

№	Авторы организации	ВСЕ авторы	Название публикации	Название источника	Год	Том	Выпуск	Первая стр. или номер статьи	Последняя стр.	DOI (начиная с 10.xxx...)	Другие межд. базы
1	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Measurement of $t\bar{t}$ production in association with additional $b\bar{b}$ -jets in the $\sqrt{s}$ final state in proton–proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025	01		068		10.1007/JHEP01(2025)068	WoS
2	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for diphoton resonances in the 66 to 110 GeV mass range using $\sqrt{s}$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025	01		068		10.1007/JHEP01(2025)053	WoS
3	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Measurement of top-quark pair production in association with charm quarks in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Physics Letters B	2025	860		139177		10.1016/j.physletb.2024.139177	WoS
4	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for boosted low-mass resonances decaying into hadrons produced in association with a photon in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025	01		099		10.1007/JHEP01(2025)099	WoS
5	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Expected Tracking Performance of the ATLAS Inner Tracker at the High-Luminosity LHC	Journal of Instrumentation	2025	20		02018		10.1088/1748-0221/20/02/P02018	WoS
6	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for magnetic monopole pair production in ultraperipheral Pb+Pb collisions at $\sqrt{s_{NN}}=5.36$ TeV with the ATLAS detector at the LHC	Physical Review Letters	2025	134		06180		10.1103/PhysRevLett.134.061803	WoS
7	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for the associated production of charm quarks and a Higgs boson decaying into a photon pair with the ATLAS detector	Journal of High Energy Physics	2025	02		045		10.1007/JHEP02(2025)045	WoS
8	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	A search for triple Higgs boson production in the $\sqrt{s}$ final state using $\sqrt{s}$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Physical Review D	2025	111		03200		10.1103/PhysRevD.111.032006	WoS
9	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for single-production of vector-like quarks decaying into Wb in the fully hadronic final state in $\sqrt{s}$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025	02		075		10.1007/JHEP02(2025)075	WoS
10	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for same-charge top-quark pair production in $\sqrt{s}$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025	02		084		10.1007/JHEP02(2025)084	WoS
11	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for a light charged Higgs boson in $t\bar{t} \rightarrow H^{\pm} b\bar{b}$ decays, with $\sqrt{s}$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	The European Physical Journal C	2025	85		153		10.1140/epjc/s10052-024-13715-4	WoS
12	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Combination of searches for singly produced vector-like top quarks in $\sqrt{s}$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Physical Review D	2025	111		012012		10.1103/PhysRevD.111.012012	WoS
13	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Total cost of ownership and evaluation of Google cloud resources for the ATLAS experiment at the LHC	Computing and Software for Big Science	2025	9		2		10.1007/s41781-024-00128-x	Springer
14	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Constraint on the total width of the Higgs boson from Higgs boson and four-top-quark measurements in $\sqrt{s}$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Physics Letters B	2025	861		139277		10.1016/j.physletb.2025.139277	WoS
15	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Software and computing for Run 3 of the ATLAS experiment at the LHC	The European Physical Journal C	2025	85		234		10.1140/epjc/s10052-024-13701-w	WoS
16	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Configuration, Performance, and Commissioning of the ATLAS $b\bar{b}$ -jet Triggers for the 2022 and 2023 LHC data-taking periods	Journal of Instrumentation	2025	20		03002		10.1088/1748-0221/20/03/P03002	WoS
17	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Differential cross-section measurements of Higgs boson production in the $\sqrt{s} \rightarrow \tau^+ \tau^-$ decay channel in $\sqrt{s}$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025	3		010		10.1007/JHEP03(2025)010	WoS
18	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Measurement of the associated production of a top-antitop-quark pair and a Higgs boson decaying into a $b\bar{b}$ pair in $\sqrt{s}$ collisions at $\sqrt{s}=13$ TeV using the ATLAS detector at the LHC	The European Physical Journal C	2025	85		210		10.1140/epjc/s10052-025-13740-x	WoS
19	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for a heavy charged Higgs boson decaying into a $W\bar{W}$ boson and a Higgs boson in final states with leptons and $b\bar{b}$ -jets in $\sqrt{s}$ collisions at $\sqrt{s}=13$ TeV $\sqrt{s}$ collisions with the ATLAS detector	Journal of High Energy Physics	2025	2		143		10.1007/JHEP02(2025)143	WoS
20	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	ATLAS searches for additional scalars and exotic Higgs boson decays with the LHC Run 2 dataset	Physics Reports	2025	1116		184	260	10.1016/j.physrep.2024.09.002	WoS
21	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Climbing to the Top of the ATLAS 13 TeV data	Physics Reports	2025	1116		127	183	10.1016/j.physrep.2024.12.004	WoS

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22	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Exploration at the high-energy frontier: ATLAS Run 2 searches investigating the exotic jungle beyond the Standard Model	Physics Reports	2025	1116		301	385	10.1016/j.physrep.2024.10.001	WoS
23	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	The quest to discover supersymmetry at the ATLAS experiment	Physics Reports	2025	1116		261	300	10.1016/j.physrep.2024.09.010	WoS
24	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Measurement of the Lund jet plane in hadronic decays of top quarks and W bosons with the ATLAS detector	The European Physical Journal C	2025	85		416		10.1140/epjc/s10052-025-13924-5	WoS
25	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for charged Higgs bosons produced in top-quark decays or in association with top quarks and decaying via $SH^{\pm} \rightarrow \tau^{\pm} \nu_{\tau}$ in 13 TeV $\sqrt{s}$ collisions with the ATLAS detector	Physical Review D	2025	111		072006		10.1103/PhysRevD.111.072006	WoS
26	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Observation of top-quark pair production in lead-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS detector	Physical Review Letters	2025	134		142301		10.1103/PhysRevLett.134.142301	WoS
27	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Electroweak, QCD and flavour physics studies with ATLAS data from Run 2 of the LHC	Physics Reports	2025	1116		57	125	10.1016/j.physrep.2024.12.003	WoS
28	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for supersymmetry in final states with missing transverse momentum and charm-tagged jets using 139 fb $^{-1}$ of proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025	02		193		10.1007/JHEP02(2025)193	WoS
29	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for dark matter produced in association with a dark Higgs boson in the $B\bar{B}$ final state using $\sqrt{s}=13$ TeV with the ATLAS detector	Physical Review Letters	2025	134		121801		10.1103/PhysRevLett.134.121801	WoS
30	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for Higgs boson decays into a pair of pseudoscalar particles in the $\gamma\gamma\tau^+\tau^-$ final state using $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025	03		190		10.1007/JHEP03(2025)190	WoS
31	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for light neutral particles decaying promptly into collimated pairs of electrons or muons in $\sqrt{s}=13$ TeV with the ATLAS detector	The European Physical Journal C	2025	85		335		10.1140/epjc/s10052-025-13916-5	WoS
32	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Measurement of photonuclear jet production in ultra-peripheral Pb+Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS detector	Physical Review D	2025	111		052006		10.1103/PhysRevD.111.052006	WoS
33	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Observation of $\sqrt{s}=13$ TeV with the ATLAS detector	Physics Letters B	2025	866		139527		10.1016/j.physletb.2025.139527	WoS
34	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Measurement of off-shell Higgs boson production in the $SH^*\rightarrow ZZ\rightarrow 4\ell$ decay channel using a neural simulation-based inference technique in 13 TeV $\sqrt{s}$ collisions with the ATLAS detector	Reports on Progress in Physics	2025	88		057803		10.1088/1361-6633/acd9a	WoS
35	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Test of lepton flavour universality in $W\rightarrow\tau\nu$ decays into electrons and $\tau\rightarrow\ell\nu$ leptons using $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025	05		038		10.1007/JHEP05(2025)038	WoS
36	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for vector-like leptons coupling to first- and second-generation Standard Model leptons in $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025	05		075		10.1007/JHEP05(2025)075	WoS
37	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for a new scalar decaying into new spin-1 bosons in four-lepton final states with the ATLAS detector	Physics Letters B	2025	865		139472		10.1016/j.physletb.2025.139472	WoS
38	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for the jet-induced diffusion wake in the quark-gluon plasma via measurements of jet-track correlations in photon-jet events in Pb+Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS detector	Physical Review C	2025	111		044909		10.1103/PhysRevC.111.044909	WoS
39	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Exploration at the high-energy frontier: ATLAS Run 2 searches investigating the exotic jungle beyond the Standard Model	Physics Reports	2025	1116		301	385	10.1016/j.physrep.2024.10.001	WoS
40	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	The quest to discover supersymmetry at the ATLAS experiment	Physics Reports	2025	1116		261	300	10.1016/j.physrep.2024.09.010	WoS
41	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V, Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Measurement of the top quark mass with the ATLAS detector using $t\bar{t}$ events with a high transverse momentum top quark	Physics Letters B	2025	867		139698		10.1016/j.physletb.2025.139608	WoS

