

Публикации за 2014 год ОФВЭ

1.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, <i>et al.</i>	Search for quark contact interactions and extra spatial dimensions using dijet angular distributions in proton-proton collisions at $\sqrt{s} = 8$ TeV.	CMS-EXO-12-050, CERN-PH-EP-2014-261 e-Print: arXiv:1411.2646 .
2.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, <i>et al.</i>	Performance of the missing transverse energy reconstruction by the CMS experiment in $\sqrt{s} = 8$ TeV pp data.	CMS-JME-13-003, CERN-PH-EP-2014-246 e-Print: arXiv:1411.0511 .
3.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, <i>et al.</i>	Search for new phenomena in monophoton final states in proton-proton collisions at $\sqrt{s} = 8$ TeV.	CMS-EXO-12-047, CERN-PH-EP-2014-253 e-Print: arXiv:1410.8812 .
4.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, <i>et al.</i>	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.	CMS-EXO-12-047, CERN-PH-EP-2014-253 e-Print: arXiv:1410.8812 .
5.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, <i>et al.</i>	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.	CMS-SMP-12-028, CERN-PH-EP-2014-238 e-Print: arXiv:1410.6765 .
6.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, <i>et al.</i>	Search for a standard model-like Higgs boson in the $\mu + \mu -$ and $e + e -$ decay channels at the LHC.	CMS-SMP-13-015, CERN-PH-EP-2014-250 e-Print: arXiv:1410.6315 .
7.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, <i>et al.</i>	Measurement of the ratio $B(B + c \rightarrow J/\psi \pi + \pi + \pi -)/B(B + c \rightarrow J/\psi \pi +)$ and the production cross sections times branching fractions of $B + c \rightarrow J/\psi \pi +$ and $B + \rightarrow J/\psi K +$ in pp collisions at $\sqrt{s} = 7$ TeV.	CMS-BPH-12-011, CERN-PH-EP-2014-248 e-Print: arXiv:1410.5729 .
8.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov,	Study of Z production in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV in the dimuon and dielectron decay channels.	CMS-HIN-13-004, CERN-PH-EP-2014-235 e-Print: arXiv:1410.4825 .

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12.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, <i>et al.</i>	Measurement of prompt $\psi(2S)$ to J/ψ yield ratios in PbPb and pp collisions at $\sqrt{s} = 2.76$ TeV.	CMS-HIN-12-007, CERN-PH-EP-2014-240 e-Print: arXiv:1410.1804 .
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15.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov.	Search for standard model production of four top quarks in the lepton + jets channel in pp collisions at $\sqrt{s} = 8$ TeV.	CMS-TOP-13-012, CERN-PH-EP-2014-222 e-Print: arXiv:1409.7339 .
16.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov,	Measurement of the production cross section ratio $\sigma(\chi_{b2}(1)\mathrm{P})/$	CMS-BPH-13-005, CERN-PH-EP-2014-217 e-Print: arXiv:1409.5761 .

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20.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, <i>et al.</i>	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at $\sqrt{s} = 8$ TeV.	CMS-EXO-12-048, CERN-PH-EP-2014-164 e-Print: arXiv:1408.3583 .
21.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, <i>et al.</i>	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions.	JHEP 1410 (2014) 160.
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32.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov,	Differential cross section measurements for the production of a W boson in association	CMS-SMP-12-023, CERN-PH-EP-2014-134 e-Print: arXiv:1406.7533 .

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44.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, <i>et al.</i>	Search for massive resonances decaying into pairs of boosted bosons in semi-leptonic final states at $s\sqrt{=8}$ TeV.	JHEP 1408 (2014) 174.
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155.	V.T. Kim	Jets with large rapidity separation at CMS: dijet 'K-factor' and azimuthal angle decorrelations.	Low-x Workshop, DESY, Гамбург, Германия.

