

Публикации Лаборатории физики элементарных части за 2016 год

№ п/п	Дата выхода публикации	Выходные данные	Название публикации	Авторы	Примечания
<i>Публикации Web of Science</i>					
1.	2016	JHEP 1601 (2016).	First observation of the decay $B0_s \rightarrow K0S K^*(892)0$ at LHCb.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
2.	2016	Chin.Phys. C40 (2016).	Study of the production of $\Lambda0b$ and B^0 hadrons in pp collisions and first measurement of the $\Lambda0b \rightarrow J/\psi p K^-$ branching fraction.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
3.	2016	Phys.Rev. D93 (2016).	Studies of the resonance structure in $D0 \rightarrow K0S K^\pm \pi^\mp$ decays.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
4.	2016	JHEP 1604 (2016).	Model-independent measurement of mixing parameters in $D0 \rightarrow K0S \pi^+ \pi^-$ decays.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
5.	2016	JHEP 1603 (2016). JHEP 1609 (2016) .	Measurements of prompt charm production cross-sections in pp collisions at $s\sqrt{=13}$ TeV.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
6.	2016	JHEP 1607 (2016)	Production of associated Υ and open charm hadrons in pp collisions at $s\sqrt{=7}$ and 8 TeV via double parton scattering.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
7.	2016	Phys.Lett. B757 (2016).	First observation of the decay $D0 \rightarrow K^- \pi^+ \mu^+ \mu^-$ in the $\rho0-\omega$ region of the dimuon mass spectrum.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
8.	2016	JHEP 1601 (2016).	Measurement of forward W and Z boson production in pp collisions at $s\sqrt{=8}$ TeV.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
9.	2016	Phys.Lett. B754 (2016).	Search for the lepton-flavour violating decay $D0 \rightarrow e^\pm \mu^\mp$.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
10.	2016	Phys.Lett. B762 (2016).	Measurements of long-range near-side angular correlations in $s\sqrt{NN} \rightarrow \sqrt{=5}$ TeV proton-lead	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova,	

			collisions in the forward region.	Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
11.	2016	Phys.Rev. D93 (2016).	First observation of the rare $B^+ \rightarrow D^+ K^0 \pi^-$ decay.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
12.	2016	JHEP 1602 (2016).	Angular analysis of the $B^0 \rightarrow K^* \mu^+ \mu^-$ decay using 3 fb ⁻¹ of integrated luminosity.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
13	Jan 7, 2016.	JHEP 1602 (2016) 133.	Study of $D^*(*) + sJ$ mesons decaying to $D^* + K^0 S$ and $D^* \bar{0}$ K^+ final states.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
14.	Jan 20, 2016.	JHEP 1603 (2016) 040.	Observation of the $B^0 s \rightarrow J/\psi \phi \phi$ decay	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
15.	Jan 28, 2016.	JHEP 1603 (2016) 133.	Study of $\psi(2S)$ production and cold nuclear matter effects in pPb collisions at $sNN = \sqrt{s} = 5$ TeV.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
16.	Feb 9, 2016.	Phys.Rev.Lett. 116 (2016).	Measurement of the difference of time-integrated CP asymmetries in $D^0 \rightarrow K^- K^+$ and $D^0 \rightarrow \pi^- \pi^+$ decays.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
17.	Feb 10, 2016.	Phys.Rev. D93 (2016).	Constraints on the unitarity triangle angle γ from Dalitz plot analysis of $B^0 \rightarrow DK^+ \pi^-$ decays.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
18.	Feb 23, 2016.	Phys.Rev.Lett. 116 (2016).	First observation of $D^0 - D^{\bar{0}}$ oscillations in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ decays and measurement of the associated coherence parameters.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
19.	Feb 23, 2016.	JINST 11 (2016).	A new algorithm for identifying the flavour of $B^0 s$ mesons at LHCb.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
20.	Feb 24, 2016.	Phys.Rev. D93 (2016).	Measurement of the $B^0 s \rightarrow D^*(*) + sD^*(*) - s$ branching fractions.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
21.	Mar 1, 2016.	JHEP 1605 (2016) 081.	Observations of $\Lambda^0 b \rightarrow \Lambda K^+ \pi^-$ and $\Lambda^0 b \rightarrow \Lambda K^+ K^-$ decays and searches for other $\Lambda^0 b$ and $\Xi^0 b$ decays to $\Lambda h + h'$ final states.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
22.	Mar 8, 2016.	Phys.Rev.Lett. 116 (2016).	Observation of $B^0 s \rightarrow D^{\bar{0}} K^0 S$ and evidence for	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba,