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42	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	The performance of missing transverse momentum reconstruction and its significance with the ATLAS detector using 140 fb^{-1} of $\sqrt{s}=13 \text{ TeV}$ pp collisions	The European Physical Journal C	2025	85		606		10.1140/epjc/s10052-025-14062-8	WoS
43	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	An implementation of neural simulation-based inference for parameter estimation in ATLAS	Reports on Progress in Physics	2025	88		067801		10.1088/1361-6633/add370	WoS
44	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for $t\bar{t}H/A \rightarrow t\bar{t}b\bar{b}$ production in proton-proton collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector	The European Physical Journal C	2025	85		573		10.1140/epjc/s10052-025-14041-z	WoS
45	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Reconstruction and identification of pairs of collimated τ -leptons decaying hadronically using $\sqrt{s}=13 \text{ TeV}$ pp collision data with the ATLAS detector	The European Physical Journal C	2025	85		561		10.1140/epjc/s10052-025-14075-3	WoS
46	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for long-lived charged particles using large specific ionisation loss and time of flight in 140 fb^{-1} of pp collisions at $\sqrt{s} \in [13, 14] \text{ TeV}$ with the ATLAS detector	Journal of High Energy Physics	2025	07		140		10.1007/JHEP07(2025)140	WoS
47	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Measurement of jet track functions in pp collisions at $\sqrt{s} \in [13, 14] \text{ TeV}$ with the ATLAS detector	Physics Letters B	2025	868		139680		10.1016/j.physletb.2025.139680	WoS
48	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for cascade decays of charged sleptons and sneutrinos in final states with three leptons and missing transverse momentum in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector	Physical Review D	2025	112		012005		10.1103/physrevd.2025.110303	WoS
49	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Differential cross-section measurements of $D^0 \rightarrow \pi^0 \pi^0$ meson production in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector	Journal of High Energy Physics	2025	07		86		10.1007/JHEP07(2025)086	WoS
50	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Cross-section measurements for the production of a W -boson in association with high-transverse-momentum jets in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector	The European Physical Journal C	2025	85		738		10.1140/epjc/s10052-025-14078-0	WoS
51	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for Higgs boson decays into a Z boson and a light hadronically decaying resonance in pp collisions at $\sqrt{s}=13 \text{ TeV}$ with the ATLAS detector	Physics Letters B	2025	868		139671		10.1016/j.physletb.2025.139671	WoS
52	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Precision measurement of the $B^0 \rightarrow \pi^0 \pi^0$ meson lifetime using $B^0 \rightarrow \pi^0 \pi^0$ decays with the ATLAS detector	The European Physical Journal C	2025	85		736		10.1140/epjc/s10052-025-14232-8	WoS
53	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Measurement of double-differential charged-current Drell-Yan cross-sections at high transverse masses in pp collisions at $\sqrt{s} \in [13, 14] \text{ TeV}$ with the ATLAS detector	Journal of High Energy Physics	2025	07		026		10.1007/JHEP07(2025)026	WoS
54	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Measurement of W^+W^- -boson differential cross-sections in proton-proton collisions with low pile-up data at $\sqrt{s} = 5.02 \text{ TeV}$ and 13 TeV with the ATLAS detector	The European Physical Journal C	2025	85		729		10.1140/epjc/s10052-025-14178-x	WoS
55	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Improved reconstruction of highly boosted τ -lepton pairs in the $\tau \rightarrow \mu \nu_\tau$ decay channels with the ATLAS detector	The European Physical Journal C	2025	85		706		10.1140/epjc/s10052-025-14012-4	WoS
56	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Charged-hadron and identified-hadron ($K^0_S \rightarrow \pi^0 \pi^0$) yield measurements in photo-nuclear $\text{Pb}+\text{Pb}$ and $\text{p}+\text{Pb}$ collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ with ATLAS	Physical Review C	2025	111		064908		10.1103/physrevc.2025.110303	WoS
57	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for a new pseudoscalar decaying into a pair of bottom and antibottom quarks in top-associated production in $\sqrt{s}=13 \text{ TeV}$ proton-proton collisions with the ATLAS detector	The European Physical Journal C	2025	85		886		10.1140/epjc/s10052-025-14507-0	WoS
58	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Searches for direct slepton production in the compressed-mass corridor in $\sqrt{s}=13 \text{ TeV}$ pp collisions with the ATLAS detector	Journal of High Energy Physics	2025	08		053		10.1007/JHEP08(2025)053	WoS
59	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Measurements of the production cross-sections of a Higgs boson in association with a vector boson and decaying into WW^* with the ATLAS detector at $\sqrt{s} = 13 \text{ TeV}$	Journal of High Energy Physics	2025	034		034		10.1007/JHEP08(2025)034	WoS
60	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for new physics in final states with semi-visible jets or anomalous signatures using the ATLAS detector	Physical Review D	2025	112		012021		10.1103/physrevd.2025.110303	WoS
61	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for heavy neutral leptons in decays of W bosons using leptonic and semi-leptonic displaced vertices in $\sqrt{s} = 13 \text{ TeV}$ pp collisions with the ATLAS detector	Journal of High Energy Physics	2025	07		196		10.1007/JHEP07(2025)196	WoS

