

Список публикаций за 2015 год
Лаборатории физики элементарных частиц

№ п/п	Дата выхода публикации	Выходные данные	Название публикации	Авторы	Примечания
<i>Публикации Web of Science</i>					
1.	Jan 21, 2015.	Phys.Rev. D91 (2015) 5, 052010.	Measurement of the ratio of inclusive cross sections $\sigma(pp^- \rightarrow Z+2 \text{ b jets}) / \sigma(pp^- \rightarrow Z+2 \text{ jets})$ in pp^- collisions at $s \sqrt{=}1.96 \text{ TeV}$.	M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	
2	Jan 21, 2015.	Phys.Rev. D91 (2015) 5, 052010.	The transverse momentum dependencies of charged kaon Bose-Einstein correlations in the SELEX experiment.	G.D. Alkhazov et al.	
3.	2015	Phys.Lett. B743 (2015) 6-14.	Measurement of the $W+b$ -jet and $W+c$ -jet differential production cross sections in pp^- collisions at $s \sqrt{=}1.96 \text{ TeV}$.	M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	
4.	2015	Phys.Rev. D91 (2015) 3, 032007.	Measurement of the electron charge asymmetry in $pp^- \rightarrow W+X \rightarrow e\nu +X$ decays in pp^- collisions at $s \sqrt{=}1.96 \text{ TeV}$.	M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	
5.	2015	Phys.Rev.Lett. 114 (2015) 051803.	Measurement of the Forward-Backward Asymmetry in the Production of $B \pm$ Mesons in pp^- Collisions at $s \sqrt{=}1.96 \text{ TeV}$.	M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	
6.	2015	Phys.Rev.Lett. 114 (2015) 6, 062001.	Measurement of the B^0 lifetime in the flavor-specific decay channel $B^0 \rightarrow D^- s \mu^+ \nu X$.	M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, <i>et al.</i>	
7.	Март-апрель, 2015	Ядерная физика N3-4.	Исследование структуры лёгких экзотических ядер методом упругого рассеяния протонов в инверсной кинематике.	Г.Д.Алхазов, А.А.Воробьёв. А.В.Добровольский, А.Г.Инглесси, Г.А.Королёв, А.В.Ханзадеев.	
8.	2015	Phys.Atom.Nucl. 78 (2015) 381-386 Yad.Fiz. 78 (2015) 411–416	Investigation of the structure of light exotic nuclei by proton elastic	G.D.Alkhazov, A.A/Vorobyov, A.V.Dobrovolsky, A.G.Inglessi,	

			scattering in inverse kinematics.	G.A.Korolev, A.V.Khanzadeev	
9.	2015	JINST 10 06, P06013.	Identification of beauty and charm quark jets at LHCb.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
10.	2015	Phys.Rev. D91 112014	A study of CP violation in $B \bar{\tau} \rightarrow Dh \bar{\tau} \quad h=K, \pi$ with the modes $D \rightarrow K \bar{\tau} \pi \pm \pi 0$ $D \rightarrow \pi + \pi - \pi 0$ and $D \rightarrow K + K - \pi 0$.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
11.	2015	JHEP 1506 (2015) 130	First observation and measurement of the branching fraction for the decay $B 0 s \rightarrow D^* \bar{\tau} s K \pm$.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
12.	2015	JHEP 1506 (2015) 115	Differential branching fraction and angular analysis of $\Lambda 0 b \rightarrow \Lambda \mu + \mu -$ Decays.	R. Aaij,... G.D. Alkhazov, N.F.Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
13.	2015	JHEP 1503 (2015) 022	Study of Z production in PbPb and pp collisions at $\sqrt{s} = 2.76$ TeV in the dimuon and dielectron decay channels.	S. Chatrchyan,... A.A. Vorobyov, Yu.M. Ivanov, V.L. Golovtsov, V.T. Kim, P.M. Levtchenko, V.A.Mursin, V.A. Oreshkin, I.B. Smirnov, V.V. Sulimov, L.N. Uvarov, S.A. Vavilov, An.A. Vorobyov, et al.	
14.	2015	Bull.Russ.Acad.Sci.Phys. 79 (2015) 482-486 Izv.Ross.Akad.Nauk Ser.Fiz. 79 (2015) 524-528	Studying the effect of nuclear matter on hard lepton-nucleus and hadron-nucleus interactions with the HARDPING Monte Carlo generator	Ya.A.Berdnikov, A.E.Ivanov, V.T.Kim, D.P.Suetin.	
15.	Jul 20, 2015.	Phys.Rev. D92 (2015) 052007.	Simultaneous Measurement of Forward-Backward Asymmetry and Top	V.M. Abazov,... G.D. Alkhazov, A.A. Lobodenko, P.V. Neustroev,	

