

Публикации за 2012 год

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1.	R Aaij ,...,G.Alkhazov <i>et al.</i>	First evidence for the decay $B_s \rightarrow \mu^+ \mu^-$.	CERN-PH-EP-2012-335, LHCB-PAPER- 2012-043 e-Print: arXiv:1211.2674 [hep-ex].
2.	V.M. Abazov ...,G. Alkhazov <i>et al.</i>	Search for charged massive long-lived particles at $\sqrt{s}=1.96$ TeV.	FERMILAB-PUB-12-597-E e-Print: arXiv:1211.2466 [hep-ex].
3	R Aaij ,...,G.Alkhazov <i>et al.</i>	First observation of the decays $B^0 \rightarrow D^+ s^- K^- \pi^+ \pi^-$ and $B^0 \rightarrow D^+ s^- (2536) + \pi^-$.	LHCB-PAPER-2012-033, CERN-PH-EP-2012-327 e-Print: arXiv:1211.1541 [hep-ex].
4.	R Aaij ,...,G.Alkhazov <i>et al.</i>	Observation of D^0 - D^0 bar oscillations.	CERN-PH-EP-2012-333, LHCB-PAPER-2012-038 e-Print: arXiv:1211.1230 [hep-ex].
5.	R Aaij ,...,G.Alkhazov <i>et al.</i>	Measurement of the $B^0 \rightarrow B^0$ oscillation frequency Δm_d with the decays $B^0 \rightarrow D^- \pi^+$ and $B^0 \rightarrow J/\psi K^0$.	LHCB-PAPER-2012-032, CERN-PH-EP-2012-315 e-Print: arXiv:1210.6750 [hep-ex].
6.	R Aaij ,...,G.Alkhazov <i>et al.</i>	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7$ TeV using tau final states.	LHCB-PAPER-2012-029, CERN-PH-EP-2012-314 e-Print: arXiv:1210.6289 [hep-ex].
7.	R Aaij ,...,G.Alkhazov <i>et al.</i>	Measurement of the CP asymmetry in $B^0 \rightarrow K^0 \mu^+ \mu^-$ decays.	LHCB-PAPER-2012-021, CERN-PH-EP-2012-302 e-Print: arXiv:1210.4492 [hep-ex].
8.	R Aaij ,...,G.Alkhazov <i>et al.</i>	Measurement of the $D^{+/-}$ production asymmetry in 7 TeV	LHCB-PAPER-2012-026, CERN-PH-EP-

		pp collisions.	2012-305 e-Print: arXiv:1210.4112 [hep-ex].
9.	R Aaij , ..., G. Alkhazov <i>et al.</i>	First observation of the decay $B^+ \rightarrow \pi^+ \mu^+ \mu^-$.	LHCB-PAPER-2012-020, CERN-PH-EP-2012-284 e-Print: arXiv:1210.2645 [hep-ex].
10.	R Aaij , ..., G. Alkhazov <i>et al.</i>	Evidence for the decay $B^0 \rightarrow J/\psi \omega$ and measurement of the relative branching fractions of B^0 meson decays to $J/\psi \eta$ and $J/\psi \eta'$.	CERN-PH-EP2012-287, LHCB-PAPER-2012-022 e-Print: arXiv:1210.2631 [hep-ex].
11.	R Aaij , ..., G. Alkhazov <i>et al.</i>	First evidence for the annihilation decay mode . $B^+ \rightarrow D^+ s \varphi$.	CERN-PH-EP-2012-286, LHCB-PAPER- 2012-025 e-Print: arXiv:1210.1089 [hep-ex].
12.	V.M. Abazov ..., G. Alkhazov <i>et al.</i>	Measurement of the $pp \rightarrow W+b+X$ production cross at $\sqrt{s}=1.96$ TeV.	FERMILAB-PUB-12-541-E e-Print: arXiv:1210.0627 [hep-ex].
13.	R Aaij , ..., G. Alkhazov <i>et al.</i>	A model-independent Dalitz plot analysis of $B^\pm \rightarrow DK^\pm$ with $D \rightarrow K^0 S^+ h^-$ ($h=\pi, K$) decays and constraints on the CKM angle γ .	Phys. Lett. B718 (2012) 43-55.
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16.	R Aaij , ..., G. Alkhazov <i>et al.</i>	Search for the rare decay $K_S \rightarrow \mu^+ \mu^-$.	CERN-PH-EP-2012-267, LHCB-PAPER-2012-023 e-Print: arXiv:1209.4029 [hep-ex].
17.	V.M. Abazov ..., G. Alkhazov <i>et al.</i>	Measurement of the ratio of three-jet to two-jet cross sections in pp collisions at $\sqrt{s}=1.96$ TeV.	CMC-SUS-12-014, CERN-PH-EP-2012-014 e-Print: arXiv:1210.2052
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21.	V.M. Abazov , ..., G. Alkhazov <i>et al.</i>	Limits on anomalous trilinear gauge boson couplings from WW , WZ and $W\gamma$ production in pp collisions at $\sqrt{s} = 1.96$ TeV.	FERMILAB-PUB-12-485-E e-Print: arXiv:1208.5458 [hep-ex] .
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31.	V.M. Abazov ...,G. Alkhazov <i>et al.</i>	Measurement of angular correlations of jets at $\sqrt{s}=1.96 \text{ TeV}$ and determination of the strong coupling at high momentum transfers.	Phys. Lett. B718 (2012) 56-63.
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400.	G.Aad et.al.	Measurements of the photon identification efficiency with the ATLAS detector using 4.9 fb ⁻¹ of pp collision data collected in 2011	ATLAS-CONF-2012-123, 17 Aug 2012. - 36 pp.
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407.	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	arXiv:1211.1150 [hep-ex] - 12 pp.
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409.	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	arXiv:1210.7451 [hep-ex] - 9 pp.
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417.	G.Aad,.....,O.L.Fedin et al.	Search for anomalous production of prompt like-sign lepton pairs at $\sqrt{s}=7$ TeV with the ATLAS detector	arXiv:1210.4538 [hep-ex] - 20 pp.
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		distributions using pp collisions at $\sqrt{s}=7$ TeV	
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428.	G.Aad,.....,O.L.Fedin et al.	Search for a heavy top-quark partner in final states with two leptons with the ATLAS detector at the LHC	arXiv:1209.4186 [hep-ex] - 18 pp.
429.	G.Aad,.....,O.L.Fedin et al.	Search for high-mass resonances decaying to dilepton final states in pp collisions at a center-of-mass energy of 7 TeV with the ATLAS detector	arXiv:1209.2535 [hep-ex] - 31 pp.
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