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62	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Energy scale and resolution for anti- $t\bar{t}$ jets with radius parameters $\Delta R=0.25$ and 0.6 measured in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	The European Physical Journal C	2025	85		791		10.1140/epjc/s10052-025-14226-6	WoS
63	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for displaced leptons in $\sqrt{s}=13$ TeV and $\sqrt{s}=13.6$ TeV $\gamma\gamma$ collisions with the ATLAS detector	Physical Review D	2025	112		012016		10.1103/w8hh-xf24	WoS
64	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Evidence for longitudinally polarized $W^\pm$ bosons in the electroweak production of same-sign $W^\pm$ boson pairs in association with two jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Physical Review Letters	2025	135		111802		10.1103/bpln-ccq1	WoS
65	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	A search for dark matter produced in association with a dark Higgs boson decaying into a Higgs boson pair in $35b\bar{b}$ or $45b\bar{b}$ final states using $\gamma\gamma$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025	09		067		10.1007/JHEP09(2025)067	WoS
66	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for emerging jets in $\gamma\gamma$ collisions at $\sqrt{s}=13.6$ TeV with the ATLAS experiment	Reports on Progress in Physics	2025	88		097801		10.1088/1361-6633/adfe17	WoS
67	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	A precise measurement of the jet energy scale derived from single-particle measurements and in situ techniques in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	The European Physical Journal C	2025	85		927		10.1140/epjc/s10052-025-14409-1	WoS
68	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Azimuthal anisotropies of charged particles with high transverse momentum in Pb+Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS detector	Physical Review C	2025		112		24910	10.1103/d46f-y14n	WoS
69	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Measurements of SW^+W^- production cross-sections in $\gamma\gamma$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025		08		142	10.1007/JHEP08(2025)142	WoS
70	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for decays of the Higgs boson into scalar particles decaying into four or six $b\bar{b}$ -quarks using $\gamma\gamma$ collisions at $\sqrt{s}=13$, $\sqrt{s}=13.6$ TeV with the ATLAS detector	Physical Review D	2025	112		072005		10.1103/mzld-ldt	WoS
71	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for Higgs boson exotic decays into Lorentz-boosted light bosons in the four- τ final state at $\sqrt{s}=13$ TeV with the ATLAS detector	Physics Letters B	2025	870		139843		10.1016/j.physletb.2025.139843	WoS
72	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	A measurement of the high-mass $t\bar{t}\gamma$ production cross-section at $\sqrt{s}=13$ TeV with the ATLAS detector and constraints on new particles and couplings	Journal of High Energy Physics	2025	10		54		10.1007/JHEP10(2025)054	WoS
73	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	A continuous calibration of the ATLAS flavour-tagging classifiers via optimal transportation maps	The European Physical Journal C	2025	85		1272		10.1140/epjc/s10052-025-14682-0	WoS
74	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Measurements and interpretations of SW^+W^-Z production cross-sections in $\gamma\gamma$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025	11		006		10.1007/JHEP11(2025)006	WoS
75	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for events with one displaced vertex from long-lived neutral particles decaying into hadronic jets in the ATLAS muon spectrometer in $\gamma\gamma$ collisions at $\sqrt{s}=13$ TeV	Physical Review D	2025	112		092001		10.1103/cmql-s9sq	WoS
76	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Search for the production of a Higgs boson in association with a single top quark in $\gamma\gamma$ collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	2025	10		093		10.1007/JHEP10(2025)093	WoS
77	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Probing the Higgs boson CP properties in vector-boson fusion production in the $SH\rightarrow\tau^+\tau^-$ channel with the ATLAS detector	Journal of High Energy Physics	2025	10		092		10.1007/JHEP10(2025)092	WoS
78	Fedin O., Naryshkin Yu., Maleev V., Schegelsky V., Ezhilov A., Levchenko M., Pudzha D., Barsov S., Pokidova M.	ATLAS Collaboration	Weakly supervised anomaly detection for resonant new physics in the dijet final state using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Physical Review D	2025	112		072009		10.1103/2yq5-vj59	WoS
79	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for a standard model-like Higgs boson in the mass range between 70 and 110 GeV in the diphoton final state in proton-proton collisions at $\sqrt{s}=13$ TeV	Physics Letters B	2025	860		139067		10.1016/j.physletb.2024.139067	WoS
80	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Study of WH production through vector boson scattering and extraction of the relative sign of the W and Z couplings to the Higgs boson in proton-proton collisions at $\sqrt{s}=13$ TeV	Physics Letters B	2025	860		139202		10.1016/j.physletb.2024.139202	WoS
81	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for bottom quark associated production of the standard model Higgs boson in final states with leptons in proton-proton collisions at $\sqrt{s}=13$ TeV	Physics Letters B	2025	860		139173		10.1016/j.physletb.2024.139173	WoS

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82	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of inclusive and differential cross sections of single top quark production in association with a W boson in proton-proton collisions at $\sqrt{s} = 13.6$ TeV	Journal of High Energy Physics	2025	2025		107		10.1007/JHEP01(2025)107	WoS
83	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Constraints on the Higgs boson self-coupling from the combination of single and double Higgs boson production in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Letters B	2025	861		139210		10.1016/j.physletb.2024.139210	WoS
84	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Girth and groomed radius of jets recoiling against isolated photons in lead-lead and proton-proton collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Physics Letters B	2025	861		139088		10.1016/j.physletb.2024.139088	WoS
85	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV	Journal of High Energy Physics	2025	2025		11		10.1007/JHEP01(2025)011	WoS
86	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of multidifferential cross sections for dijet production in proton-proton collisions at $\sqrt{s} = 13$ TeV	The European Physical Journal C	2025	85		72		10.1140/epjc/s10052-024-13606-8	WoS
87	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for charged-lepton flavor violation in the production and decay of top quarks using trilepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physical Review D	2025	111		012009		10.1103/PhysRevD.111.012009	WoS
88	Kim V.T., Kuznetsova E.V., Sosnov D.E.	CMS Collaboration	Photon-exchange dominance over Pomeron in forward rapidity gap events in p-Pb collisions at the LHC	Physics of Elementary Particles and Atomic Nuclei Letters	в печати	22	1	132			Springer
89	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Constraints on standard model effective field theory for a Higgs boson produced in association with W or Z bosons in the $H \rightarrow b\bar{b}$ decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	3		114		10.1007/JHEP03(2025)114	WoS
90	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for Nuclear Modifications of B+ Meson Production in p-Pb Collisions at $\sqrt{s_{NN}} = 8.16$ TeV	Physical Review Letters	2025	134	11	111903		10.1103/PhysRevLett.134.111903	WoS
91	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Test of lepton flavor universality in semileptonic B_c^+ meson decays in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physical Review D	2025	111	5	L051102		10.1103/PhysRevD.111.L051102	WoS
92	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for the Higgs boson decays to a $p0$, ϕ , or K^*0 meson and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Letters B	2025	862		139296		10.1016/j.physletb.2025.139296	WoS
93	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Searches for Higgs Boson Production through Decays of Heavy Resonances	Physics Reports	2025	1115		368	447	10.1016/j.physrep.2024.09.004	WoS
94	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Enriching the Physics Program of the CMS Experiment via Data Scouting and Data Parking	Physics Reports	2025	1115		678	772	10.1016/j.physrep.2024.09.006	WoS
95	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Review of searches for vector-like quarks, vector-like leptons, and heavy neutral leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV at the CMS experiment	Physics Reports	2025	1115		570	677	10.1016/j.physrep.2024.09.012	WoS
96	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Dark sector searches with the CMS experiment	Physics Reports	2025	1115		448	569	10.1016/j.physrep.2024.09.013	WoS