			Polarization in Dilepton Final States from $t\bar{t}$ Production at the Tevatron.	Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, et al.	
16.	Jul 13, 2015.	Phys.Rev.Lett. 115 (2015) 072001,	Observation of J/ψ Resonances Consistent with Pentaquark States in $\Lambda^0 b \rightarrow J/\psi K^- p$ Decays.	R. Aaij,... G.D.Alkhazov, N.F. Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
17.	2015	Bull.Russ.Acad.Sci.Phys. 79 (2015) 925-929 Izv.Ross.Akad.Nauk Ser.Fiz. 79 (2015) 1032–1036.	Investigating the effect of a nuclear medium on hard lepton- and hadron-nucleus collisions using the HARDPING Monte Carlo event generator.	A.E. Ivanov, V.T. Kim, D.P. Suetin et al.	
18.	Jul 26, 2015.	JHEP 1509 (2015) 137.	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $s\sqrt{= 2.76}$ TeV.	A.E. Ivanov, V.T. Kim, D.P. Suetin et al.	
19.	Jul 26, 2015.	JHEP 1509 (2015) 137.	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $s\sqrt{= 2.76}$ TeV.	A.E. Ivanov, V.T. Kim, D.P. Suetin et al.	
20.	Jul 26, 2015.	JHEP 1509 (2015) 137.	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $s\sqrt{= 2.76}$ TeV.	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	
21.	Aug 13, 2015	Phys. Lett. B752 (2016) 18-26	Precise measurement of the top quark mass in dilepton decays using optimized neutrino weighting.	V.M. Abazov, ... G.D.Alkhazov, A.A. Lobodenko, P.V. Neustroev, Yu.A. Scheglov, L.N. Uvarov, S.L. Uvarov, et al.	
22.	Nov. 2015	JHEP 1511 (2015) 103.	Forward production of Y mesons in pp collisions at $s\sqrt{=7}$ and 8TeV.	R. Aaij,... G.D.Alkhazov, N.F. Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
23.	Okt. 2015	JHEP 1510 (2015) 172.	Measurement of forward J/ψ production cross-	R. Aaij,... G.D.Alkhazov, N.F. Bondar, A.A.	

			sections in pp collisions at $\sqrt{s}=13$ TeV.	Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
24.	Okt. 2015	JHEP 1510 (2015) 034.	First measurement of the differential branching fraction and CP asymmetry of the $B^{\pm} \rightarrow \pi^{\pm} \mu^{+} \mu^{-}$ decay.	R. Aaij,... G.D.Alkhazov, N.F. Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
25.	Nov. 2015	JHEP 1511 (2015) 082.	Measurement of CP violation parameters and polarisation fractions in $B^0 \rightarrow J/\psi K^{*0}$ decays.	R. Aaij,... G.D.Alkhazov, N.F. Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
26.	Okt. 2015	JHEP 1510 (2015) 055.	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S K^0 S$ decays.	R. Aaij,... G.D.Alkhazov, N.F. Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
27.	Okt. 2015	Phys.Rev.Lett. 115 (2015) 161802	Search for hidden-sector bosons in $B^0 \rightarrow K^{*0} \mu^{+} \mu^{-}$ decays.	R. Aaij,... G.D.Alkhazov, N.F. Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
28.	Okt. 2015	JHEP 1510 (2015) 053.	Measurement of the $B^0 \rightarrow \phi\phi$ branching fraction and search for the decay $B^0 \rightarrow \phi\phi'$.	R. Aaij,... G.D.Alkhazov, N.F. Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
29.	Okt. 2015	JINST 10 (2015) P10005.	B flavour tagging using charm decays at the LHCb experiment.	R. Aaij,... G.D.Alkhazov, N.F. Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
30.	Okt. 2015	Phys. Rev. D92	Measurement of the	R. Aaij,...	