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157.	ATLAS Collaboration	A measurement of the ratio of the production cross sections for W and Z bosons in association with jets with the ATLAS detector	arXiv:1408.6510 -20 pp
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163.	ATLAS Collaboration	Performance of the ATLAS muon trigger in pp collisions at $\sqrt{s} = 8$ TeV	arXiv:1408.3179 - 19 pp
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182.	ATLAS Collaboration	Simultaneous measurements of the $t\bar{t}$, W^+W^- , and $Z/\gamma^* \rightarrow \tau\tau$ production cross-sections in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	arXiv:1407.0573 - 35 pp
183.	ATLAS Collaboration	Measurements of normalized differential cross-sections for $t\bar{t}$ production 182.in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector	arXiv:1407.0371 - 48 pp
184.	ATLAS Collaboration	Comprehensive measurements of t -channel single top-quark production cross sections at $\sqrt{s} = 7$ TeV with the ATLAS detector	arXiv:1406.7844 - 50 pp
185.	ATLAS Collaboration	Measurement of the $t\bar{t}$ production cross-section using $e\mu$ events with b -tagged jets in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV with the ATLAS detector	arXiv:1406.5375 - 32 pp
186.	ATLAS Collaboration	Search for WZ resonances in the fully leptonic channel using pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	arXiv:1406.4456 - 23 pp
187.	ATLAS Collaboration	Search for Higgs Boson Pair Production in the $\gamma\gamma b\bar{b}$ Final State using pp Collision Data at $\sqrt{s} = 8$ TeV from the ATLAS Detector	arXiv:1406.5053 - 19 pp

188.	ATLAS Collaboration	Measurement of inclusive jet charged-particle fragmentation functions in Pb+Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector	arXiv:1406.2979 – 33 pp
189.	ATLAS Collaboration	Jet energy measurement and its systematic uncertainty in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	arXiv:1406.0076 – 100 pp
190.	ATLAS Collaboration	Measurement of the centrality and pseudorapidity dependence of the integrated elliptic flow in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector	arXiv:1405.3936 – 21 pp
191.	ATLAS Collaboration	Search for high-mass dilepton resonances in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	arXiv:1405.4123 – 18 pp
192.	ATLAS Collaboration	Evidence of electroweak production of $W^{\pm}W^{\pm}jj$ in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	arXiv:1405.6241 - 7 pp
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195.	ATLAS Collaboration	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s}=7$ TeV	arXiv:1409.0832 - 14 pp
196.	ATLAS Collaboration	Measurement of long-range pseudorapidity correlations and azimuthal harmonics in $\sqrt{s_{NN}}=5.02$ TeV proton-lead collisions with the ATLAS detector	arXiv:1409.1792 - 21 pp

197.	ATLAS Collaboration	Search for $H \rightarrow \gamma\gamma$ produced in association with top quarks and constraints on the Yukawa coupling between the top quark and the Higgs boson using data taken at 7 TeV and 8 TeV with the ATLAS detector	arXiv:1409.3122 - 12 pp
198.	ATLAS Collaboration	Measurement of distributions sensitive to the underlying event in inclusive Z-boson production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector	arXiv:1409.3433 - 34 pp
199.	ATLAS Collaboration	Search for non-pointing and delayed photons in the diphoton and missing transverse momentum final state in 8 TeV pp collisions at the LHC using the ATLAS detector	arXiv:1409.5542 - 16 pp
200.	ATLAS Collaboration	Search for pair and single production of new heavy quarks that decay to a Z boson and a third-generation quark in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	arXiv:1409.5500 - 36 pp
201.	ATLAS Collaboration	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	arXiv:1409.6064 - 32 pp
202.	ATLAS Collaboration	Search for the $bb\bar{\bar{}}$ decay of the Standard Model Higgs boson in associated $(W/Z)H$ production with the ATLAS detector	arXiv:1409.6212 - 69 pp
203.	ATLAS Collaboration	Search for resonant diboson production in the $\ell\ell qq\bar{\bar{}}$ final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	arXiv:1409.6190 - 8 pp
204.	ATLAS Collaboration	Measurements of the W production cross sections in association with jets with the ATLAS detector	arXiv:1409.8639 - 8 pp

