

ПУБЛИКАЦИИ ЗА 2017 год

№ п/п	Название публикации (статьи, монографии, пособия и т.д.)	Авторы	Где опубликовано (название журнала, сборника, издательства и т.д.)
<i>Публикации Web of Science</i>			
1	Observation of $B+c \rightarrow D^0 K^+$ decays.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys. Rev. D95 (2017) 22 March
2	Measurement of the B^\pm production asymmetry and the CP asymmetry in $B^\pm \rightarrow J/\psi K^\pm$ decays	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys. Rev. D95 (2017) 22 March
3.	Observation of $B+c \rightarrow J/\psi D^*(*) K^*(*)$ decays.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys. Rev. D 95, February 2017
4.	Measurement of the phase difference between short- and long-distance amplitudes in the $B^+ \rightarrow K^+ \mu^+ \mu^-$ decay.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Eur. Phys. J. C77, March 2017
5.	Measurement of the ratio of branching fractions and	R. Aaij, ... G.D. Alkhazov,	JHEP 1703, March 2017.

	difference in CP asymmetries of the decays $B^+ \rightarrow J/\psi \pi^+$ and $B^+ \rightarrow J/\psi K^+$.	N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicdova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
6.	Observation of the decay $\Xi^- b \rightarrow p K^- K^-$.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicdova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys. Rev. Lett. 118, February 2017.
7.	Search for decays of neutral beauty mesons into four muons.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicdova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	JHEP 1703, March 2017
8.	Measurements of charm mixing and CP violation using $D^0 \rightarrow K^\pm \pi^\mp$ decays.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicdova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys. Rev. D 95, 23 March 2017
9.	Measurement of CP asymmetry in $D^0 \rightarrow K^- K^+$ decays.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicdova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys. Lett. B767, April 2017
10.	Observation of the annihilation decay mode $B^0 \rightarrow K^+ K^-$.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sa-	Phys. Rev.Lett. 118 , February 2017

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11.	Measurement of forward $t\bar{t}$, $W+bb$ and $W+cc$ production in pp collisions at $s\sqrt{=8}$ TeV.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Savidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys. Lett. B767, April 2017
12.	Observation of the decay $B^0_s \rightarrow \phi\pi^+\pi^-$ and evidence for $B^0 \rightarrow \phi\pi^+\pi^-$.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Savidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys. Rev. D95, January 2017
13.	Search for the CP -violating strong decays $\eta \rightarrow \pi^+\pi^-$ and $\eta'(958) \rightarrow \pi^+\pi^-$.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Savidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys. Lett. B764, January 2017.
14.	Observation of $B^+ \rightarrow J/\psi 3\pi^+ 2\pi^-$ and $B^+ \rightarrow \psi(2S)\pi^+\pi^+\pi^-$ decays.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Savidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Eur. Phys. J. C77, February 2017
15.	Measurement of matter-antimatter differences in beauty baryon decays.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Savidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Nature Phys., January 2017

16.	First experimental study of photon polarization in radiative B^0_s decays.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys. Rev. Lett. 118, 9 January 2017
17.	Search for the suppressed decays $B^+ \rightarrow K^+ K^+ \pi^-$ and $B^+ \rightarrow \pi^+ \pi^+ K^-$.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys. Lett. B765, February 2017
18.	Search for Structure in the $B^0_s \pi^\pm$ Invariant Mass Spectrum.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys. Rev. Lett. 118, March 2017.
19.	Amplitude analysis of $B^+ \rightarrow J/\psi \phi K^+$ decays.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys. Rev. D95, January 2017
20.	Observation of $J/\psi \phi$ structures consistent with exotic states from amplitude analysis of $B^+ \rightarrow J/\psi \phi K^+$ decays.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba, O.E. Maev, N.R. Sagicidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	Phys.Rev. Lett. 117, January 2017
21.	Amplitude analysis of $B^+ \rightarrow J/\psi \phi K^+$ decays.	R. Aaij, ... G.D. Alkhazov, N.F.Bondar, A.A. Dzyu-ba,	Phys. Rev. D95, January 2017.