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97	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Stairway to discovery: a report on the CMS programme of cross section measurements from millibarns to femtobarns	Physics Reports	2025	1115		3	115	10.1016/j.physrep.2024.11.005	WoS
98	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Overview of high-density QCD studies with the CMS experiment at the LHC	Physics Reports	2025	1115		219	367	10.1016/j.physrep.2024.11.007	WoS
99	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Review of top quark mass measurements in CMS	Physics Reports	2025	1115		116	218	10.1016/j.physrep.2024.12.002	WoS
100	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Proton reconstruction with the TOTEM Roman pot detectors for high- $\beta^* \{^*\}$ LHC data	Journal of Instrumentation	2025	20	04	P04012		10.1088/1748-0221/20/04/p04012	WoS
101	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Identification of low-momentum muons in the CMS detector using multivariate techniques in proton-proton collisions at $\sqrt{s} = 13.6$ TeV	Journal of Instrumentation	2025	20	04	P04021		10.1088/1748-0221/20/04/p04021	WoS
102	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Energy-scaling behavior of intrinsic transverse momentum parameters in Drell-Yan simulation	Physical Review D	2025	111	7	072003		10.1103/physrevd.111.072003	WoS
103	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for fractionally charged particles in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physical Review Letters	2025	134	13	131802		10.1103/physrevlett.134.131802	WoS
104	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for new resonances decaying to pairs of merged diphotons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physical Review Letters	2025	134	4	041801		10.1103/physrevlett.134.041801	WoS
105	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for long-lived heavy neutral leptons in proton-proton collision events with a lepton-jet pair associated with a secondary vertex at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	2	36		10.1007/jhep02(2025)036	WoS
106	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for resonant pair production of Higgs bosons in the $b\bar{b}b\bar{b}$ final state using large-area jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	2	40		10.1007/jhep02(2025)040	WoS
107	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for dark matter produced in association with a pair of bottom quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	2	50		10.1007/jhep02(2025)050	WoS
108	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for a heavy resonance decaying into a Z and a Higgs boson in events with an energetic jet and two electrons, two muons, or missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	2	89		10.1007/jhep02(2025)089	WoS
109	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of the $t\bar{t}H$ and tH production rates in the $H \rightarrow b\bar{b}$ decay channel using proton-proton collision data at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	2	97		10.1007/jhep02(2025)097	WoS
110	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurements of inclusive and differential cross sections for top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	2	177		10.1007/jhep02(2025)177	WoS
111	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Bottom quark energy loss and hadronization with B^- and $B^0 \rightarrow$ nuclear modification factors using pp and $\sqrt{s}NN=5.02$ TeV	Journal of High Energy Physics	2025	2025	2	195		10.1007/jhep02(2025)195	WoS

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112	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for high-mass resonances in a final state comprising a gluon and two hadronically decaying W bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	2	199		10.1007/jhep02(2025)199	WoS
113	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of inclusive and differential cross sections for W^+W^- production in proton-proton collisions at $\sqrt{s} = 13.6$ TeV	Physics Letters B	2025	861		139231		10.1016/j.physletb.2024.139231	WoS
114	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Pseudorapidity distributions of charged hadrons in lead-lead collisions at $\sqrt{s}NN = 5.36$ TeV	Physics Letters B	2025	861		139279		10.1016/j.physletb.2025.139279	WoS
115	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for light long-lived particles decaying to displaced jets in proton-proton collisions at $\sqrt{s} = 13.6$ TeV	Reports on Progress in Physics	2025	88	3	037801		10.1088/1361-6633/adaa13	WoS
116	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Constraints on standard model effective field theory for a Higgs boson produced in association with W or Z bosons in the $H \rightarrow b\bar{b}$ decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	3	114		10.1007/jhep03(2025)114	WoS
117	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for nuclear modifications of B^+ meson production in pPb collisions at $\sqrt{s}NN = 8.16$ TeV	Physical Review Letters	2025	134	11	111903		10.1103/physrevlett.134.111903	WoS
118	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for pair production of heavy particles decaying to a top quark and a gluon in the lepton+jets final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	The European Physical Journal C	2025	85	3	342		10.1140/epjc/s10052-024-13729-y	WoS
119	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurements of the Higgs boson production cross section in the four-lepton final state in proton-proton collisions at 13.6 TeV	Journal of High Energy Physics	2025	2025	5	79		10.1007/JHEP05(2025)079	WoS
120	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of the inclusive WZ production cross section in pp collisions at 13.6 TeV	Journal of High Energy Physics	2025	2025	4	115		10.1007/JHEP04(2025)115	WoS
121	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Proton reconstruction with the TOTEM Roman pot detectors for high- β^* LHC data	Journal of Instrumentation	2025	20	4	P04012		10.1088/1748-0221/20/04/P04012	WoS
122	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for rare decays of the Z and Higgs bosons to a J/ψ or $\psi(2S)$ meson and a photon in proton-proton collisions at 13 TeV	Physics Letters B	2025	865		139462		10.1016/j.physletb.2025.139462	WoS
123	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Angular analysis of the $B_0 \rightarrow K^*(892)0\mu^+\mu^-$ decay in proton-proton collisions at 13 TeV	Physics Letters B	2025	864		139406		10.1016/j.physletb.2025.139406	WoS
124	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of the inclusive $t\bar{t}$ cross section in final states with at least one lepton and additional jets with 302 pb $^{-1}$ of pp collisions at 5.02 TeV	Journal of High Energy Physics	2025	4		099		10.1007/JHEP04(2025)099	WoS
125	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for heavy long-lived charged particles with large ionization energy loss in proton-proton collisions at 13 TeV	Journal of High Energy Physics	2025	4		109		10.1007/JHEP04(2025)109	WoS
126	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of the inclusive cross sections for W and Z boson production in proton-proton collisions at 5.02 and 13 TeV	Journal of High Energy Physics	2025	4		162		10.1007/JHEP04(2025)162	WoS

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127	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Differential cross section measurements for the production of top quark pairs and of additional jets using dilepton events from pp collisions at 13 TeV	Journal of High Energy Physics	2025	2		064		10.1007/JHEP02(2025)064	WoS
128	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of the Higgs boson mass and width using the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physical Review D	2025	111	9	092014		10.1103/physrevd.111.092014	WoS
129	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for excited tau leptons in the $\tau\tau\gamma$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	6	6		10.1007/jhep06(2025)006	WoS
130	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for bosons of an extended Higgs sector in b quark final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	6	144		10.1007/jhep06(2025)144	WoS
131	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Model-agnostic search for dijet resonances with anomalous jet substructure in proton-proton collisions at $\sqrt{s} = 13$ TeV	Reports on Progress in Physics	2025	88	6	067802		10.1088/1361-6633/add762	WoS
132	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of the Drell–Yan forward-backward asymmetry and of the effective leptonic weak mixing angle in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Letters B	2025	866		139526		10.1016/j.physletb.2025.139526	WoS
133	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Observation of nuclear modification of energy-energy correlators inside jets in heavy ion collisions	Physics Letters B	2025	866		139556		10.1016/j.physletb.2025.139556	WoS
134	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for heavy neutral Higgs bosons A and H in the $t\bar{t}Z$ channel in proton-proton collisions at 13 TeV	Physics Letters B	2025	866		139568		10.1016/j.physletb.2025.139568	WoS
135	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for medium effects using jet axis decorrelation in inclusive jets from PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Journal of High Energy Physics	2025	06		120		10.1007/JHEP06(2025)120	WoS
136	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Evidence for Similar Collectivity of High Transverse-Momentum Particles in p-Pb and Pb-Pb Collisions	Physical Review Letters	2025	135	7	071903		10.1103/physrevlett.2025.071903	WoS
137	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for a Neutral Gauge Boson with Nonuniversal Fermion Couplings in Vector Boson Fusion Processes in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV	Physical Review Letters	2025	135	6	061803		10.1103/physrevlett.2025.061803	WoS
138	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Determination of the strong coupling and its running from measurements of inclusive jet production	Physics Letters B	2025	868		139651		10.1016/j.physletb.2025.139651	WoS
139	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of light-by-light scattering and the Breit-Wheeler process, and search for axion-like particles in ultraperipheral PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Journal of High Energy Physics	2025	06		006		10.1007/JHEP08(2025)006	WoS
140	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for heavy neutral resonances decaying to tau lepton pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physical Review D	2025	111	11	112004		10.1103/PhysRevD.111.112004	WoS
141	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Reweighting simulated events using machine-learning techniques in the CMS experiment	The European Physical Journal C	2025	85	5	495		10.1140/epjc/s10052-025-14097-x	WoS

