурным и магнитным упорядочением» (MULTIFERROICS-4).</b> 4-7 сентября 2013 г г.Ростов-на-Дону- г. Туапсе, Краснодарский край.
58	<b>С.И. Воробьев, А.Л. Геталов, Е.И. Головенчиц, Е.Н. Комаров, С.А. Котов, И.И. Павлова, А.Э. Морослип, В.А. Санина, Г.В. Щербаков.</b>	Исследование мультиферроика Eu <sub>0.8</sub> Ce <sub>0.2</sub> Mn <sub>2</sub> O <sub>5</sub> с помощью $\mu$ SR-метода.	<b>Научная сессия НИЯУ МИФИ-2013.</b>
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71	G.Aad, ....., O.L. Fedin et. al.	Search for direct third-generation squark pair production in final states with missing transverse momentum and two b-jets in $\sqrt{s}=8$ TeV pp collisions with the ATLAS detector	<a href="#">JHEP10(2013)189</a> <a href="#">arXiv:1308.2631</a> [ <b>hep-ex</b> ] – <b>26 pp</b>
72	G.Aad, ....., O.L. Fedin et. al.	Search for new phenomena using final states with large jet multiplicities and missing transverse momentum with ATLAS in 20 fb <sup>-1</sup> of $\sqrt{s}=8$ TeV proton-proton collisions	<a href="#">JHEP10(2013)130</a> <a href="#">arXiv:1308.1841</a> [ <b>hep-ex</b> ] – <b>35 pp</b>
73	G.Aad, ....., O.L. Fedin et. al.	Search for excited electrons and muons with proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	<a href="#">New J. Phys. 15 (2013) 093011</a> <a href="#">arXiv:1308.1364</a> [ <b>hep-ex</b> ] – <b>15 pp</b>
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77	G.Aad, ....., O.L. Fedin et. al.	Measurement of the differential cross section of B <sup>+</sup> meson production in pp collisions at $\sqrt{s}=7$ TeV at ATLAS	<a href="#">JHEP10(2013)042</a> <a href="#">arXiv:1307.0126</a> [ <b>hep-ex</b> ] – <b>20pp</b>
78	G.Aad, ....., O.L. Fedin et. al.	Measurement of the azimuthal angle dependence of inclusive jet yields in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector	<a href="#">Phys. Rev. Lett 111, 152301 (2013)</a> <a href="#">arXiv:1306.6469</a> [ <b>hep-ex</b> ]
79	G.Aad, ....., O.L. Fedin et. al.	Performance of jet substructure techniques for large-R jets in proton-proton collisions at $\sqrt{s}=7$	<a href="#">JHEP09 (2013) 076</a> <a href="#">arXiv:1306.4945</a> [ <b>hep-ex</b> ] – <b>72 pp</b>

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80	G.Aad, ....., O.L. Fedin et. al.	Measurement of the high-mass Drell-Yan differential cross-section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">Phys. Lett. B 725 (2013) pp. 223-242</a> <a href="#">arXiv:1305.4192 [hep-ex]</a> – 8 pp
81	G.Aad, ....., O.L. Fedin et. al.	A search for ttbar resonances in the lepton plus jets final state with ATLAS using 4.7 fb <sup>-1</sup> of pp collisions at $\sqrt{s} = 7$ TeV	<a href="#">Phys. Rev. D 88, 012004 (2013)</a> <a href="#">arXiv:1305.2756 [hep-ex]</a> – 16 pp
82	G.Aad, ....., O.L. Fedin et. al.	Triggers for Displaced Decays of Long-lived Neutral Particles in the ATLAS Detector	<a href="#">JINST 8 (2013) P07015</a> <a href="#">arXiv:1305.2284 [hep-ex]</a> – 19 pp
83	G.Aad, ....., O.L. Fedin et. al.	Characterisation and mitigation of beam-induced backgrounds observed in the ATLAS detector during the 2011 proton-proton run	<a href="#">JINST 8 (2013) P07004</a> <a href="#">arXiv:1303.0223 [hep-ex]</a> – 54 pp
84	G.Aad, ....., O.L. Fedin et. al.	Search for heavy resonance decaying to WW or WZ in the lvjj and lvJ (boosted) final states.	<a href="#">Phys. Rev. D 87, 112006 (2013)</a> <a href="#">arXiv:1305.0125 [hep-ex]</a> – 11 pp
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89	G.Aad, ....., O.L. Fedin et. al.	Search for third generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">JHEP06(2013)033</a> <a href="#">arXiv:1303.0526 [hep-ex]</a> – 24 pp
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91	G.Aad, ....., O.L. Fedin et. al.	Improved luminosity determination in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector at the LHC	<a href="#">Eur. Phys. J. C (2013) 73:2518</a> <a href="#">arXiv:1302.4393 [hep-ex]</a> – 27 pp