205.	ATLAS Collaboration	Search for s-channel single top-quark production in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector	arXiv:1410.0647 - 10 pp
206.	ATLAS Collaboration	Search for dark matter in events with heavy quarks and missing transverse momentum in <i>pp</i> collisions with the ATLAS detector	arXiv:1410.4031 - 10 pp
207.	ATLAS Collaboration	Search for $W' \rightarrow tb$ in the lepton plus jets final state in proton-proton collisions at a centre-of-mass energy of $\sqrt{s} = 8$ TeV with the ATLAS detector	arXiv:1410.4103 - 11 pp
208.	ATLAS Collaboration	Search for the X_b and other hidden-beauty states in the $\pi^+\pi^-Y(1S)$ channel at ATLAS	arXiv:1410.4409 - 8 pp
209.	ATLAS Collaboration	Search for invisible particles produced in association with single-top-quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	arXiv:1410.5404 - 14 pp
210.	ATLAS Collaboration	Monitoring and data quality assessment of the ATLAS liquid argon calorimeter	J. Instrum. 9 (2014) P07024 -39 pp
211.	ATLAS Collaboration	Electron reconstruction and identification efficiency measurements with the ATLAS detector using the 2011 LHC proton-proton collision data	Eur. Phys. J. C (2014) 74:2941 – 38 pp
212.	ATLAS Collaboration	Measurement of the low-mass Drell-Yan differential cross section at $\sqrt{s} = 7$ TeV using the ATLAS detector	J. High Energy Phys. 06 (2014) 112 – 32 pp
213.	ATLAS Collaboration	Measurement of the parity-violating asymmetry parameter α_b and the helicity amplitudes for the decay $\Lambda_0 b \rightarrow J/\psi \Lambda_0$ with the ATLAS detector	Phys. Rev. D 89 (2014) 092009 -12 pp
214.	ATLAS Collaboration	Search for dark matter in events with a Z boson and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	Phys. Rev. D 90 (2014) 012004 – 8 pp

215.	ATLAS Collaboration	Search for top quark decays $t \rightarrow qH$ with $H \rightarrow \gamma\gamma$ using the ATLAS detector	J.High Energy Phys. 06 (2014) 008 – 45 pp
216.	ATLAS Collaboration	Search for direct top-squark pair production in final states with two leptons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	J. High Energy Phys. 06 (2014) 124 – 84 pp
217.	ATLAS Collaboration	Search for direct production of charginos and neutralinos in events with three leptons and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector	J. High Energy Phys. 04 (2014) 169 – 29 pp
218.	ATLAS Collaboration	Measurement of the production of a W boson in association with a charm quark in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	J. High Energy Phys. 05 (2014) 068 – 74 pp
219.	ATLAS Collaboration	The differential production cross section of the $\phi(1020)$ meson in $\sqrt{s} = 7$ TeV pp collisions measured with the ATLAS Detector	Eur. Phys. J. C (2014) 74:2895 – 11 pp
220.	ATLAS Collaboration	Search for invisible decays of a Higgs boson produced in association with a Z boson in ATLAS	Phys. Rev. Lett. 112 (2014) 201802 – 19 pp
221.	ATLAS Collaboration	Search for Higgs boson decays to a photon and a Z boson in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV with the ATLAS detector	Phys. Lett. B 732 (2014) 8-27 – 20 pp
222.	ATLAS Collaboration	Measurement of the production cross-section of prompt J/ψ mesons in association with a W^\pm boson in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	J. High Energy Phys. 04 (2014) 172 – 19 pp
223.	ATLAS Collaboration	Measurement of event-plane correlations in $\sqrt{s_{NN}} = 2.76$ TeV lead–lead collisions with the ATLAS detector	Phys. Rev. C 90 (2014) 024905 – 32 pp
224.	ATLAS Collaboration	Search for direct production of charginos, neutralinos and sleptons in final states with	Eur. Phys. J. C 74 (2014) 2883 -53 pp

		two leptons and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	
225.	ATLAS Collaboration	Search for direct top squark pair production in events with a Z boson, b-jets and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector	J. High Energy Phys. 05 (2014) 071 – 29 pp
226.	ATLAS Collaboration	Measurement of χ_{c1} and χ_{c2} production with $\sqrt{s} = 7$ TeV pp collisions at ATLAS	J. High Energy Phys. 07 (2014) 154 - 38 pp
227.	ATLAS Collaboration	Muon reconstruction efficiency and momentum resolution of the ATLAS experiment in proton–proton collisions at $\sqrt{s} = 7$ TeV in 2010	Eur. Phys. J. C 74 (2014) 3034 – 22 pp
228.	ATLAS Collaboration	Search for supersymmetry at $\sqrt{s} = 8$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector	J. High Energy Phys. 06 (2014) 035 – 35 pp
229.	ATLAS Collaboration	Operation and performance of the ATLAS semiconductor tracker	J. Instrum. 9 (2014) P08009 – 80 pp
230.	ATLAS Collaboration	Measurement of the cross section of high transverse momentum $Z \rightarrow b\bar{b}$ production in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector	Phys. Lett. B 738 (2014) 25-43 – 8 pp
231.	ATLAS Collaboration	Search for squarks and gluinos with the ATLAS detector in final states with jets and missing transverse momentum using $\sqrt{s} = 8$ TeV proton-proton collision data	J. High Energy Phys. 09 (2014) 176 - 52 pp
232.	ATLAS Collaboration	Light-quark and gluon jet discrimination in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	Eur. Phys. J. C 74 (2014) 3023 – 33 pp
233.	ATLAS Collaboration	Search for supersymmetry in events with four or more leptons in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector	Phys. Rev. D 90 (2014) 052001 – 33 pp