		O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, <i>et al.</i>	
22.	Measurement of the direct CP violating charge asymmetry in $B^\pm \rightarrow \mu^\pm \nu \mu D^0$ decays.	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>	Phys.Rev. D95 (2017).
23.	Measurement of top quark polarization in $t\bar{t}$ lepton+jets 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>	Phys.Rev. D95 (2017).
24.	Search for CP violation in t t-bar production and decay 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>	JHEP 1703, March 2017.
25.	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying τ leptons and two jets 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,	JHEP 1703, March 2017.

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26.	Search for heavy resonances decaying to tau lepton pairs 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>	JHEP 1702 (2017).
27.	Measurement of the $t\bar{t}$ production cross section using events in the $e\mu$ final state 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>	Eur.Phys.J. C77 (2017).
28.	Searches for invisible decays of the Higgs boson in pp collisions at $\text{sqrt}(s) = 7, 8, \text{ and } 13$ 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>	JHEP 1702 (2017).
28.	Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos, and 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,	Phys.Lett. B768 (2017).

		L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, <i>et al.</i>	
28.	Search for R-parity violating supersymmetry with displaced vertices 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>	Phys.Rev.D Phys.Rev. D95 (2017)
29.	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents 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>	JHEP 1702 (2017),
30.	Measurements of differential cross sections for associated production of a W boson and jets 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>	Phys.Rev.D Phys.Rev. D95 (2017).
31.	Search for anomalous Wtb couplings and flavour-changing neutral currents in t-channel single top quark production in pp 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,	JHEP 1702 (2017).

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32.	Search for high-mass $Z\gamma$ resonances in $e+e-\gamma$ and $\mu+\mu-\gamma$ final states 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>	JHEP 1701 (2017).
33.	Observation of charge-dependent azimuthal correlations in pPb collisions and its implication for the search for the chiral magnetic effect.	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>	Phys.Rev.Lett Phys.Rev.Lett. 118 (2017).
34.	Search for supersymmetry in events with one lepton and multiple jets 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>	Phys.Rev. D95 (2017)
35.	Inclusive search for supersymmetry using razor variables in pp collisions at $s\sqrt{=}$ 13 TeV.	S. Chatrchyan,... A.A. Vorobyov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko,	Phys.Rev. D95 (2017).

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36.	Measurement of the relative yields of $\psi(2S)$ to $\psi(1S)$ mesons produced at forward and backward rapidity in $p+p$, $p+Al$, $p+Au$, and $3He+Au$ collisions at $s\sqrt{NN}=\sqrt{200}$ GeV.	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>	Phys.Rev. C95 (2017).
37.	Search for narrow resonances in dilepton mass spectra in proton-proton collisions at $s\sqrt{=13}$ TeV and combination with 8 TeV data.	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>	Phys.Lett. B768 (2017).
38.	Measurement of long-range angular correlations and azimuthal anisotropies in high-multiplicity $p+Au$ collisions at $s\sqrt{NN}=\sqrt{200}$ GeV.	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>	Phys.Rev. C95 (2017).
39.	Search for high-mass diphoton resonances in proton-proton collisions at 13 TeV and	S. Chatrchyan,... A.A. Vorobyov, V.L. Golovtsov,	Phys.Lett. B767 (2017).

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40.	The CMS trigger system.	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>	JINST 12 (2017).
41.	Measurement of the production cross section of a W boson in association with two b jets 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>	Eur.Phys.J. C77 (2017).
42.	Measurement of the WZ production cross section in pp collisions at $(\sqrt{s})= 13\text{ TeV}$.	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>	Phys.Lett. B766 (2017).
43.	Jet energy scale and resolution in the CMS	S. Chatrchyan,... A.A.	JINST 12 (2017).

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44.	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>	Phys.Lett. B764 (2017).
45.	Evidence for collectivity in pp collisions at the LHC.	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>	Phys.Lett. B765 (2017).
46.	Measurement of the transverse momentum spectra of weak vector bosons produced 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>	JHEP 1702 (2017).