92	G.Aad, ....., O.L. Fedin et. al.	Search for WH production with a light Higgs boson decaying to prompt electron-jets in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">New J. Phys. 15 (2013) 043009</a> <a href="#">arXiv:1302.4403 [hep-ex]</a> – 19 pp
93	G.Aad, ....., O.L. Fedin et. al.	Search for a light charged Higgs boson in the decay channel $H^+ \rightarrow c\bar{s}$ in $t\bar{t}$ events using pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">Eur. Phys. J. C, 73 6 (2013) 2465</a> <a href="#">arXiv:1302.3694 [hep-ex]</a> – 9 pp
94	G.Aad, ....., O.L. Fedin et. al.	Measurement of the cross-section for W boson production in association with b-jets in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">JHEP 06 (2013) 084</a> <a href="#">arXiv:1302.2929 [hep-ex]</a> – 31 pp
95	G.Aad, ....., O.L. Fedin et. al.	Measurements of $W\gamma$ and $Z\gamma$ production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector at the LHC	<a href="#">Phys. Rev. D 87, 112003 (2013)</a> <a href="#">arXiv:1302.1283 [hep-ex]</a> – 28 pp
96	G.Aad, ....., O.L. Fedin et. al.	Measurement of kt splitting scales in $W \rightarrow l\nu$ events at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">Eur. Phys. J. C, 73 5 (2013) 2432</a> <a href="#">arXiv:1302.1415 [hep-ex]</a> – 17 pp
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98	G.Aad, ....., O.L. Fedin et. al.	Search for long-lived, multi-charged particles in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector	<a href="#">Phys. Lett. B 722 (2013) 305-323</a> <a href="#">arXiv:1301.5272 [hep-ex]</a> – 8 pp
99	G.Aad, ....., O.L. Fedin et. al.	Search for single $b^*$ -quark production with the ATLAS detector at $\sqrt{s} = 7$ TeV	<a href="#">Phys. Lett. B 721 (2013) 171-189</a> <a href="#">arXiv:1301.1583 [hep-ex]</a> – 11 pp
100	G.Aad, ....., O.L. Fedin et. al.	Multi-channel search for squarks and gluinos in $\sqrt{s} = 7$ TeV pp collisions with the ATLAS detector at the LHC	<a href="#">Eur. Phys. J. C (2013) 73</a> <a href="#">arXiv:1212.6149 [hep-ex]</a> – 21 pp
101	G.Aad, ....., O.L. Fedin et. al.	A Search for Prompt Lepton-Jets in pp Collisions at $\sqrt{s} = 7$ TeV with the ATLAS Detector	<a href="#">Phys. Lett. B 719 (2013) 299-317</a> <a href="#">arXiv:1212.5409 [hep-ex]</a> – 9 pp
102	G.Aad, ....., O.L. Fedin et. al.	Observation of associated near- and away-side long-range pseudorapidity correlations in $\sqrt{s_{NN}} = 5.02$ TeV proton-lead collisions at the LHC with the ATLAS detector	<a href="#">Phys. Rev. Lett. 110, 182302 (2013)</a> <a href="#">arXiv:1212.5198 [hep-ex]</a> – 5 pp
103	G.Aad, ....., O.L. Fedin et. al.	Search for charged Higgs bosons through the violation of lepton universality in $t\bar{t}$ events using pp collision data at $\sqrt{s} = 7$ TeV with the	<a href="#">JHEP03(2013)076</a> <a href="#">arXiv:1212.3572 [hep-ex]</a> – 20 pp

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104	G.Aad, ....., O.L. Fedin et. al.	Search for a heavy narrow resonance decaying to e-mu, e-tau or mu-tau with the ATLAS detector in $\sqrt{s} = 7$ TeV pp collisions at the LHC	<a href="#">Phys. Lett. B 723 (2013) 15-32</a> <a href="#">arXiv:1212.1272 [hep-ex]</a> – 11 pp
105	G.Aad, ....., O.L. Fedin et. al.	Measurement of the tt production cross section in the tau+jets channel using the ATLAS detector	<a href="#">Eur. Phys. J. C, 73 3 (2013) 2328</a> <a href="#">arXiv:1211.7205 [hep-ex]</a> – 7 pp
106	G.Aad, ....., O.L. Fedin et. al.	Measurement of Uψlon production in 7 TeV pp collisions at ATLAS	<a href="#">Phys. Rev. D 87, 052004 (2013)</a> <a href="#">arXiv:1211.7255 [hep-ex]</a> – 19 pp
107	G.Aad, ....., O.L. Fedin et. al.	Measurement of angular correlations in Drell-Yan lepton pairs to probe Z/gamma* boson transverse momentum at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">Phys. Lett. B 720 (2013) 32-51</a> <a href="#">arXiv:1211.6899 [hep-ex]</a> – 10 pp
108	G.Aad, ....., O.L. Fedin et. al.	Search for the neutral Higgs bosons of the Minimal Supersymmetric Standard Model in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">JHEP02(2013)095</a> <a href="#">arXiv:1211.6956 [hep-ex]</a> – 30 pp