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142	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for flavor-changing neutral current interactions of the top quark mediated by a Higgs boson in proton-proton collisions at 13 TeV	Physical Review D	2025	112	3	032008		10.1103/95q6-vvlp	WoS
143	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Multiplicity dependence of charm baryon and charm meson production in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV	Physics Letters B	2025	868		139672		10.1016/j.physletb.2025.139672	WoS
144	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Observation of $WZ\gamma\gamma$ production and constraints on new physics scenarios in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physical Review D	2025	112	1	012009		10.1103/cm24-665b	WoS
145	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for dark matter produced in association with one or two top quarks in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	8	85		10.1007/jhep08(2025)085	WoS
146	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for vector-like leptons with long-lived particle decays in the CMS muon system in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	8	156		10.1007/jhep08(2025)156	WoS
147	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Elliptic anisotropy measurement of the $\Lambda_c(980)$ hadron in proton-lead collisions and evidence for its quark-antiquark composition	Nature Communications	2025	16	1	7990		10.1038/s41467-025-56200-6	WoS
148	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Observation of a pseudoscalar excess at the top quark pair production threshold	Reports on Progress in Physics	2025	88	8	087801		10.1088/1361-6633/ad7d3	WoS
149	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Operation and performance of the CMS silicon strip tracker with proton-proton collisions at the CERN LHC	Journal of Instrumentation	2025	20	08	P08027		10.1088/1748-0221/20/08/p08027	WoS
150	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of WWZ and ZH production cross sections at $\sqrt{s} = 13$ and 13.6 TeV	Physical Review Letters	2025	135	9	091802		10.1103/6z3d-zjw4	WoS
151	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Observation of the charged-particle multiplicity dependence of $\sigma_{\psi_{\pm}\psi_{\pm}/\sigma_{\psi_{\pm}\psi_{\pm}}}$ in pPb collisions at 8.16 TeV	Physical Review Letters	2025	135	9	092301		10.1103/c9wp-5tq3	WoS
152	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurements of inclusive and differential Higgs boson production cross sections at $\sqrt{s} = 13.6$ TeV in the $H \rightarrow \gamma\gamma$ decay channel	Journal of High Energy Physics	2025	2025	9	70		10.1007/jhep09(2025)070	WoS
153	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Small- x evolution of gluon fields from incoherent J/ψ photoproduction in ultraperipheral PbPb collisions	Physical Review Letters	2025	135	11	112301		10.1103/w9kp-f8xr	WoS
154	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for dark matter production in association with a single top quark in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	9	141		10.1007/jhep09(2025)141	WoS
155	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of the W boson decay branching fraction ratio $\mathcal{B}(W \rightarrow c\bar{q})/\mathcal{B}(W \rightarrow q\bar{q})$ in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Letters B	2025	868		139754		10.1016/j.physletb.2025.139754	WoS
156	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Observation of Λ hyperon local polarization in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV	Physical Review Letters	2025	135	13	132301		10.1103/6ywg-gm61	WoS

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157	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for a heavy pseudoscalar Higgs boson decaying to a 125 GeV Higgs boson and a Z boson in final states with two tau and two light leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	10	74		10.1007/jhep10(2025)074	WoS
158	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for the rare decay $D^0 \rightarrow \mu^+ \mu^-$ in proton-proton collisions at $\sqrt{s} = 13.6$ TeV	Physical Review Letters	2025	135	15	151803		10.1103/zc76-rgrp	WoS
159	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Study of same-sign W boson scattering and anomalous couplings in events with one tau lepton from pp collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	10	219		10.1007/jhep10(2025)219	WoS
160	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for top squarks in final states with many light-flavor jets and 0, 1, or 2 charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025	10	236		10.1007/jhep10(2025)236	WoS
161	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for CP violation in events with top quarks and Z bosons at $\sqrt{s} = 13$ and 13.6 TeV	Physics Letters B	2025		869	139857		10.1016/j.physletb.2025.139857	WoS
162	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	A method for correcting the substructure of multiprong jets using the Lund jet plane	Journal of High Energy Physics	2025	2025	11	38		10.1007/jhep11(2025)038	WoS
163	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Levchenko P., Murzin V., Oreshkin V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Performance of heavy-flavour jet identification in Lorentz-boosted topologies in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of Instrumentation	2025		20	P11006		10.1088/1748-0221/20/11/p11006	WoS
164	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Amplitude analysis of $B \rightarrow \psi(2S)K \pi \pi^-$ decays	Journal of High Energy Physics	2025		01	054		10.1007/JHEP01(2025)054	WoS
165	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of CP violation in $B^0 \rightarrow D^+ D^-$ and $B_s^0 \rightarrow D_s^+ D_s^-$ decays	Journal of High Energy Physics	2025		01	061		10.1007/JHEP01(2025)061	WoS
166	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of D^0 - $\bar{D}^0$ mixing and search for CP violation with $D^0 \rightarrow K^+ \pi^-$ decays	Physical Review D	2025		111	012001		10.1103/PhysRevD.111.012001	WoS
167	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of Exotic $J/\psi \phi$ Resonant Structure in Diffractive Processes in Proton-Proton Collisions	Physical Review Letters	2025		134	031902		10.1103/PhysRevLett.134.031902	WoS
168	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Search for $B(s)^* 0 \rightarrow \mu^+ \mu^-$ in $Bc^+ \rightarrow \pi^+ \mu^+ \mu^-$ decays	European Physical Journal C	2025		85	20		10.1140/epjc/s10052-024-13573-0	WoS
169	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of the Branching Fraction Ratios $R(D^+)$ and $R(D^{*+})$ Using Muonic τ Decays	Physical Review Letters	2025		134	061801		10.1103/PhysRevLett.134.061801	WoS
170	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of the Open-Charm Tetraquark Candidate $T_{cs} 0^*(2870) 0$ in the $B^- \rightarrow D^- D_{KS} 0$ Decay	Physical Review Letters	2025		10	101901		10.1103/PhysRevLett.134.101901	WoS
171	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Study of Λ_b^0 and Ξ_b^0 Decays to $\Lambda h^+ h^-$ and Evidence for CP Violation in $\Lambda_b^0 \rightarrow \Lambda K^+ K^-$ Decays	Physical Review Letters	2025		10	101802		10.1103/PhysRevLett.134.101802	WoS