			$B0s \rightarrow D^- * 0K0S$ decays.	O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
23.	Mar 9, 2016.	Phys.Lett. B759 (2016) 282-292.	Observation of the $\Lambda 0b \rightarrow \Lambda \varphi$ decay.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
24.	Mar 15, 2016.	Phys.Rev.Lett. 116 (2016).	Search for violations of Lorentz invariance and CPT symmetry in $B0(s)$ mixing.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
25.	Mar 22, 2016.	JHEP 1605 (2016) 132.	Observation of $\Lambda 0b \rightarrow \psi(2S)pK^-$ and $\Lambda 0b \rightarrow J/\psi \pi^+ \pi^- pK^-$ decays and a measurement of the $\Lambda 0b$ baryon mass.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
26.	Mar 22, 2016.	Phys.Lett. B759 (2016) 313-321.	Search for $B+c$ decays to the $pp^- \pi^+$ final state.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
27.	Mar 29, 2016.	Phys.Lett. B760 (2016) 117-131.	Measurement of CP observables in $B^\pm \rightarrow DK^\pm$ and $B^\pm \rightarrow D\pi^\pm$ with two- and four-body D decays.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
28.	Apr 5, 2016.	Phys.Rev. D93 (2016).	Measurement of the mass and lifetime of the $\Omega-b$ baryon.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
29.	Apr 6, 2016.	JHEP 1606 (2016) 131.	Model-independent measurement of the CKM angle γ using $B0 \rightarrow DK * 0$ decays with $D \rightarrow K0S \pi^+ \pi^-$ and $K0SK+K^-$.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
30.	Apr 12, 2016.	Eur.Phys.J. C76 (2016).	A precise measurement of the $B0$ meson oscillation frequency.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
31.	Apr 13, 2016.	JHEP 1605 (2016) 161.	Measurement of the properties of the $\Xi * 0b$ baryon.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
32.	Apr 19, 2016.	Phys.Rev.Lett. 117 (2016).	Model-independent evidence for $J/\psi p$ contributions to $\Lambda 0b \rightarrow J/\psi pK^-$ decays.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>
33.	May 3, 2016.	JHEP 1605 (2016) 131.	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $s\sqrt{=8}$ TeV.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>

34.	May 3, 2016.	JHEP 1608 (2016) 137.	Measurement of the CKM angle γ using $B^0 \rightarrow DK^*0$ with $D \rightarrow K^0 S \pi^+ \pi^-$ decays.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
35.	May 31, 2016.	Phys.Rev.Lett. 117 (2016).	Measurement of the CP asymmetry in $B^0 s - \bar{B}^0 s$ mixing.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
36.	Jun 15, 2016.	JHEP 1611 (2016) 047.	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ \pi^- \mu^+ \mu^-$ decays and the $B^0 \rightarrow K^*(892)^0 \mu^+ \mu^-$ differential branching fraction.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
37.	Jun 22, 2016.	Phys.Rev.Lett. 117 (2016).	Evidence for exotic hadron contributions to $\Lambda^0 b \rightarrow J/\psi p \pi^-$ decays.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
38.	Jul 21.	Phys.Lett. B762 (2016).	Measurement of the $B^0 s \rightarrow J/\psi \eta$ lifetime.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
39.	Jul 21, 2016.	JHEP 1609 (2016) 136.	Measurement of the forward Z boson production cross-section in pp collisions at $s\sqrt{=13}$ TeV.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
40.	Jul 22, 2016.	JHEP 1609 (2016) 153.	Measurement of the ratio of branching fractions $B(B+c \rightarrow J/\psi K^+)/B(B+c \rightarrow J/\psi \pi^+)$.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
41.	Aug 1, 2016.	Phys.Rev.Lett. 117 (2016).	Search for Structure in the $B^0 s \pi^\pm$ Invariant Mass Spectrum.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
42.	Aug 3, 2016.	Phys.Rev. D94 (2016) n.	Amplitude analysis of $B^- \rightarrow D^+ \pi^- \pi^-$ decays.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
43.	Aug 4, 2016.	JHEP 1610 (2016) 030.	Measurement of forward $W \rightarrow e \nu$ production in pp collisions at $s\sqrt{=8}$ TeV.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
44.	Aug 17, 2016.	Phys.Lett. B762 (2016) 253-262.	First study of the CP -violating phase and decay-width difference in $B^0 s \rightarrow \psi(2S) \phi$ decays.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
45.	2016	Phys.Lett. B752	Precise measurement of the top	V.M. Abazov, ...	