47.	Measurement of the transverse momentum spectrum of the Higgs boson produced in pp collisions at $s\sqrt{=8}$ TeV using $H\rightarrow WW$ 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>	JHEP 1703 (2017).
48.	Search for Dark Matter and Supersymmetry with a Compressed Mass Spectrum in the Vector Boson Fusion Topology 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>	Phys.Rev.Lett. 118 (2017).
49.	Search for top squark pair production in compressed-mass-spectrum scenarios in proton-proton collisions at $s\sqrt{=} 8$ TeV using the alpha[T] variable.	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>	Phys.Lett. B767 (2017).
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55.	Determination of the event collision time with the ALICE detector at the LHC	Иванов В., Крышень Е., Малаев М., Никулин В., Рябов В., Рябов Ю., Самсонов В., Ханзадеев А., Жалов М.	Eur.Phys.J.Plus 132 (2017) no.2, 99
56.	J/ψ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Иванов В., Крышень Е. Малаев М., Никулин В., Рябов В., Рябов Ю., Самсонов В., Ханзадеев А.,	Phys.Lett. B766 (2017) 212-224

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57.	Charged-particle multiplicities in proton–proton collisions at $\sqrt{s}=0.9$ to 8 TeV	Иванов В., Крышень Е. Малаев М., Никулин В., Рябов В., Рябов Ю., Самсонов В., Ханзадеев А., Жалов М.	Eur.Phys.J. C77 (2017) no.1, 33
58.	Measurement of the relative yields of $\psi(2s)$ to $\psi(1s)$ mesons produced at forward and backward rapidity in p+p, p+Al, p+Au and He+Au collisions at $\sqrt{s}=200$ GeV	Баублис В.,Иванищев Д.,Ханзадеев А., Комков Б., Котов Д., Рябов В., Рябов Ю., Самсонов В.	Phys.Rev. C95 (2017) no.3, 034904
59.	Measurement of long-range angular correlations and azimuthal anisotropies in high-multiplicity p+Au collisions at $\sqrt{s}=200$ GeV	Баублис В.,Иванищев Д.,Ханзадеев А., Комков Б., Котов Д., Рябов В., Рябов Ю., Самсонов В.	Phys.Rev. C95 (2017) no.3, 034910
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65.	Measurement of the $tt\bar{Z}$ and $tt\bar{W}$ production cross sections in multilepton final states using 3.2 fb^{-1} of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Eur.Phys.J. C77 (2017) no.1, 40
66.	Measurements of $\psi(2S)$ and $X(3872) \rightarrow J/\psi\pi^+\pi^-$ production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	JHEP 1701 (2017) 117
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131.	Measurement of azimuthal correlations of D mesons and charged particles in pp collisions at $\sqrt{s}=7$ TeV and p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Иванов В., Крышень Е. Малаев М., Никулин В., Рябов В., Рябов Ю., Самсонов В., Ханзатеев А., Жалов М.	Eur.Phys.J. C77 (2017) no.4, 245
132.	Cross section and transverse single-spin asymmetry of muons from open heavy-flavor decays in polarized pp+pp collisions at $\sqrt{s}=200$ GeV	Баублис В.,Иванищев Д.,Ханзатеев А., Комков Б., Котов Д., Рябов В., Рябов Ю., Самсонов В.	Phys.Rev. D95 (2017) no.11, 112001
133.	Measurements of $B \rightarrow J/\psi$ at forward rapidity in pp collisions at 510 GeV	Баублис В.,Иванищев Д.,Ханзатеев А., Комков Б., Котов Д., Рябов В., Рябов Ю., Самсонов В.	Phys.Rev. D95 (2017) no.9, 092002
134.	Nonperturbative-transverse-momentum effects and evolution in dihadron and direct photon-hadron angular correlations in pp+pp collisions at $\sqrt{s}=510$ GeV	Баублис В.,Иванищев Д.,Ханзатеев А., Комков Б., Котов Д., Рябов В., Рябов Ю., Самсонов В.	Phys.Rev. D95 (2017) no.7, 072002

135.	Dynamical model of antishadowing of the nuclear gluon distribution	В. Гузей, и др.	Phys.Rev. C95 (2017) no.5, 055208
136.	Measurements of top quark spin observables in tt-events using dilepton final states in $\sqrt{s} = 8$ TeV pp collisions with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	JHEP 1703 (2017) 113
137.	Electron efficiency measurements with the ATLAS detector using 2012 LHC proton-proton collision data	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Eur.Phys.J. C77 (2017) no.3, 195
138.	Measurement of charged-particle distributions sensitive to the underlying event in $\sqrt{s} = 13$ TeV proton-proton collisions with the ATLAS detector at the LHC	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	JHEP 1703 (2017) 157
139.	Measurement of jet activity produced in top-quark events with an electron, a muon and two b-tagged jets in the final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Eur.Phys.J. C77 (2017) no.4, 220
140.	Performance of algorithms that reconstruct missing transverse momentum in $\sqrt{s} = 8$ TeV proton-proton collisions in the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Eur.Phys.J. C77 (2017) no.4, 241