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172	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	First Evidence for Direct CP Violation in Beauty to Charmonium Decays	Physical Review Letters	2025	10		101801		10.1103/PhysRevLett.134.101801	WoS
173	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Constraints on the photon polarisation in $b \rightarrow s\gamma$ transitions using $B_s^0 B_s^0 \rightarrow \phi e^+ e^-$ decays	Journal of High Energy Physics	2025	3		047		10.1007/JHEP03(2025)047	WoS
174	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of $\phi(1020)$ meson production in fixed-target pNe collisions at sNNNN = 68.5 GeV	Journal of High Energy Physics	2025	3		151		10.1007/JHEP03(2025)151	WoS
175	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of the CKM angle γ in $B_{\pm} \rightarrow DK^*(892)_{\pm}$ decays	Journal of High Energy Physics	2025	2		113		10.1007/JHEP02(2025)113	WoS
176	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	First Determination of the Spin-Parity of $\Xi_c(3055)^+, 0$ Baryons	Physical Review Letters	2025	8		081901		10.1103/PhysRevLett.134.081901	WoS
177	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of exclusive J/ψ and $\psi(2S)$ production at $\sqrt{s}=13$ TeV	SciPost Physics	2025	18	2	071		10.21468/SciPostPhys.18.2.071	WoS
178	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of CP asymmetry in $B_s^0 \rightarrow D_s^{\pm} K^{\pm}$ decays	Journal of High Energy Physics	2025	3		139		10.1007/JHEP03(2025)139	WoS
179	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Search for charge-parity violation in semileptonically tagged $D^0 \rightarrow K^+ \pi^-$ decays	Journal of High Energy Physics	2025	3		149		10.1007/JHEP03(2025)149	WoS
180	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Test of Lepton Flavor Universality with $B_s^0 \rightarrow \phi \ell^+ \ell^-$ Decays	Physical Review Letters	2025	134	12	121803		10.1103/PhysRevLett.134.121803	WoS
181	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Branching fraction measurement of the decay $B^+ \rightarrow \psi(2S) \phi(1020) K^+$	Physical Review D	2025	111	9	092008		10.1103/PhysRevD.111.092008	WoS
182	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of the multiplicity dependence of Υ production ratios in pp collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	05		011		10.1007/JHEP05(2025)011	WoS
183	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Search for D^0 meson decays to $\pi^+ \pi^- e^+ e^-$ and $K^+ K^- e^+ e^-$ final states	Physical Review D	2025	111	9	L091101		10.1103/PhysRevD.111.L091101	WoS
184	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Search for resonance-enhanced CP and angular asymmetries in the $\Lambda_c^+ \rightarrow p \mu^+ \mu^-$ decay at LHCb	Physical Review D	2025	111	9	L091102		10.1103/PhysRevD.111.L091102	WoS
185	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Study of $D_s 1(2460)^+ \rightarrow D_s^+ \pi^+ \pi^-$ in $B \rightarrow D^*(*) D_s^+ \pi^+ \pi^-$ decays	Science Bulletin	2025	70	9	1432		10.1016/j.scib.2025.02.025	WoS
186	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Study of light-meson resonances decaying to $K_S^0 K \pi$ in the $B \rightarrow (K_S^0 K \pi) K$ channels	Physical Review D	2025	111	9	092009		10.1103/PhysRevD.111.092009	WoS

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187	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Angular analysis of $B^0 \rightarrow K^*0 e^+ e^-$ decays	Journal of High Energy Physics	2025	6		140		10.1007/JHEP06(2025)140	WoS
188	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of CP asymmetries in $\Lambda b^0 \rightarrow p h^-$ decays	Physical Review D	2025	111	9	092004		10.1103/PhysRevD.111.092004	WoS
189	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Search for the $B_c^+ \rightarrow \chi_{c1}(3872)\pi^+$ decay	Journal of High Energy Physics	2025	6		013		10.1007/jhep06(2025)013	WoS
190	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Angular analysis of the decay $B_s^0 \rightarrow \phi e^+ e^-$	Journal of High Energy Physics	2025	07		069		10.1007/JHEP07(2025)069	WoS
191	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Evidence for $B^- \rightarrow D^{*-0} \tau^- \nu_\tau^-$ Decays	Physical Review Letters	2025	135	2	021802		10.1103/rj9h-n4w1	WoS
192	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of the decay $B_s^0 \rightarrow K^0 p p^-$ and measurement of the $B(s)^0 \rightarrow K^0 p p^-$ branching fractions	Journal of High Energy Physics	2025	07		121		10.1007/JHEP07(2025)121	WoS
193	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of charge–parity symmetry breaking in baryon decays	Nature	2025	643	8074	1223		10.1038/s41586-025-09119-3	WoS
194	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of the $\Lambda b^0 \rightarrow J/\psi \Xi^- K^+$ and $\Xi b^0 \rightarrow J/\psi \Xi^- \pi^+$ decays	The European Physical Journal C	2025	85		812		10.1140/epjc/s10052-025-14129-6	WoS
195	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of the very rare $\Sigma^+ \rightarrow p \mu^+ \mu^-$ decay	Physical Review Letters	2025	135	5	051801		10.1103/r3v2-kmmp	WoS
196	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of the Ω_{cc}^0 and Ξ_{cc}^0 baryon lifetimes using hadronic b-baryon decays	Journal of High Energy Physics	2025	2025	9	157		10.1007/JHEP09(2025)157	WoS
197	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Three-pion Bose-Einstein correlations measured in proton-proton collisions	Journal of High Energy Physics	2025	2025	8	174		10.1007/JHEP08(2025)174	WoS
198	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	First measurement of b-jet mass with and without grooming	Physics Letters B	2025	869		139854		10.1016/j.physletb.2025.139854	WoS
199	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	First observation of the $\Lambda b^0 \rightarrow \Lambda c^+ D_s^- K^+ K^-$ decay and search for pentaquarks in the $\Lambda c^+ D_s^-$ system	Physical Review D	2025	112	5	052013		10.1103/b28d-z2xc	WoS
200	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurements of charmed meson and antimeson production asymmetries at $\sqrt{s}=13.6$ TeV	Journal of High Energy Physics	2025	10		050		10.1007/JHEP10(2025)050	WoS
201	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of the branching fraction ratio R_K at large dilepton invariant mass	Journal of High Energy Physics	2025	7		198		10.1007/JHEP07(2025)198	WoS

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202	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of the Z-Boson Mass	Physical Review Letters	2025	135	16	161802		10.1103/yn7-qx1d	WoS
203	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Precision measurement of the $\Xi b 0$ baryon lifetime	Physical Review D	2025	112	5	052012		10.1103/sllb-p3j8	WoS
204	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Amplitude analysis of the $\Xi c^+ \rightarrow p K^- \pi^+$ decay and Ξc^+ baryon polarization measurement in semileptonic beauty-hadron decays	Physical Review D	2025	112	9	092003		10.1103/gcft-fgp1	WoS
205	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Improved measurement of η/η' mixing in $B(s)0 \rightarrow J/\psi \eta(\prime)$ decays	Journal of High Energy Physics	2025	10		113		10.1007/JHEP10(2025)113	WoS
206	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Inclusive B-meson flavour-tagging algorithm at LHCb	Journal of High Energy Physics	2025	11		041		10.1007/JHEP11(2025)041	WoS
207	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of branching fractions and CP asymmetries in $\Lambda b 0 (\Xi b 0) \rightarrow p K S 0 h^-$ decays	Journal of High Energy Physics	2025	10		169		10.1007/JHEP10(2025)169	WoS
208	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of the Lund plane for light- and beauty-quark jets	Physical Review D	2025	112	7	072015		10.1103/r16d-b4my	WoS
209	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of the doubly-charmed-baryon decay $\Xi c c^{++} \rightarrow \Xi c 0 \pi^+ \pi^+$	Journal of High Energy Physics	2025	10		136		10.1007/JHEP10(2025)136	WoS
210	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Rapidity and multiplicity dependence of charged-particle flow in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV	Journal of High Energy Physics	2025	10		124		10.1007/JHEP10(2025)124	WoS
211	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Updated measurement of CP violation and polarisation in $B_s 0 \rightarrow J/\psi K^+ K^-(892) 0$ decays	Journal of High Energy Physics	2025	10		173		10.1007/JHEP10(2025)173	WoS
212	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Coherent photoproduction of $\rho 00, \omega$ and excited vector mesons in ultraperipheral PbPb collisions	Journal of High Energy Physics	2025	11		103		10.1007/JHEP11(2025)103	WoS
213	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Deuteron identification via time of flight with LHCb	The European Physical Journal C	2025	85		11		10.1140/epjc/s10052-025-14776-9	WoS
214	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of $\psi(2S)$ to J/ψ cross-section ratio as function of multiplicity in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV	Journal of High Energy Physics	2025	11		169		10.1007/JHEP11(2025)169	WoS
215	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of Orbitally Excited $B c^+$ States, Phys.Rev.Lett. 135 (2025) 2	Physical Review Letters	2025	135	23	231902		10.1103/fc8j-tb8k	WoS
216	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Search for the decay $B 0 0 \rightarrow \phi \phi$	Journal of High Energy Physics	2025	12		026		10.1007/JHEP12(2025)026	WoS