		(2015) 072007.	branching fraction ratio $B(B + c \rightarrow \psi(2S)\pi^+) / B(B + c \rightarrow J/\psi\pi^+)$	G.D.Alkhazov, N.F. Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
31.	Okt. 2015	Phys. Rev. Lett. 115 (2015) 072001.	Observation of J/ψ Resonances Consistent with Pentaquark States in $\Lambda^0 b \rightarrow J/\psi K^- p$ Decays.	R. Aaij,... G.D.Alkhazov, N.F. Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
32.	Okt. 2015	JHEP 1509 (2015) 179.	Angular analysis and differential branching fraction of the decay $B^0 s \rightarrow \phi \mu^+ \mu^-$.	R. Aaij,... G.D.Alkhazov, N.F. Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
33.	Okt. 2015	Phys.Rev.Lett. 115 (2015) 111803 Phys.Rev.Lett. 115 (2015) 159901.	Measurement of the ratio of branching fractions $B(B^0 \rightarrow D^* + \tau^- \nu_\tau) / B(B^0 \rightarrow D^* + \mu^- \nu_\mu)$	R. Aaij,... G.D.Alkhazov, N.F. Bondar, A.A. Dzyuba, O.E. Maev, N.R. Sagidova, Yu.A. Shcheglov, A.A. Vorobyov, et al.	
34.	Nov. 2015	JHEP 1511 (2015) 018	Search for a charged Higgs boson in pp collisions at $\sqrt{s}=8\text{ TeV}$	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	
35.	Okt. 2015	JHEP 1509 (2015) 137	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $\sqrt{s} = 2.76\text{ TeV}$	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	
36.	Okt. 2015	Phys.Rev. D92 (2015) 072010	Limits on the Higgs boson lifetime and width from its decay to four charged leptons	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	
37.	Dec, 2015	Phys.Lett. B751 (2015) 143-163	Pseudorapidity distribution of charged hadrons in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	
38.	Okt. 2015	Phys.Rev. D92 (2015) 7, 072006	Search for supersymmetry with photons in pp collisions at $\sqrt{s} = 8\text{ TeV}$	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	

39.	Dec. 2015	Phys.Rev. D92 (2015) 112001	Production of leading charged particles and leading charged-particle jets at small transverse momenta in pp collisions at $s \sqrt{s} = 8 \text{ TeV}$	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	
40.	Nov. 2015	JHEP 1511 (2015) 071	Search for Neutral MSSM Higgs Bosons Decaying into A Pair of Bottom Quarks	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	
41.	Nov. 2015	Phys.Lett. B750 (2015) 494-519	Search for diphoton resonances in the mass range from 150 to 850 GeV in pp collisions at $s \sqrt{s} = 8 \text{ TeV}$	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	
42.	Okt. 2015	Eur.Phys.J. C75 (2015) 542	Measurement of the differential cross section for top quark pair production in pp collisions at $s \sqrt{s} = 8 \text{ TeV}$	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	
43.	Okt. 2015	JHEP 1510 (2015) 128	Comparison of the Z/gamma* + jets to gamma + jets cross sections in pp collisions at $\sqrt{s} = 8 \text{ TeV}$	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	
44.	Nov. 2015	Phys.Lett. B750 (2015) 154-175	Angular coefficients of Z bosons produced in pp collisions at $s \sqrt{s} = 8 \text{ TeV}$ and decaying to $\mu + \mu -$ as a function of transverse momentum and rapidity	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	
45.	Okt. 2015	Phys.Lett. B749 (2015) 187-209	Measurement of the Z boson differential cross section in transverse momentum and rapidity in proton-proton collisions at 8 TeV	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	
46.	Okt. 2015	JHEP 1510 (2015) 144	Search for a Higgs Boson in the Mass Range from 145 to 1000 GeV Decaying to a Pair of W or Z Bosons	V. Khachatryan, A.A. Vorobyov, V.T.Kim, L. Uvarov, et al.	