141.	Performance of algorithms that reconstruct missing transverse momentum in $\sqrt{s} = 8$ TeV proton-proton collisions in the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	HEP 1704 (2017) 124
142.	Probing the Wtb vertex structure in t-channel single-top-quark production and decay in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Eur.Phys.J. C77 (2017) no.4, 264
143.	Measurement of the W boson polarisation in $t\bar{t}$ events from pp collisions at $\sqrt{s} = 8$ TeV in the lepton+jets channel with ATLAS	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Nucl.Phys. B918 (2017) 257-316
144.	High-ET isolated-photon plus jets production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Eur.Phys.J. C77 (2017) no.5, 292
145.	Reconstruction of primary vertices at the ATLAS experiment in Run 1 proton-proton collisions at the LHC	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Eur.Phys.J. C77 (2017) no.5, 332
146.	Electro-production on transversely polarized protons	HERMES collaboration (S.L. Be-lostoskiy, S.I.Manaenkov,	Eur.Phys.J. C77 (2017) no.6, 378

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147.	Hard Two-Photon Contribution to Elastic Lepton-Proton Scattering: Determined by the OLYMPUS.	OLYMPUS experiment (S.L. Be-Iostoskiy, O.V. Miklukho, A.Yu. Kiselev et al.)	Phys.Rev.Lett. 118 (2017) no.9, 092501
148.	Photoproduction of η mesons from the neutron: Cross sections and double polarization observable E	Д. Баядилов, А. Гриднев, И.Лопатин и др.	Eur. Phys. J. A53 (2017)
149.	Structure effects in polarization and cross sections for $A(p, p')X$ inelastic reactions on ^{40}Ca and ^{12}C nuclei at 1 GeV	Н.Козленко, Д.Новинский, А.Шведчиков и др.	Yad.Fiz. 80 (2017) no.2, 175-182 (2017-04-26)
150	Measurement of D_0 Azimuthal Anisotropy at Midrapidity in Au+ Au Collisions at $\sqrt{s_{NN}} = 200$ GeV	L. Adamczyk, ... P. Kravtsov, L. Kotchenda et al.	Phys. Rev. Lett. 118 N 21 p. 212301 (2017)
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152.	Measurement of the cross section and longitudinal double-spin asymmetry for dijet production in polarized p p collisions at $\sqrt{s} = 200$ GeV	L. Adamczyk, ... P. Kravtsov, L. Kotchenda et al.	Phys. Rev. D 95 N 7 p. 071103 (2017)
153.	Ratios of helicity amplitudes for exclusive electroproduction on transversely polarized protons - The HERMES Collaboration	A. Airapetian, ... P. Kravchenko et al.	Eur. Phys. J. C 77 (6) 378 (2017)
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156.	Test of lepton universality with $B^0 \rightarrow K^* \ell^+ \ell^-$ decays.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	JHEP 1708 (2017) 055.
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162.	Observation of the decay $B^0_s \rightarrow \eta c \phi$ and evidence for $B^0_s \rightarrow \eta c \pi^+ \pi^-$.	R. Aaij, ... G.D. Alkhazov, N.F. Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	JHEP 1707 (2017).
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166.	Search for Low Mass Vector Resonances Decaying to Quark-Antiquark Pairs 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, et al.	Phys.Rev.Lett. 119 (2017).
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169.	Measurement of the top quark mass in the dileptonic $t\bar{t}$ decay channel using the mass observables $M_{b\bar{l}}$, MT_2 , and $M_{b\bar{l}v}$ in pp collisions	S. Chatrchyan,... A.A. Vorobyov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko,	Phys.Rev. D96 (2017).

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191.	Measurement of the mass difference between top quark and antiquark 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, et al.	Phys.Lett. B770.
192.	Cross section measurement of t-channel single top quark production in pp 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,	Phys.Lett. B772.