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217	Bondar N., Chubykin A., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Study of $B_c(1P)^+$ states in the $B_c+\gamma$ mass spectrum	Physical Review D	2025	112	11	112003		10.1103/1d49-q8h4	WoS
218	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Measurement of $(3\Lambda)H$ production in Pb-Pb collisions at $\sqrt{s}NN = 5.02$ TeV	Physics Letters B	2025	860		139066		10.1016/j.physletb.2024.139066	WoS
219	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Multiplicity dependence of Y production at forward rapidity in pp collisions at $\sqrt{s} = 13$ TeV	Nuclear Physics B	2025	1011		116786		10.1016/j.nuclphysb.2024.116786	WoS
220	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Investigating Λ baryon production in p-Pb collisions in jets and the underlying event using angular correlations	Physical Review C	2025	111		015201		10.1103/PhysRevC.111.015201	WoS
221	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Probing strangeness hadronization with event-by-event production of multistrange hadrons	Physical Review Letters	2025	134		022303		10.1103/PhysRevLett.134.022303	WoS
222	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Particle production as a function of charged-particle flattnicity in pp collisions at $\sqrt{s} = 13$ TeV	Physical Review D	2025	111		012010		10.1103/PhysRevD.111.012010	WoS
223	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Measurement of the production cross section of prompt $\Xi 0c$ baryons in p-Pb collisions at $\sqrt{s}NN = 5.02$ TeV	The European Physical Journal C	2025	85		86		10.1140/epjc/s10052-024-13531-w	WoS
224	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Measurement of the inclusive isolated-photon production cross section in pp collisions at $\sqrt{s} = 13$ TeV	The European Physical Journal C	2025	85		98		10.1140/epjc/s10052-024-13506-x	WoS
225	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Common femtoscopic hadron-emission source in pp collisions at the LHC	The European Physical Journal C	2025	85		198		10.1140/epjc/s10052-025-13793-y	WoS
226	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	First observation of strange baryon enhancement with effective energy in pp collisions at the LHC	Journal of High Energy Physics	2025	3		029		10.1007/JHEP03(2025)029	WoS
227	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Medium-induced modification of groomed and ungroomed jet mass and angularities in Pb-Pb collisions at $\sqrt{s}NN = 5.02$ TeV	Physics Letters B	2025	864		139409		10.1016/j.physletb.2025.139409	WoS
228	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Multimuons in cosmic-ray events as seen in ALICE at the LHC	Journal of Cosmology and Astroparticle Physics	2025					10.1088/1475-7516/2025/04/009	WoS
229	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Measurement of the inclusive isolated-photon production cross section in pp and Pb-Pb collisions at $\sqrt{s}NN = 5.02$ TeV	The European Physical Journal C	2025	85		553		10.1140/epjc/s10052-025-13971-y	WoS
230	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Proton emission in ultraperipheral Pb-Pb collisions at $\sqrt{s}NN = 5.02$ TeV	Physical Review C	2025	111		054906		10.1103/PhysRevC.111.054906	WoS
231	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	First Measurement of $A = 4$ Hypernuclei and Antihypernuclei at the LHC	Physical Review Letters	2025	134		162301		10.1103/PhysRevLett.134.162301	WoS

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232	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	First polarisation measurement of coherently photoproduced J/ψ in ultra-peripheral Pb–Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Physics Letters B	2025	865		139466		10.1016/j.physletb.2025.139466	WoS
233	Berdnikov Y., Burmasov N., Zhalov M., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Measurement of ω meson production in pp collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	2025		67		10.1007/JHEP04(2025)067	WoS
234	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	First measurement of $Ds_1(1+)(2536)^+$ and $D^*s_2(2+)(2573)^+$ production in proton–proton collisions at $\sqrt{s}=13$ TeV at the LHC	Physical Review D	2025	111		112005		10.1103/PhysRevD.111.112005	WoS
235	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Direct-photon production in inelastic and high-multiplicity proton–proton collisions at $\sqrt{s}=13$ TeV	Physics Letters B	2025	868		139645		10.1016/j.physletb.2025.139645	WoS
236	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Search for quasi-particle scattering in the quark-gluon plasma with jet splittings in pp and Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Physical Review Letters	2025	135		031901		10.1103/PhysRevLett.135.031901	WoS
237	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	System size and energy dependence of the mean transverse momentum fluctuations at the LHC	The European Physical Journal C	2025	85		776		10.1140/epjc/s10052-025-14325-4	WoS
238	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	J/ψ -hadron correlations at midrapidity in pp collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	7		23		10.1007/JHEP07(2025)023	WoS
239	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Higher-order symmetry plane correlations in Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Physical Review C	2025	111		064913		10.1103/px6t-29hf	WoS
240	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Investigating the $p\text{-}\pi^\pm$ and $p\text{-}p\text{-}\pi^\pm$ dynamics with femtoscopy in pp collisions at $\sqrt{s}=13$ TeV	The European Physical Journal A	2025	61		194		10.1140/epja/s10050-025-01615-4	WoS
241	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	First measurement of symmetric cumulants of hexagonal flow harmonics in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Physical Review C	2025	112	2	024905		10.1103/4ltm-glqg	WoS
242	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Measurements of differential two-particle number and transverse momentum correlation functions in pp collisions at $\sqrt{s} = 13$ TeV	The European Physical Journal C	2025	85		866		10.1140/epjc/s10052-025-14531-0	WoS
243	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Light neutral-meson production in pp collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	08		035		10.1007/JHEP08(2025)035	WoS
244	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Multiplicity-dependent inclusive J/ψ production at forward rapidity in pp collisions at $\sqrt{s}=13$ TeV	Journal of High Energy Physics	2025	07		238		10.1007/JHEP07(2025)238	WoS
245	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Charged-particle multiplicity distributions over a wide pseudorapidity range in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	The European Physical Journal C	2025	85		918		10.1140/epjc/s10052-025-14577-0	WoS
246	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khanzadeev A.	ALICE Collaboration	Measurement of correlations among net-charge, net-proton, and net-kaon multiplicity distributions in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Journal of High Energy Physics	2025	8		210		10.1007/JHEP08(2025)210	WoS