		(2016).	quark mass in dilepton decays using optimized neutrino weighting.	G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	
46.	2016	Phys.Rev.Lett. 116 (2016).	Evidence for simultaneous production of J/ψ and Υ mesons.	V.M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	
47.	2016	Phys.Rev. D93 (2016).	Measurement of the forward-backward asymmetry of Λ and Λ^- production in pp^- collisions.	V.M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	
48.	2016	Phys.Rev. D93 (2016).	Study of double parton interactions in diphoton + dijet events in pp^- collisions at $s\sqrt{=1.96}$ TeV.	V.M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	
49.	2016	Phys.Lett. B757 (2016).	Measurement of Spin Correlation between Top and Antitop Quarks Produced in pp^- Collisions at $s\sqrt{= 1.96}$ TeV.	V.M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	
50.	Feb 24, 2016.	Phys.Rev.Lett. 117 (2016).	Evidence for a $B0s\pi^\pm$ state.	V.M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	
51.	Mar 3, 2016.	Phys.Rev. D94 (2016).	$B0s$ lifetime measurement in the CP-odd decay channel $B0s \rightarrow J/\psi f0(980)$.	V.M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	
52.	May 11, 2016	Phys.Rev. D93 (2016).	Measurement of the Forward-Backward Asymmetries in the Production of Ξ and Ω Baryons in pp^- Collisions.	V.M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	
53.	May 19, 2016.	Phys.Rev. D94 (2016).	Measurement of the inclusive $t\bar{t}$ production cross section in pp^- collisions at $s\sqrt{=1.96}$ TeV and determination of the top quark pole mass.	V.M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	