234.	ATLAS Collaboration	Search for microscopic black holes and string balls in final states with leptons and jets with the ATLAS detector at $\sqrt{s} = 8$ TeV	J. High Energy Phys. 08 (2014) 103 – 35 pp
235.	ATLAS Collaboration	Search for direct pair production of the top squark in all-hadronic final states in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	J. High Energy Phys. 09 (2014) 015 – 57 pp
236.	ATLAS Collaboration	Measurement of the underlying event in jet events from 7 TeV proton-proton collisions with the ATLAS detector	Eur. Phys. J. C 74 (2014) 2965 – 31 pp
237.	ATLAS Collaboration	Measurement of the Higgs boson mass from the $H \rightarrow \gamma\gamma$ and $H \rightarrow ZZ^* \rightarrow 4\ell$ channels with the ATLAS detector using 25 fb^{-1} of pp collision data	Phys. Rev. D 90 (2014) 052004 – 38 pp
238.	ATLAS Collaboration	Measurement of the Z/γ^* boson transverse momentum distribution in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	J. High Energy Phys. 09 (2014) 145 – 55 pp
239.	ATLAS Collaboration	Search for pair-produced third-generation squarks decaying via charm quarks or in compressed supersymmetric scenarios in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	Phys. Rev. D 90 (2014) 052008 - 35 pp
240.	ATLAS Collaboration	A neural network clustering algorithm for the ATLAS silicon pixel detector	J. Instrum. 9 (2014) P09009 – 38 pp
241.	ATLAS Collaboration	Measurement of the 4ℓ Cross Section at the Z Resonance and Determination of the Branching Fraction of $Z \rightarrow 4\ell$ in pp Collisions at $\sqrt{s} = 7$ and 8 TeV with ATLAS	Phys. Rev. Lett. 112 (2014) 231806 - 20 pp
242.	ATLAS Collaboration	Search for the Standard Model Higgs boson decay to $\mu^+\mu^-$ with the ATLAS detector	Phys. Lett. B 738 (2014) 68-86 -23 pp
243.	ATLAS Collaboration	Search for supersymmetry in events with large missing transverse momentum, jets, and at least one tau lepton in 20 fb^{-1} of $\sqrt{s}=8$ TeV	J. High Energy Phys. 09 (2014) 103 -40 pp

		proton-proton collision data with the ATLAS detector	
244.	ATLAS Collaboration	Flavour tagged time dependent angular analysis of the $B_s \rightarrow J/\psi \phi$ decay and extraction of $\Delta\Gamma$ and the weak phase ϕ_s in ATLAS	Phys. Rev. D 90 (2014) 052007 – 26 pp
245.	ATLAS Collaboration	Search for new particles in events with one lepton and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	J. High Energy Phys. 09 (2014) 037 - 28 pp
246.	ATLAS Collaboration	Measurement of the electroweak production of dijets in association with a Z-boson and distributions sensitive to vector boson fusion in proton-proton collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector	J. High Energy Phys. 04 (2014) 031 – 42 pp
247.	ATLAS Collaboration	Search for a Multi-Higgs Boson Cascade in $W+W-bb$ events with the ATLAS detector in pp collisions at $\sqrt{s} = 7$ TeV	Phys. Rev. D 89 (2014) 032002 – 11 pp
248.	ATLAS Collaboration	Measurement of the top quark pair production charge asymmetry in proton-proton collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector	J. High Energy Phys. 02 (2014) 107 – 22 pp
249.	ATLAS Collaboration	Search for Quantum Black-Hole Production in High-Invariant-Mass Lepton+Jet Final States Using Proton-Proton Collisions at $\sqrt{s} = 8$ TeV and the ATLAS Detector	Phys. Rev. Lett. 112 (2014) 091804 – 6 pp
250.	ATLAS Collaboration	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector using 4.6 fb^{-1}	Phys. Rev. D 89 (2014) 052004 -12 pp
251.	ATLAS Collaboration	Measurement of the mass difference between top and anti-top quarks in pp collisions at $\sqrt{s} = 7$ TeV using the ATLAS detector	Phys. Lett. B 728 (2014) 363-379 – 6 pp