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193.	Measurement of inclusive jet cross sections in pp and PbPb 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, et al.	Phys.Rev. C96.
194.	Measurement of the total and differential inclusive B+ hadron cross sections in pp 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, et al.	Phys.Lett. B771.
195.	Search for new phenomena in events with high jet multiplicity and low missing transverse momentum 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, et al.	Phys.Lett. B770.
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197.	Pseudorapidity dependence of long-range two-particle correlations in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV.	S. Chatrchyan, ... A.A. Vorobyov, V.L. Golovtsov, V.T. Kim, P.M. Levchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, et al.	Phys.Rev. C96.
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200.	Evolution of the longitudinal and azimuthal structure of the near-side jet peak in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Иванов В., Крышень Е., Малаев М., Никулин В., Рябов В., Рябов Ю., Самсонов В., Ханзадеев А., Жалов М.	Phys.Rev. C96 (2017) 034904
201.	Measurement of electrons from beauty-hadron decays in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Иванов В., Крышень Е., Малаев М., Никулин В., Рябов В., Рябов Ю.,	JHEP 1707 (2017) 052

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202.	Production of muons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Иванов В., Крышень Е. Малаев М., Никулин В., Рябов В., Рябов Ю., Самсонов В., Ханзадеев А., Жалов М.	Phys.Lett. B770 (2017) 459-472
203.	Measurement of D-meson production at mid-rapidity in pp collisions at $\sqrt{s_{NN}}=7$ TeV	Иванов В., Крышень Е. Малаев М., Никулин В., Рябов В., Рябов Ю., Самсонов В., Ханзадеев А., Жалов М.	Eur.Phys.J. C77 (2017) no.8, 550
204.	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at $\sqrt{s_{NN}}=7$ TeV	Иванов В., Крышень Е. Малаев М., Никулин В., Рябов В., Рябов Ю., Самсонов В., Ханзадеев А., Жалов М.	Eur.Phys.J. C77 (2017) no.8, 569
205.	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Иванов В., Крышень Е. Малаев М., Никулин В., Рябов В., Рябов Ю., Самсонов В., Ханзадеев А., Жалов М.	Phys.Lett. B772 (2017) 567-577
206.	Measurement of the production of high p_t electrons from heavy-flavour hadron decays in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV	Иванов В., Крышень Е. Малаев М., Никулин В., Рябов В., Рябов Ю., Самсонов В., Ханзадеев А., Жалов М.	Phys.Lett. B771 (2017) 467-481

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207.	Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC	Иванов В., Крышень Е. Малаев М., Никулин В., Рябов В., Рябов Ю., Самсонов В., Ханзидеев А., Жалов М.	JHEP 1709 (2017) 032
208.	Measurements of e+e-e+e- pairs from open heavy flavor in pp+pp and dd+AA collisions at $\sqrt{s_{NN}}=200$ GeV	Баублис В., Иванищев Д., Ханзидеев А., Комков Б., Котов Д., Рябов В., Рябов Ю., Самсонов В.	Phys.Rev. C96 (2017) no.2, 024907
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211.	Measurement of forward-backward multiplicity correlations in lead-lead, proton-lead, and proton-proton collisions with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Schegelsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Phys.Rev. C95 (2017) no.6, 064914
212.	Topological cell clustering in the ATLAS	ATLAS Collaboration,	Eur.Phys.J. C77 (2017) 490

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215.	Studies of $Z\gamma$ production in association with a high-mass dijet system in pp collisions at $\sqrt{s} = 8$ TeV	ATLAS Collaboration, O. Fedin, V. Maleev, V. Schegelsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	JHEP 1707 (2017) 107
216.	Measurement of $W^{\pm}W^{\pm}$ vector-boson scattering and limits on anomalous quartic gauge couplings with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Schegelsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Phys.Rev. D96 (2017) no.1, 012007
217	Measurement of $WW/WZ \rightarrow \ell\nu qq'$ production with the hadronically decaying boson reconstructed as one or two jets in pp collisions at $\sqrt{s} = 8$ TeV with	ATLAS Collaboration, O. Fedin, V. Maleev, V. Schegelsky, V. Solovyev,	Eur.Phys.J. C77 (2017) no.8, 563