Публикации Лаборатории Релятивистской Ядерной Физики

ОФВЭ ПИЯФ за 2015 год в журналах

- 1. Testing the prototype detectors for the muon tracking system of the CBM experiment on the proton beam of the PNPI accelerator at high counting rates**
E.V. Atkin *et al.*. 2015. 6 pp.
Published in **Instrum.Exp.Tech. 58 (2015) 6, 726-731**
- 2. A study of the coordinate gas-filled detectors based on the Micromegas and Micromegas + GEM/TGEM technologies for the muon tracking system of the CBM experiment**
E.V. Atkin (Moscow Phys. Eng. Inst.) *et al.*. . 10 pp.
Published in **Instrum.Exp.Tech. 58 (2015) 5, 602-611, Prib.Tekh.Eksp. 2015 (2015) 5, 20-30**
- 3. Unique Spectrometer Experiments with the Super-FRS at FAIR**
J. Äystö *et al.*. 2015. 7 pp.
Published in **JPS Conf.Proc. 6 (2015) 020035**
- 4. Coherent $\psi(2S)$ photo-production in ultra-peripheral Pb Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration (Jaroslav Adam (Prague, Tech. U.) *et al.*). 13 pp.
Published in **Phys.Lett. B751 (2015) 358-370**
- 5. Precision measurement of the mass difference between light nuclei and anti-nuclei**
ALICE Collaboration (Jaroslav Adam (Prague, Tech. U.) *et al.*). 16 pp.
Published in **Nature Phys. 11 (2015) 10, 811-814**
- 6. Measurements of elliptic and triangular flow in high-multiplicity $^3\text{He}+\text{Au}$ collisions at $\sqrt{s_{NN}} = 200$ GeV**
PHENIX Collaboration (A. Adare (Colorado U.) *et al.*). 9 pp.
Published in **Phys.Rev.Lett. 115 (2015) 14, 142301**
- 7. ϕ meson production in d+Au collisions at $\sqrt{s_{NN}} = 200$ GeV**
PHENIX Collaboration (A. Adare (Colorado U.) *et al.*). 14 pp.
Published in **Phys.Rev. C92 (2015) 4, 044909**
- 8. One-dimensional pion, kaon, and proton femtoscopy in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration (Jaroslav Adam (Prague, Tech. U.) *et al.*). 15 pp.
Published in **Phys.Rev. C92 (2015) 5, 054908**