252.	ATLAS Collaboration	Search for dark matter in events with a hadronically decaying W or Z boson and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	Phys. Rev. Lett. 112 (2014) 041802 – 6 pp
253.	ATLAS Collaboration	Search for new phenomena in photon+jet events collected in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	Phys. Lett. B 728 (2014) 562-578 – 7 pp
254.	A. Ezhilov	ATLAS Electron and Photon Trigger Performance in Run 1 and Developments toward Run 2	July 2 – 9, 2014, Valencia, Spain.
255.	V. Solovyev	Searches for Exotics with the ATLAS Detector	June 30 – July 4, 2014, Gatchina, Russia
256.	M. Levchenko	ATLAS measurements of vector boson production with associated heavy flavors	August 25-29, 2014, Suzdal, Russia
	САМСОНОВ		
257.	Я.Бердников,М.Жалов,В.Иванов,Е.Крышень,М.Малаев,В.Никулин, В.Рябов,Ю.Рябов,В.Самсонов,А.Ханзадеев	Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}= 2.76$ TeV ALICE Collaboration	Phys.Lett. B728 (2014) 216-227
258.	Я.Бердников,М.Жалов,В.Иванов,Е.Крышень,М.Малаев,В.Никулин,В.Рябов,Ю.Рябов,В.Самсонов,А.Ханзадеев	Multiplicity Dependence of Pion, Kaon, Proton and Lambda Production in p-Pb Collisions at $(\sqrt{s_{NN}}) = 5.02$ TeV ALICE Collaboration	Phys.Lett. B728 (2014) 25-38
259.	Я.Бердников,М.Жалов,В.Иванов,Е.Крышень,М.Малаев,В.Никулин,В.Рябов,Ю.Рябов,В.Самсонов,А.Ханзадеев	J/ψ production and nuclear effects in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV ALICE Collaboration	JHEP 1402 (2014) 073
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277.	Е.Крышень, В. Никулин, Ю.Рябов, В.Самсонов, А.Ханзадеев	The CBM-RICH detector	JINST 9 (2014) C06002
278.	В. Баублис, Е.Взнуздаев, Д.Иванищев, Д.Котов, Б.Комков, В.Рябов, Ю.Рябов, В.Самсонов, А.Ханзадеев	Cross Section and Transverse Single-Spin Asymmetry of η Mesons in $p\uparrow+p$ Collisions at $\sqrt{s}=200$ GeV at Forward Rapidity PHENIX Collaboration	Phys.Rev. D90 (2014) 072008
279.	В.Баублис, Е.Взнуздаев, Д.Иванищев, Д.Котов, Б.Комков, В.Рябов, Ю.Рябов, В.Самсонов, А.Ханзадеев	Inclusive double-helicity asymmetries in neutral pion and eta meson production in $p^{\rightarrow}+p^{\rightarrow}$ collisions at $\sqrt{s}=200$ GeV PHENIX Collaboration	Phys.Rev. D90 (2014) 012007
280.	В.Баублис, Е.Взнуздаев, Д.Иванищев, Д.Котов, Б.Комков, В.Рябов, Ю.Рябов, В.Самсонов, А.Ханзадеев	Transverse-energy distributions at midrapidity in $p+p$, $d+Au$, and $Au+Au$ collisions at $\sqrt{s_{NN}}=62.4\text{--}200\text{--}GeV$ and implications for particle-production models PHENIX Collaboration	Phys.Rev. C89 (2014) 044905
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284.	W. Cosyn (Gent U.), V. Guzey (PNPI, Gatchina) et.al	Neutron spin structure with polarized deuterons and spectator proton tagging at EIC	J. Phys. Conf. Ser. 543 (2014) 012007
285.	M. Alvioli (Perugia U.), L. Frankfurt (Tel Aviv U.), V. Guzey (PNPI, Gatchina), M. Strikman (Penn State U., University Park (main))	Revealing nucleon and nucleus flickering in pA collisions at the LHC	Phys.Rev. C90 (2014) 034914
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286.	Olympus collaboration (S.Belostotski,... Y.Naryshkin,... D.Veretennikov,...A.Krivshich,...)	The OLYMPUS Experiment	Nucl.Instrum.Meth. A741 (2014) 1-17
287.	S. Belostotski	Spin transfer to Lambda and hyperons in deep inelastic scattering at HERMES	Phys.Part.Nucl. 45 (2014) 129-131
288.	HERMES collaboration (S.Belostotski,... Yu.Naryshkin,... D.Veretennikov,...)	Transverse polarization of Λ hyperons from quasireal photoproduction on nuclei HERMES	Phys.Rev. D90 (2014) 7, 072007 (DESY-14-097)
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342.	J. Adamczewski-Musch, K.-H.Becker, S.Belogurov, N.Boldyreva, A.Chernogorov, C. Deveaux, V.Dobyrn, M.Dürr, J.Eom, J.Eschke, C.Höhne, K.-H.Kampert, V. Kleipa, L.Kochenda, B.Kolb, J.Kopfer, P.Kravtsov, S.Lebedev, E.Lebedeva, E. Leonova, S.Linev, T.Mahmoud, J.Michel, N.Miftakhov, Y.Nam, W.Niebur, K. Oh, E.Ovcharenko, C.Pauly, J.Pouryamout, S.Querchfeld, J.Rautenberg, S. Reinecke, Y.Riabov, E.Roshchin, V.Samsonov, J.Song, O.Taraskenkova, T.TorresdeHeidenreich, M.Traxler, C.Ugur, E.Vznuzdaev, M. Vznuzdaev, J.Yi, I.-K.Yoo	Determination of tolerances of mirror displacement and radiator gas impurity for the CBM RICH detector	NIM A 766 (2014) 221-224