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219.	Search for the dimuon decay of the Higgs boson in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Schegelsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Phys.Rev.Lett. 119 (2017) no.5, 051802
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221.	Fiducial, total and differential cross-section measurements of t-channel single top-quark production in pp collisions at 8 TeV using data collected by the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Schegelsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Eur.Phys.J. C77 (2017) no.8, 531
222	Search for pair production of e top quarks in events with one lepton, jets, and missing transverse momentum in $\sqrt{s} = 8$ TeV pp collisions with the	ATLAS Collaboration, O. Fedin, V. Maleev, V. Schegelsky, V. Solovyev,	JHEP 1708 (2017) 052

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223.	Measurements of long-range azimuthal anisotropies and associated Fourier coefficients for pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV and 13 TeV and p+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Schegelsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Phys.Rev. C96 (2017) no.2, 024908
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261.	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Иванов В., Крышень Е. Малаев М., Никулин В., Рябов В., Рябов Ю., Самсонов В., Ханзадеев А., Жалов М.	Phys.Lett. B772 (2017) 567-577
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268.	Photoproduction of heavy vector mesons in ultra-peripheral Pb-Pb collisions	Крышень Е.	Nucl.Phys. A967 (2017) 273-276
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270.	ϕ-meson production at forward rapidity in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV and in pp collisions at $\sqrt{s} = 2.76$ TeV	Иванов В., Крышень Е. Малаев М., Никулин В., Рябов В., Рябов Ю., Самсонов В., Ханзадеев А., Жалов М.	Phys.Lett. B768 (2 Acta Phys.Polonica 48 B, 423-429 (2017)017) 203-217
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272.	Search for pair production of heavy vector-like quarks decaying to high-p T W bosons and b quarks in the lepton-plus-jets final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	JHEP 10 (2017) 141
273.	Performance of the ATLAS track reconstruction algorithms in dense environments in LHC Run 2	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Eur.Phys.J. C77 (2017) no.10, 673
274	Searches for the $Z\gamma$ decay mode of the Higgs boson and for new high-mass resonances in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	JHEP 1710 (2017) 112
275	Measurement of inclusive and differential cross sections in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel in pp	ATLAS Collaboration, O. Fedin, V. Maleev,	JHEP 1710 (2017) 132

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287.	Search for light bosons in decays of the 125 GeV Higgs boson 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, et al.	JHEP 1710.
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<i>Иные публикации</i>			
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2.	Search for heavy resonances decaying to a Z boson and a photon in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov,	Phys.Lett. B764 (2017) 11-30

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9.	Measurement of W boson angular distributions in events with high transverse momentum jets at $\sqrt{s} = 13$ TeV using the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Phys.Lett. B765 (2017) 132-153
10.	Measurements of top-quark pair to Z -boson cross-section ratios at $\sqrt{s} = 13,8,7$ TeV with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	JHEP 1702 (2017) 117
11.	Search for triboson $W^\pm W^\pm W^\mp$ production in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Eur.Phys.J. C77 (2017) no.3, 141
12.	Search for new phenomena in events containing a same-flavour opposite-sign dilepton pair, jets, and large missing transverse momentum in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Eur.Phys.J. C77 (2017) no.3, 144
13.	Changes in mean-squared charge radii and magnetic moments of $^{179-184}\text{Tl}$ measured by in-source laser spectroscopy	A. E. Barzakh, A. N. Andreyev, T. E. Cocolios, R. P. de Groote, D. Fedorov, V.	Phys. Rev. C 95, 014324 (2017).

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33.	Study of $WW\gamma$ and $WZ\gamma$ production in pp collisions at $\sqrt{s} = 8$ TeV and search for anomalous quartic gauge couplings with the ATLAS experiment	ATLAS Collaboration, O. Fedin, V. Maleev, V. Schegelsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Eur.Phys.J. C77 (2017) no.9, 646
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39.	Measurement of the W+W ⁻ production cross section in pp collisions at a centre-of-mass energy of $\sqrt{s} = 13$ TeV with the ATLAS experiment	ATLAS Collaboration, O. Fedin, V. Maleev, V. Scheglsky, V. Solovyev, A. Ezhilov, Y. Ryabov, V. Grachev, M. Levchenko	Phys.Lett. B773 (2017) 354-374
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