54.	Jun 3, 2016.	Eur.Phys.J. A52 (2016).	Feasibility studies of time-like proton electromagnetic form factors at $P\bar{A}NDA$ at FAIR.	V.M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>
55.	Jun 8, 2016.	Phys.Rev. D94 (2016).	Measurement of the Top Quark Mass Using the Matrix Element Technique in Dilepton Final States.	V.M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>
56.	Jun 13, 2016.	Phys.Rev.Lett. 117.	Search for Resonant Production of High-Mass Photon Pairs in Proton-Proton Collisions at $s\sqrt{=8}$ and 13 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
57.	Apr 29, 2016.	Phys.Rev.Lett. 117.	Search for narrow resonances in dijet final states at (\sqrt{s})= 8 TeV with the novel CMS technique of data scouting.	S. Chatrchyan,... A.A. Vorobyov, 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>
58.	2016	Phys.Rev.Lett. 116	Search for narrow resonances decaying to dijets in proton-proton collisions at (\sqrt{s})= 13 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
59.	2016	Phys.Rev.Lett. 116	Measurement of the top quark pair production cross section in proton-proton collisions at (\sqrt{s})= 13 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
60.	2016	Phys.Rev.Lett. 116.	Measurement of long-range near-side two-particle angular correlations in pp collisions at $s\sqrt{=13}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
61.	2016	Phys.Rev.Lett. 116.	Study of B Meson Production in p+Pb Collisions at (\sqrt{sNN})=5.02 TeV Using Exclusive Hadronic Decays.	S. Chatrchyan,... A.A. Vorobyov, 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>	
62.	2016	Phys.Lett. B763.	Measurement of the ZZ production cross section and $Z \rightarrow \ell+\ell-\ell'+\ell'-$ branching fraction in pp collisions at $s\sqrt{=13}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
63.	2016	Phys.Lett. B.	Measurement of the WZ production cross section in pp collisions at $s\sqrt{=13}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
64.	2016	Phys.Lett. B763.	Search for lepton flavour violating decays of the Higgs boson to $e\tau\tau$ and $e\mu$ in proton–proton collisions at $s\sqrt{=8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
65.	2016	Phys.Lett. B764.	Observation of the decay $B^+ \rightarrow \psi(2S)\phi(1020)K^+$ in pp collisions at $s\sqrt{=8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
66.	May 29, 2016	Phys.Lett. B762.	Measurement of the W boson helicity fractions in the decays of top quark pairs to lepton + jets final states produced in pp collisions at $s\sqrt{=8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
67.	Mar 20, 2016	Phys.Lett. B760.	Measurements of $t\bar{t}$ charge asymmetry using dilepton final states in pp collisions at $s\sqrt{=8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
68.	Mar 9, 2016	Phys.Lett. B759.	Search for neutral resonances decaying into a Z boson and a pair of b jets or tau leptons.	S. Chatrchyan,... A.A. Vorobyov, 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>
69.	Mar 9, 2016	Phys.Lett. B761.	Y(nS) polarizations versus particle multiplicity in pp collisions at $s\sqrt{=}$ 7 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
70.	Feb 28, 2016	Phys.Lett. B759.	Search for supersymmetry in electroweak production with photons and large missing transverse energy in pp collisions at $\text{sqrt}(s)$ = 8 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
71.	Feb 23, 2016	Phys.Lett. B760.	Measurement of the $Z\gamma \rightarrow \nu\bar{\nu}\gamma$ production cross section in pp collisions at $s\sqrt{=}$ 8 TeV and limits on anomalous $ZZ\gamma$ and $Z\gamma\gamma$ trilinear gauge boson couplings.	S. Chatrchyan,... A.A. Vorobyov, 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>
72.	Feb 21, 2016	Phys.Lett. B758.	Search for supersymmetry in the multijet and missing transverse momentum final state in pp collisions at 13 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
72.	Feb 13, 2016	Phys.Lett. B760.	Search for R-parity violating decays of a top squark in proton-proton collisions at $s\sqrt{=}$ 8 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
73.	Feb 13, 2016	Phys.Lett. B759.	Combined search for anomalous pseudoscalar HVV couplings in $VH(H \rightarrow b\bar{b})$ production and $H \rightarrow VV$ decay.	S. Chatrchyan,... A.A. Vorobyov, 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>
74.	2016	Phys.Lett. B759.	Search for supersymmetry in events with soft leptons, low jet multiplicity, and missing transverse energy in proton-proton collisions at $s\sqrt{=}$ 8 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>

