

**СПИСОК НАУЧНЫХ ТРУДОВ И УЧЕБНЫХ ИЗДАНИЙ
ПРЕПОДАВАТЕЛЕЙ ФИЛИАЛА «ПРОТВИНО» ГОСУДАРСТВЕННОГО
УНИВЕРСИТЕТА «ДУБНА» ЗА 2020 ГОД**

№ п/п	Автор(ы)	Название работы	Выходные данные
1.	Astafyeva M.P. (Zyateva O.A., Pitukhin E.A., Astafyeva M.P.)	Clustering of Scientific Activity of Faculty Staff Based on the Results of Publication Activity	Advances in Intelligent Systems and Computing. - Springer Nature Switzerland, 2020. - P.771-778. https://link.springer.com/chapter/10.1007%2F978-3-030-63319-6_71 (Scopus)
2.	Astafyeva M.P. (Pitukhin E., Astafyeva M., Astafyeva I.)	Methodology for Job Advertisements Analysis in the Labor Market in Metropolitan Cities: The Case Study of the Capital of Russia	Advances in Intelligent Systems and Computing. - Springer Verlag, 2020. - vol.1224. - P.413-429. - URL: https://link.springer.com/chapter/10.1007/978-3-030-51965-0_37 . - ISSN 21945357. (Scopus)
3.	Godizov A.A.	Two-Pomeron eikonal approximation for the high-energy elastic diffractive scattering of nucleons	Phys. Rev. D 101, 074028 (2020). WOS: 000527506300002 (Scopus, Web of Science)
4.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Reconstruction of signal amplitudes in the CMS electromagnetic calorimeter in the presence of overlapping proton-proton interactions	Journal of Instrumentation, 2020, 15(10), P10002 (Scopus)
5.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Search for a light charged Higgs boson in the $H^\pm \rightarrow cs$ channel in proton-proton collisions at $\sqrt{s}=13$ TeV search for a light charged Higgs Boson	Physical Review D, 2020, 102(7), 072001 (Scopus)
6.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Studies of Charm Quark Diffusion inside Jets Using Pb-Pb and pp Collisions at $\sqrt{s_{NN}}=5.02$ TeV	Physical Review Letters, 2020, 125(10), 102001 (Scopus)
7.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Dependence of inclusive jet production on the anti-k(T) distance parameter in pp collisions at $\sqrt{s}=13$ TeV	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 12, Номер статьи: 082 DOI: 10.1007/JHEP12(2020)082 Опубликовано: DEC 11 2020 (Web of Science)
8.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Inclusive search for highly boosted Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 12 Номер статьи: 85 DOI: 10.1007/JHEP12(2020)085 Опубликовано: DEC 11 2020 (Web of Science)
9.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W....	Observation of electroweak production of W gamma with two jets in proton-proton collisions at $\sqrt{s}=13$ TeV	PHYSICS LETTERS B Том: 811 Номер статьи: 135988 DOI: 10.1016/j.physletb.2020.135988 Опубликовано: DEC 10 2020 (Web of Science)

	Godizov A.A. et al.)		
10.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Measurement of single-diffractive dijet production in proton-proton collisions at root s=8 TeV with the CMS and TOTEM experiments	EUROPEAN PHYSICAL JOURNAL C Том: 80 Выпуск: 12 Номер статьи: 1164 DOI: 10.1140/epjc/s10052-020-08562 Опубликовано: DEC 2020 (Web of Science)
11.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Search for decays of the 125 GeV Higgs boson into a Z boson and a rho or phi meson	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 11 Номер статьи: 39 DOI: 10.1007/JHEP11(2020)039 Опубликовано: NOV 10 2020 (Web of Science)
12.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Studies of Charm Quark Diffusion inside Jets Using Pb-Pb and pp Collisions at root s(NN)=5.02 TeV	PHYSICAL REVIEW LETTERS Том: 125 Выпуск: 10 Номер статьи: 102001 DOI: 10.1103/PhysRevLett.125.102001 Опубликовано: SEP 3 2020 (Web of Science)
13.	Godizov A.A. (Zyla, P. A., Barnett, R. M., Beringer, J.... Godizov A.A. et al.)	REVIEW OF PARTICLE PHYSICS	PROGRESS OF THEORETICAL AND EXPERIMENTAL PHYSICS Том: 2020 Выпуск: 8 Номер статьи: 083C01 DOI: 10.1093/ptep/ptaa104 Опубликовано: AUG 2020 (Web of Science, Scopus)
14.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Measurement of quark- and gluon-like jet fractions using jet charge in PbPb and pp collisions at 5.02 TeV	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 7 Номер статьи: 115 DOI: 10.1007/JHEP07(2020)115 Опубликовано: JUL 17 2020 (Web of Science)
15.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Strange hadron production in pp and pPb collisions at root(NN)-N-s=5.02 TeV	PHYSICAL REVIEW C Том: 101Выпуск: 6 Номер статьи: 064906 DOI: 10.1103/PhysRevC.101.064906 Опубликовано: JUN 22 2020 (Web of Science)
16.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Determination of the strong coupling constant alpha(S)(m(Z)) from measurements of inclusive W-+/- and Z boson production cross sections in proton-proton collisions at root s=7 and 8 TeV	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 6 Номер статьи: 18 DOI: 10.1007/JHEP06(2020)018 Опубликовано: JUN 1 2020 (Web of Science)
17.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Measurements with silicon photomultipliers of dose-rate effects in the radiation damage of plastic scintillator tiles in the CMS hadron endcap calorimeter	JOURNAL OF INSTRUMENTATION Том: 15 Выпуск: 6 Номер статьи: P06009 DOI: 10.1088/1748-0221/15/06/P06009 Опубликовано: JUN 2020 (Web of Science)
18.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at root s = 7TeV (vol 78, 242, 2018)	EUROPEAN PHYSICAL JOURNAL C Том: 80 Выпуск: 5 Номер статьи: 441 DOI: 10.1140/epjc/s10052-020-7946-2 Опубликовано: MAY 18 2020 (Web of Science)