109	G.Aad, ....., O.L. Fedin et. al.	Search for new phenomena in events with three charged leptons at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">Phys. Rev. D 87, 052002 (2013)</a> <a href="#">arXiv:1211.6312 [hep-ex]</a> – 23 pp
110	G.Aad, ....., O.L. Fedin et. al.	Measurement of ZZ production in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous ZZZ and ZZgamma couplings with the ATLAS detector	<a href="#">JHEP03(2013)128</a> <a href="#">arXiv:1211.6096 [hep-ex]</a> – 30 pp
111	G.Aad, ....., O.L. Fedin et. al.	Search for resonances decaying into top-quark pairs using fully hadronic decays in pp collisions with ATLAS at $\sqrt{s} = 7$ TeV	<a href="#">JHEP 1301 (2013) 116</a> <a href="#">arXiv:1211.2202 [hep-ex]</a> – 35 pp
112	G.Aad, ....., O.L. Fedin et. al.	Measurement of isolated-photon pair production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">JHEP01(2013)086</a> <a href="#">arXiv:1211.1913 [hep-ex]</a> – 24 pp
113	G.Aad, ....., O.L. Fedin et. al.	Searches for heavy long-lived sleptons and R-hadrons with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV	<a href="#">Phys. Lett. B 720 (2013) 277-308</a> <a href="#">arXiv:1211.1597 [hep-ex]</a> – 33 pp
114	G.Aad, ....., O.L. Fedin et. al.	Search for contact interactions and large extra dimensions in dilepton events from pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">Phys. Rev. D 87, 015010 (2013)</a> <a href="#">arXiv:1211.1150 [hep-ex]</a> – 12 pp
115	G.Aad, ....., O.L. Fedin et. al.	Search for supersymmetry in events with photons, bottom quarks, and missing transverse momentum in proton-proton collisions at a centre-of-mass	<a href="#">Phys. Lett. B 719 (2013) 261-279</a> <a href="#">arXiv:1211.1167 [hep-ex]</a> – 9 pp

		energy of 7 TeV with the ATLAS detector	
116	G.Aad, ....., O.L. Fedin et. al.	Search for long-lived, heavy particles in final states with a muon and multi-track displaced vertex in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">Phys. Lett. B 719 (2013) 280-298</a> <a href="#">arXiv:1210.7451 [hep-ex]</a> – 9 pp
117	G.Aad, ....., O.L. Fedin et. al.	Measurement of Z boson production in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector	<a href="#">Phys. Rev. Lett 110, 022301 (2013)</a> <a href="#">arXiv:1210.6486 [hep-ex]</a> – 5 pp
118	G.Aad, ....., O.L. Fedin et. al.	A search for high-mass resonances decaying to tau+tau- in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">Phys. Lett. B 719 (2013) 242-260</a> <a href="#">arXiv:1210.6604 [hep-ex]</a> – 10 pp
119	G.Aad, ....., O.L. Fedin et. al.	Jet energy resolution in proton-proton collisions at $\sqrt{s} = 7$ TeV recorded in 2010 with the ATLAS detector	<a href="#">Eur. Phys. J. C, 73 3 (2013) 2306</a> <a href="#">arXiv:1210.6210 [hep-ex]</a> – 13 pp
120	G.Aad, ....., O.L. Fedin et. al.	Search for pair production of a heavy top-like quarks decaying to a high-p_T W boson and a b quark in the lepton plus jets final state at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">Phys. Lett. B 718 (2013)1284-1302</a> <a href="#">arXiv:1210.5468 [hep-ex]</a> – 11 pp
121	G.Aad, ....., O.L. Fedin et. al.	Search for pair-produced massive coloured scalars in four-jet final states with the ATLAS detector in proton-proton collisions at $s\sqrt{=7}$ TeV	<a href="#">Eur. Phys. J. C (2013) 73: 2263</a> <a href="#">arXiv:1210.4826 [hep-ex]</a> – 7 pp
122	G.Aad, ....., O.L. Fedin et. al.	Search for dark matter and large extra dimensions in events with a jet and missing transverse momentum with the ATLAS detector	<a href="#">JHEP 1304 (2013) 075</a> <a href="#">arXiv:1210.4491 [hep-ex]</a> – 36 pp
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124	G.Aad, ....., O.L. Fedin et. al.	Search for direct chargino production in anomaly-mediated supersymmetry breaking models based on a disappearing-track signature in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	<a href="#">JHEP01(2013)131</a> <a href="#">arXiv:1210.2852 [hep-ex]</a> – 18 pp
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