75.	2016	Phys.Lett. B759	Study of Z boson production in pPb collisions at $s\sqrt{N} = \sqrt{s} = 5.02\text{TeV}$.	S. Chatrchyan,... A.A. Vorobyov, 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>
76.	2016	Phys.Lett. B758.	Measurement of spin correlations in $t\bar{t}$ production using the matrix element method in the muon+jets final state in pp collisions at $s\sqrt{s} = 8\text{ TeV}$.	S. Chatrchyan,... A.A. Vorobyov, 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>
77.	2016	Phys.Lett. B758.	Search for a low-mass pseudoscalar Higgs boson produced in association with a $b\bar{b}$ pair in pp collisions at $s\sqrt{s} = 8\text{ TeV}$.	S. Chatrchyan,... A.A. Vorobyov, 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>
78.	2016	Phys.Lett. B754.	Transverse momentum spectra of inclusive b jets in pPb collisions at $s\sqrt{N} = \sqrt{s} = 5.02\text{ TeV}$.	S. Chatrchyan,... A.A. Vorobyov, 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>
79.	2016	Phys.Lett. B755.	Searches for a heavy scalar boson H decaying to a pair of 125 GeV Higgs bosons hh or for a heavy pseudoscalar boson A decaying to Zh, in the final states with $h \rightarrow \tau\tau$.	S. Chatrchyan,... A.A. Vorobyov, 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>
80.	2016	Phys.Lett. B759.	Measurement of the inelastic cross section in proton-lead collisions at $s\sqrt{N} = \sqrt{s} = 5.02\text{ TeV}$.	S. Chatrchyan,... A.A. Vorobyov, 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>
81.	2016	Phys.Lett. B755.	Search for W' decaying to tau lepton and neutrino in proton-proton collisions at $(\sqrt{s}) = 8\text{ TeV}$.	S. Chatrchyan,... A.A. Vorobyov, 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>
82.	2016	Phys.Lett. B752.	Search for neutral MSSM Higgs bosons decaying to $\mu+\mu-$ in pp collisions at $s\sqrt{s} = 7\text{ and }8\text{ TeV}$.	S. Chatrchyan,... A.A. Vorobyov, 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>	
83.	2016	Phys.Lett. B757.	Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in pp collisions at $s\sqrt{=} 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
84.	2016	Phys.Lett. B753.	Angular analysis of the decay $B^0 \rightarrow K^* 0 \mu^+ \mu^-$ from pp collisions at $s\sqrt{=} 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
85.	2016	Phys.Lett. B757.	Measurement of the CP-violating weak phase φ_s and the decay width difference $\Delta\Gamma_s$ using the $B^0_s \rightarrow J/\psi \varphi(1020)$ decay channel in pp collisions at $s\sqrt{=} 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
86.	2016	Phys.Lett. B757.	Inclusive and differential measurements of the $t\bar{t}$ charge asymmetry in pp collisions at $s\sqrt{=} 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
87.	2016	Phys.Lett. B753.	Search for a Higgs boson decaying into $\gamma^* \gamma \rightarrow \ell\ell \gamma$ with low dilepton mass in pp collisions at $s\sqrt{=} 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
88.	2016	Phys.Lett. B753.	Search for exotic decays of a Higgs boson into undetectable particles and one or more photons.	S. Chatrchyan,... A.A. Vorobyov, 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>	
89.	2016	Phys.Lett. B752.	A search for pair production of new light bosons decaying into muons.	S. Chatrchyan,... A.A. Vorobyov, 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>
90.	2016	Phys.Lett. B756.	Measurement of the ratio $B(B0s \rightarrow J/\psi f_0(980)) / B(B0s \rightarrow J/\psi \phi(1020))$ in pp collisions at $s\sqrt{=} = 7$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
91.	2016	Phys.Lett. B755 (2016).	Search for new phenomena in monophoton final states in proton-proton collisions at $s\sqrt{=} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
92.	2016	Phys.Lett. B757 (2016).	Measurement of the $pp \rightarrow ZZ$ production cross section and constraints on anomalous triple gauge couplings in four-lepton final states at $s\sqrt{=} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
93.	Sep 27, 2016	Phys.Rev.D Phys.Rev. D94.	Search for long-lived charged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
94.	Sep 12, 2016	Phys.Rev.D Phys.Rev. D94.	Studies of inclusive four-jet production with two b-tagged jets in proton-proton collisions at 7 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
95.	Jul 4, 2016	Phys.Rev. D94.	Measurement of the differential cross sections for top quark pair production as a function of kinematic event variables in pp collisions at $s\sqrt{=} = 7$ and 8 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
96.	Apr 30, 2016	Phys.Rev. D94 (2016).	Measurement of the integrated and differential $t\bar{t}$ production cross sections for high- pt top quarks in pp collisions at $s\sqrt{=} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>

97.	Mar 22, 2016	Phys.Rev. D94.	Search for two Higgs bosons in final states containing two photons and two bottom quarks in proton-proton collisions at 8 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
98.	Mar 21, 2016	Phys.Rev. D93.	Measurement of the top quark mass using charged particles in pp collisions at $\sqrt{s} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
99.	Feb 9, 2016	Phys.Rev. D93.	Search for supersymmetry in pp collisions at $\sqrt{s} = 8$ TeV in final states with boosted W bosons and b jets using razor variables.	S. Chatrchyan,... A.A. Vorobyov, 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>
100.	Jan 6, 2016	Phys.Rev. D93	Measurements of t t-bar spin correlations and top quark polarization using dilepton final states in pp collisions at $\sqrt{s} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
101.	2016	Phys.Rev. D93.	Search for dark matter and unparticles produced in association with a Z boson in proton-proton collisions at $\sqrt{s} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
102.	2016	Phys.Rev. D93.	Search for vector-like charge 2/3 T quarks in proton-proton collisions at $\sqrt{s} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
103.	2016	Phys.Rev. D93.	Measurement of the top quark mass using proton-proton data at $\sqrt{s} = 7$ and 8 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
104.	2016	Phys.Rev. D93.	Search for single production of scalar leptoquarks in proton-proton collisions at $\sqrt{s} = 8$	S. Chatrchyan,... A.A. Vorobyov, V.L. Golovtsov, V.T. Kim, P.M.