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247	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khazadeev A.	ALICE Collaboration	Measurement of ω meson production in pp and p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Physical Review C	2025	112		044904		10.1103/ls6w-x1bb	WoS
248	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khazadeev A.	ALICE Collaboration	Exploring nuclear structure with multiparticle azimuthal correlations at the LHC	Physics Letters B	2025	869		139855		10.1016/j.physletb.2025.139855	WoS
249	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khazadeev A.	ALICE Collaboration	Dielectron production in central Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Physical Review C	2025	112		054906		10.1103/xl6m-vbqk	WoS
250	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khazadeev A.	ALICE Collaboration	Study of $\langle pT \rangle$ and its higher moments, and extracting the speed of sound in Pb–Pb collisions with ALICE	Journal of High Energy Physics	2025	11		76		10.1007/JHEP11(2025)076	WoS
251	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khazadeev A.	ALICE Collaboration	First measurement of D*+ vector spin alignment in Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Journal of High Energy Physics	2025	10		94		10.1007/JHEP10(2025)094	WoS
252	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khazadeev A.	ALICE Collaboration	Coherent J/ ψ photoproduction at midrapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Physics Letters B	2025	871		139952		10.1016/j.physletb.2025.139952	WoS
253	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khazadeev A.	ALICE Collaboration	Accessing the deuteron source with pion-deuteron femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Physical Review C	2025	112		064003		10.1103/mrp4-z4hh	WoS
254	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khazadeev A.	ALICE Collaboration	Measurement of isolated prompt photon production in pp and p-Pb collisions at the LHC	The European Physical Journal C	2025	85		1407		10.1140/epjc/s10052-025-14802-w	WoS
255	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khazadeev A.	ALICE Collaboration	Observation of deuteron and antideuteron formation from resonance-decay nucleons	Nature	2025	648		306	311	10.1038/s41586-025-09775-5	WoS
256	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khazadeev A.	ALICE Collaboration	Multiplicity dependence of Ξ^+c and Ξ^0c production in pp collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2025	12		038		10.1007/JHEP12(2025)038	WoS
257	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khazadeev A.	ALICE Collaboration	Femtoscopic study of the proton-proton and proton-deuteron systems in heavy-ion collisions at the LHC	Physics Letters B	2025	871		139921		10.1016/j.physletb.2025.139921	WoS
258	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khazadeev A.	ALICE Collaboration	Exclusive photoproduction of excited ρ mesons decaying to four pions in ultraperipheral Pb–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Physics Letters B	2025	872		140006		10.1016/j.physletb.2025.140006	WoS
259	Berdnikov Y., Burmasov N., Ivanov V., Kryshen E., Malaev M., Nikulin V., Riabov A., Riabov V., Ryabov Y., Khazadeev A.	ALICE Collaboration	D0-meson-tagged jet axes difference in proton-proton collisions at $\sqrt{s} = 5.02$ TeV	Physical Review D	2025	112		092012		10.1103/nt4q-7t77	WoS
260	Barsov S., Bulanova S., Egorov A., Fedin O., Golovtsov V., Kim V., Kiryanov A., Kuznetsova E., Maleev V., Malyshev M., Mosolova E., Sergeev A., Shavrin A., Skalnenkov, Solovtsov V., Sosnov D., Uvarov L., Zelenov A.	SPD Collaboration	Technical Design Report of the Spin Physics Detector at NICA	Natural Science Review	2024	1		1	325	10.48550/arXiv.2404.08317	WoS
261	Ivanishchev D., Khazadeev A., Kotov D., Malaev M., Riabov V., Riabov Y.	PHENIX Collaboration	Disentangling Centrality Bias and Final-State Effects in the Production of High-pT Neutral Pions Using Direct Photon in d+Au Collisions at $\sqrt{s_{NN}}=200$ GeV	Physical Review Letters	2025	134		022302		10.1103/PhysRevLett.134.022302	WoS

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262	Gavrikov Y., Ivanov Y.	LHC Crystal Collimation Collaboration	Crystal collimation of heavy-ion beams at the Large Hadron Collider	Physical Review Accelerators and Beams	2025	28		051001		10.1103/PhysRevAccelBeams.28.051001	WoS
263	A.E. Barzakh, P.L. Molkanov, D.V. Fedorov, M.D. Seliverstov	IDS Collaboration	β - and α -decay spectroscopy of 182Au	Physical Review C	2025	112		024328		10.1103/rf8d-v286	WoS
264	Barzakh A.E., Molkanov P.L., Fedorov D.V., Seliverstov M.D.	IDS Collaboration	Charge radii and electromagnetic moments of 214–218Bi: Exploring the “southern” border of the $Z > 82$ octupole-deformation region	Physical Review C	2025	112		034304		10.1103/sltw-g4d6	WoS
265	Barzakh A.E., Molkanov P.L., Fedorov D.V., Seliverstov M.D.	IDS Collaboration	Electromagnetic moments of 215,217Bi: Probing shell evolution beyond $N = 126$	Physics Letters B	2025	871		140013		10.1016/j.physletb.2025.140013	WoS
266	Барзах А.Е.	AGFA Collaboration	Observation of a new isomer in 185Au	Chinese Physics C	2025	49	8	084004	084004-6	10.1088/1674-1137/add70c	WoS
267	Molkanov P.L., Barzakh A.E., Fedorov D.V., Orlov S.Yu., Panteleev V.N., Seliverstov M.D., Tolichev V.S.	Molkanov P.L., Barzakh A.E., Fedorov D.V., Orlov S.Yu., Panteleev V.N., Seliverstov M.D., Tolichev V.S.	Studying the nuclear shape evolution at the ISOL facilities (IRIS, ISOLDE, IRINA) by in-source resonance ionization spectroscopy	Physics of Particles and Nuclei	2025	56		961	966	10.1134/S1063779624702599	WoS
268	Egorov A.Iu., Kim V.T.	Egorov A.Iu., Kim V.T.	Manifestation of asymptotic QCD effects in dijet production at Large Hadron Collider with 2.76 TeV	Physics of Elementary Particles and Atomic Nuclei Letters	2025	22	1	133			Springer
269	Kim V.T., Zelenov A.V.	Kim V.T., Zelenov A.V.	Diquarks for large-pT baryon production at high energy pp-collisions	Physics of Elementary Particles and Atomic Nuclei Letters	2025	22	1	131			Springer
270	Kim V.T., E.V. Kuznetsova, Sosnov D.E.	Kim V.T., E.V. Kuznetsova, Sosnov D.E.	Photon-Exchange Dominance over Pomeron in Forward Rapidity Gap Events in p-Pb Collisions at LHC	Physics of Elementary Particles and Atomic Nuclei Letters	2025	22	1	219	223	10.1134/S1547477124702133	Springer
271	Рябов А.Ю.	Бердников Я. А., Иванищев Д.А., Котов Д. О., Малаев М. В., Рябов А.Ю.	Возможности измерять свойства $\phi(1020)$ -мезона в столкновениях ядер висмута при энергии 9,2 ГэВ в ускорителе NICA на экспериментальной установке MPD	Научно-технические ведомости СПбГПУ. Физико-математические науки.	2025	18	1	129	141	10.18721/JPM.18111	Scopus
272	Berdnikov Ya.A., Ivanishchev D.A., Kotov D.O., Malaev M.V., Riabov A. Yu.	Berdnikov Ya. A., Ivanishchev D.A., Kotov D. O., Malaev M. V., Riabov A. Yu.	Feasibility Study for Resonance Reconstruction in Bi + Bi Collisions at $\sqrt{s_{NN}} = 9.2$ GeV in the MPD Detector at NICA	Physics of Particles and Nuclei Letters	2025	22	1	175	180	10.1134/S1547477124702054	WoS
273	Рябов А.Ю.	Бердников Я. А., Иванищев Д.А., Котов Д. О., Малаев М. В., Рябов А.Ю.	Возможности измерять свойства заряженных $K^*(892)$ -мезонов и $\Sigma(1385)$ -барионов в столкновениях ядер висмута при энергии 9,2 ГэВ в ускорителе NICA на экспериментальной установке MPD	Научно-технические ведомости СПбГПУ. Физико-математические науки.	2025	18	2	119	131	10.18721/JPM.18211	Scopus
274	Gusev Yu.I.	Guseva I.S., Gusev Yu.I.	Estimation of the Magnitude and Sign of the ROT Effect for 239, 241Pu, 241Am, and 245Cm Nuclei at Low Neutron Energy	Physics of Particles and Nuclei Letters	2025	22	2	246	250	10.1134/S1547477124702182	WoS

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275	Krivshich A.G.	Krivshich A.G.	The Strategy of Equipping the PIK Reactor Experimental Stations with Neutron Detection Systems	Physics of Particles and Nuclei	2025	56	2	195	209	10.1134/S1063779624701417	WoS