343.	J. Adamczewski-Musch, K.-H.Becker, S.Belogurov, N.Boldyreva, A.Chernogorov, C. Deveaux, V.Dobyrn, M.Dürr, J.Eom, J.Eschke, C.Höhne, K.-H.Kampert, V. Kleipa, L.Kochenda, B.Kolb, J.Kopfer, P.Kravtsov, S.Lebedev, E.Lebedeva, E. Leonova, S.Linev, T.Mahmoud, J.Michel, N.Miftakhov, Y.Nam, W.Niebur, K. Oh, E.Ovcharenko, C.Pauly, J.Pouryamout, S.Querchfeld, J.Rautenberg, S. Reinecke, Y.Riabov, E.Roshchin, V.Samsonov, J.Song, O.Tarasenkova, T.TorresdeHeidenreich, M.Traxler, C.Ugur, E.Vznuzdaev, M. Vznuzdaev, J.Yi, I.-K.Yoo	Wavelength shifting films on multianode PMT swith UV-extended window for the CBM RICH detector	NIM A 766 (2014) 180-182
344.	R. Engels, K. Grigoryev, L. Kochenda, P. Kravtsov, M. Mikirtychiants, F. Rathmann, H. Paetz gen. Schieck, H. Ströher, V. Trofimov, A. Vasilyev, M. Vznuzdaev	Polarized fusion	Physics of Particles and Nuclei Volume 45, Issue 1, (2014) pp 341-343
345.	E. Kitanin, E. Kitanina, P. Kravtsov, D. Bondarenko, D. Morrison	Calculation of the Head Loss in a Kerosene–Air Flow Upon Change in the Two-Phase-Flow Structure on an Inclined Portion of a Pipeline	Journal of Engineering Physics and Thermophysics Volume 87 Issue 3 (2014), pp 588-597
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347.	A. Airapetian <i>et al.</i>	Reevaluation of the parton distribution of strange quarks in the nucleon	Phys. Rev. D 89 (2014) 097101
348.	Н.Швецова , В.Вахтель, Г.Гаврилов, А.Кривишч, Д.Майсузенко, А.Фетисов (доклад)	Скорость старения и газовое усиление в газоразрядных детекторах.	64 международная конференция «ЯДРО-2014» (Фундаментальные проблемы ядерной физики, атомной энергетики и ядерных технологий), г. Минск.