			TeV.	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>
105.	2016	Phys.Rev. D93.	Search for pair production of first and second generation leptoquarks in proton-proton collisions at $\sqrt{s} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
106.	2016	Phys.Rev. D93.	Measurement of the charge asymmetry in top quark pair production in pp collisions at $(\sqrt{s}) = 8$ TeV using a template method.	S. Chatrchyan,... A.A. Vorobyov, 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>
107.	2016	Phys.Rev. D93.	Search for pair-produced vectorlike B quarks in proton-proton collisions at $s\sqrt{=8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
108.	2016	Phys.Rev. D93.	Search for resonant $t\bar{t}$ production in proton-proton collisions at $s\sqrt{= 8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
109.	Mar 13, 2016	JHEP 1610.	Search for new physics with the M_{T2} variable in all-jets final states produced in pp collisions at $s\sqrt{=13}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
110.	Mar 8, 2016	JHEP 1609	Search for s channel single top quark production in pp collisions at $s\sqrt{=7}$ and 8 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
111.	Mar 7, 2016	JHEP 1608	Measurement of the t-tbar production cross section in the e-mu channel in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
112.	Mar 7, 2016	JHEP 1604	Search for heavy Majorana neutrinos in $e^\pm e^\pm$ jets and $e^\pm \mu^\pm$ jets events in proton-proton collisions at $s\sqrt{=8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
113.	Feb 9, 2016	JHEP 1607	Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $s\sqrt{=8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
114.	Jan 25, 2016	JHEP 1608	Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at $s\sqrt{=7}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
115.	Jan 1, 2016	JHEP 1602	Correlations between jets and charged particles in PbPb and pp collisions at $s\sqrt{NN}=\sqrt{=2.76}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
116.	2016	JHEP 1604	Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in pp collisions at $s\sqrt{=7}$ and 8 TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
117.	2016	JHEP 1604	Search for anomalous single top quark production in association with a photon in pp collisions at $s\sqrt{=8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
118.	2016	JHEP 1604	Measurement of top quark polarisation in t-channel single top quark production.	S. Chatrchyan,... A.A. Vorobyov, 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>

119.	2016	JHEP 1603	Search for excited leptons in proton-proton collisions at $\sqrt{s} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
120.	2016	JHEP 1601	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into τ leptons in pp collisions at $\sqrt{s} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
121.	2016	JHEP 1601	Observation of top quark pairs produced in association with a vector boson in pp collisions at $\sqrt{s} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
122.	2016	JHEP 1601	Measurement of transverse momentum relative to dijet systems in PbPb and pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
123.	2016	JHEP 1606	Search for the associated production of a Higgs boson with a single top quark in proton-proton collisions at $\sqrt{s} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
124.	2016	JHEP 1601	Search for the production of an excited bottom quark decaying to tW in proton-proton collisions at $\sqrt{s} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
125.	2016	JHEP 1602.	Search for $W^* \rightarrow tb$ in proton-proton collisions at $\sqrt{s} = 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>
126.	2016	JHEP 1602	Search for a massive resonance decaying into a Higgs boson and a W or Z boson in hadronic final	S. Chatrchyan,... A.A. Vorobyov, V.L. Golovtsov, V.T. Kim, P.M.