9. **Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration (Jaroslav Adam (Prague, Tech. U.) et al.). 37 pp.
Published in **JHEP 1509 (2015) 170**
10. **Investigation of the structure of light exotic nuclei by proton elastic scattering in inverse kinematics**
G.D. Alkhazov, A.A. Vorobyov, A.V. Dobrovolsky, A.G. Inglessi, G.A. Korolev, A.V. Khanzadeev. 2015. 6 pp.
Published in **Phys.Atom.Nucl. 78 (2015) 3, 381-386, Yad.Fiz. 78 (2015) 5, 411–416**
11. **Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at $\sqrt{s_{NN}} = 7$ TeV**
ALICE Collaboration (Jaroslav Adam (Prague, Tech. U.) et al.). 39 pp.
Published in **JHEP 1509 (2015) 148**
12. **Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
ALICE Collaboration (Jaroslav Adam (Prague, Tech. U.) et al.). 28 pp.
Published in **JHEP 1507 (2015) 051**
13. **Systematic study of charged-pion and kaon femtoscopy in Au + Au collisions at $\sqrt{s_{NN}} = 200$ GeV**
PHENIX Collaboration (A. Adare (Colorado U.) et al.). 21 pp.
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14. **A study of the coordinate gas-filled detectors based on the GEM and TGEM technologies for the muon tracking system of the CBM experiment**
E.V. Atkin (Moscow Phys. Eng. Inst.) et al.. 9 pp.
Published in **Instrum.Exp.Tech. 58 (2015) 2, 197-205, Prib.Tekh.Eksp. 2015 (2015) 2, 32-40**
15. **Measurement of pion, kaon and proton production in proton–proton collisions at $\sqrt{s_{NN}} = 7$ TeV**
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16. **Coherent p_0 photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
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17. **Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration (Jaroslav Adam (Prague, Tech. U.) et al.). 27 pp.
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18. **Measurement of dijet k_T in p–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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Published in **Phys.Lett. B746 (2015) 385-395**
19. **Measurement of charged jet production cross sections and nuclear modification in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration (Jaroslav Adam (Prague, Tech. U.) et al.). 14 pp.
Published in **Phys.Lett. B749 (2015) 68-81**
20. **Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
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21. **Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration (J. Adam (Prague, Tech. U.) et al.). 28 pp.
Published in **Phys.Rev. C91 (2015) 034906**
22. **Forward-backward multiplicity correlations in pp collisions at $\sqrt{s_{NN}} = 0.9, 2.76$ and 7 TeV**
ALICE Collaboration (Jaroslav Adam (Prague, Tech. U.) et al.). 23 pp.
Published in **JHEP 1505 (2015) 097**
23. **Centrality dependence of particle production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
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Published in **Phys.Rev. C91 (2015) 6, 064905**
24. **Systematic Study of Azimuthal Anisotropy in Cu+Cu and Au+Au Collisions at $\sqrt{s_{NN}} = 62.4$ and 200 GeV**
PHENIX Collaboration (A. Adare (Colorado U.) et al.).
Published in **Phys.Rev. C92 (2015) 3, 034913**
25. **Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s_{NN}} = 0.9, 2.76$ and 7 TeV**
ALICE Collaboration (Betty Bezverkhny Abelev (LLNL, Livermore) et al.). 24 pp.
Published in **Eur.Phys.J. C75 (2015) 4, 146**
26. **Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s_{NN}} = 7$ TeV**
ALICE Collaboration (Betty Bezverkhny Abelev (LLNL, Livermore) et al.). 33 pp.
Published in **Phys.Rev. D91 (2015) 11, 112012**
27. **Production of inclusive $Y(1S)$ and $Y(2S)$ in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**
ALICE Collaboration (Betty Bezverkhny Abelev (LLNL, Livermore) et al.). 13 pp.
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28. **Charged-pion cross sections and double-helicity asymmetries in polarized p+p collisions at $\sqrt{s_{NN}} = 200$ GeV**
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Published in **Phys.Rev. D91 (2015) 3, 032001**

29. **Search for dark photons from neutral meson decays in p+p and d + Au collisions at $\sqrt{s_{NN}} = 200$ GeV**
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Published in **Phys.Rev. C91 (2015) 3, 031901**
30. **Production of $\Sigma(1385)^\pm$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s_{NN}} = 7$ TeV**
ALICE Collaboration (Betty Bezverkhny Abelev (LLNL, Livermore) et al.). 30 pp.
Published in **Eur.Phys.J. C75 (2015) 1, 1**
31. **Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
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32. **Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
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Published in **Phys.Rev. D91 (2015) 1, 012001**
33. **Cross section for bb^- production via dielectrons in d+Au collisions at $\sqrt{s_{NN}} = 200$ GeV**
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35. **Heavy-quark production and elliptic flow in Au+Au collisions at $\sqrt{s_{NN}} = 62.4$ GeV**
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37. **Measurement of $Y(1S+2S+3S)$ production in p+p and Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV**
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Published in **Phys.Rev. C91 (2015) 2, 024913**
38. **$K^*(892)^0$ and $\phi(1020)$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV**
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