			states in proton-proton collisions at $s\sqrt{=8}$ TeV.	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>	
127.	2016	JHEP 1604	Comparison of the $Z/\gamma^* + \text{jets}$ to $\gamma + \text{jets}$ cross sections in pp collisions at $s\sqrt{=8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
128.	2016	JHEP 1611	Search for Third-Generation Scalar Leptoquarks in the $\tau\tau$ Channel in Proton-Proton Collisions at $s\sqrt{=8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
129.	May 14, 2016	Eur.Phys.J. C76	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at $s\sqrt{=13}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
130.	May 10, 2016	Eur.Phys.J. C76.	Search for new physics in same-sign dilepton events in proton-proton collisions at $s\sqrt{=13}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
131.	Apr 18, 2016	Eur.Phys.J. C76.	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an $e\mu$ pair in proton-proton collisions at $s\sqrt{=8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
132.	Mar 6, 2016	Eur.Phys.J. C76.	Measurement of the differential cross section and charge asymmetry for inclusive $pp \rightarrow W_{\pm} + X$ production at $s\sqrt{=8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
133.	Mar 2, 2016	Eur.Phys.J. C76.	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at $s\sqrt{=8}$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
134.	Feb 28, 2016	Eur.Phys.J. C76.	Search for heavy resonances decaying to two Higgs bosons in final states containing four b quarks.	S. Chatrchyan,... A.A. Vorobyov, 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>	
135.	Feb 13, 2016	Eur.Phys.J. C76.	Measurement of dijet azimuthal decorrelation in pp collisions at $s\sqrt{=8\text{TeV}}$.	S. Chatrchyan,... A.A. Vorobyov, 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>	
136.	Jan 24, 2016	Eur.Phys.J. C76.	Search for massive WH resonances decaying into the $\ell\nu b\bar{b}$ final state at $s\sqrt{=8\text{TeV}}$.	S. Chatrchyan,... A.A. Vorobyov, 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>	
137.	Jan 18, 2016	Eur.Phys.J. C76.	Forward–backward asymmetry of Drell–Yan lepton pairs in pp collisions at $s\sqrt{=8\text{TeV}}$.	S. Chatrchyan,... A.A. Vorobyov, 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>	
138.	Jan 8, 2016	Eur.Phys.J. C76.	Measurement of inclusive jet production and nuclear modifications in pPb collisions at $s\sqrt{NN}=5.02\text{TeV}$.	S. Chatrchyan,... A.A. Vorobyov, 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>	
139.	2016	Eur.Phys.J. C76.	Measurement of the inclusive jet cross section in pp collisions at $s\sqrt{=2.76\text{TeV}}$.	S. Chatrchyan,... A.A. Vorobyov, 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>	
140.	2016	Eur.Phys.J. C76.	Event generator tunes obtained from underlying event and multiparton scattering measurements.	S. Chatrchyan,... A.A. Vorobyov, 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>	

141.	2016	Eur.Phys.J. C76.	Measurement of $t\bar{t}$ production with additional jet activity, including b quark jets, in the dilepton decay channel using pp collisions at $s\sqrt{=} 8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
142.	2016	Eur.Phys.J. C76.	Measurement of the $t\bar{t}$ production cross section in the all-jets final state in pp collisions at $s\sqrt{=}8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
143.	2016	Eur.Phys.J. C76.	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at $s\sqrt{=}8$ TeV.	S. Chatrchyan,... A.A. Vorobyov, 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>	
144.	2016	Eur.Phys.J. C76.	Measurement of the $W+W-$ cross section in pp collisions at $s\sqrt{=} 8$ TeV and limits on anomalous gauge couplings.	S. Chatrchyan,... A.A. Vorobyov, 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>	
145.	2016	JINST 11 (2016).	Reconstruction and identification of τ lepton decays to hadrons and $\nu\tau$ at CMS.	S. Chatrchyan,... A.A. Vorobyov, 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>	
146.	2016	AIP Conf.Proc. 1701 (2016).	Proceedings, 11th Conference on Quark Confinement and the Hadron Spectrum (Confinement XI) : St. Petersburg, Russia, September 8-12, 2014.	Andrianov, V. Kim, <i>et al.</i>	
147.	2016	AIP Conf.Proc. 1701 (2016).	MC generator HARDPING: Nuclear effects in hard interactions of leptons and hadrons with nuclei.	Ya. A. Berdnikov, A.E. Ivanov, V.T. Kiim, D.P. Suetin	