	al.)		
19.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Study of J/ψ meson production inside jets in pp collisions at $\sqrt{s}=8$ TeV The CM Collaboration	PHYSICS LETTERS B Том: 804 Номер статьи: 135409 DOI: 10.1016/j.physletb.2020.135409 Опубликовано: MAY 10 2020 (Web of Science)
20.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Search for high mass dijet resonances with a new background prediction method in proton-proton collisions at $\sqrt{s}=13$ TeV	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 5 Номер статьи: 033 DOI: 10.1007/JHEP05(2020)033 Опубликовано: MAY 8 2020 (Web of Science)
21.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Measurement of differential cross sections and charge ratios for t-channel single top quark production in proton-proton collisions at $\sqrt{s}=13$ TeV mml:mspace width="0.166667em" mml:mspace mml:mspace width="0.333333em" mml:mspace	EUROPEAN PHYSICAL JOURNAL C Том: 80 Выпуск: 5 DOI: 10.1140/epjc/s10052-020-7858-1 Опубликовано: MAY 6 2020 (Web of Science)
22.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Experimental study of different silicon sensor options for the upgrade of the CMS Outer Tracker	JOURNAL OF INSTRUMENTATION Том: 15 Выпуск: 4 Номер статьи: P04017 DOI: 10.1088/1748-0221/15/04/P04017 Опубликовано: APR 2020 (Web of Science)
23.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	A multi-dimensional search for new heavy resonances decaying to boosted WW, WZ, or ZZ boson pairs in the dijet final state at 13TeV	EUROPEAN PHYSICAL JOURNAL C Том: 80 Выпуск: 3 Номер статьи: 237 DOI: 10.1140/epjc/s10052-020-7773-5 Опубликовано: MAR 12 2020 (Web of Science)
24.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Observation of the $\Lambda(0)(b) \rightarrow J/\psi \Lambda$ phi decay in proton-proton collisions at $\sqrt{s}=13$ TeV	PHYSICS LETTERS B Том: 802 Номер статьи: 135203 DOI: 10.1016/j.physletb.2020.135203 Опубликовано: MAR 10 2020 (Web of Science)
25.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $\sqrt{s}=13$ TeV	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 3 Номер статьи: 025 DOI: 10.1007/JHEP03(2020)025 Опубликовано: MAR 4 2020 (Web of Science)
26.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Bose-Einstein correlations of charged hadrons in proton-proton collisions at $\sqrt{s}=13$ TeV	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 3 DOI: 10.1007/JHEP03(2020)014 Опубликовано: MAR 3 2020 (Web of Science, Scopus)

27.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Measurement of the top quark pair production cross section in dilepton final states containing one tau lepton in pp collisions at root s=13 TeV	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 2 Номер статьи: 191 DOI: 10.1007/JHEP02(2020)191 Опубликовано: FEB 28 2020 (Web of Science)
28.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Combined search for supersymmetry with photons in proton-proton collisions at root s=13 TeV	PHYSICS LETTERS B Том: 801 Номер статьи: 135183 DOI: 10.1016/j.physletb.2019.135183 Опубликовано: FEB 10 2020 (Web of Science)
29.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Measurement of electroweak production of a W boson in association with two jets in proton-proton collisions at root s=13 TeV	EUROPEAN PHYSICAL JOURNAL C Том: 80 Выпуск: 1 Номер статьи: 43 DOI: 10.1140/epjc/s10052-019-7585-7 Опубликовано: JAN 18 2020 (Web of Science)
30.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Measurement of the single top quark and antiquark production cross sections in the t channel and their ratio in proton-proton collisions at root s=13 TeV	PHYSICS LETTERS B Том: 800 Номер статьи: 135042 DOI: 10.1016/j.physletb.2019.135042 Опубликовано: JAN 10 2020 (Web of Science, Scopus)
31.	Godizov A.A. (Sirunyan, A. M., Tumasyan, A., Adam, W.... Godizov A.A. et al.)	Observation of nuclear modifications in W-+/- boson production in pPb collisions at root s(NN)=8.16 TeV	PHYSICS LETTERS B Том: 800 Номер статьи: 135048 DOI: 10.1016/j.physletb.2019.135048 Опубликовано: JAN 10 2020 (Web of Science, Scopus)
32.	Evsikov A., Kokovin V.A., Uvaysov S., Uvaysova S.	Event-based Cooperation of Functional Networking Components in Distributed Technological Systems	Conference MWENT 2020, Moscow, Russia, pp. 1-5, 2020 DOI: 10.1109/MWENT47943.2020.9067384 , Proc. of 2020 the IEEE International (Scopus)
33.	Евсиков А.А., Коковин В.А., Леонов А.П.	Автоматизированный электропривод с частотным управлением (учебное пособие)	Учебное пособие / Дубна: Гос. ун-т «Дубна», 2020. – 121 [1] с.
34.	Евсиков А.А., Коковин В.А., Леонов А.П.	Об особенностях структуры и настройки отечественных сервоприводов с векторным управлением	Журнал «Фундаментальные и прикладные проблемы техники и технологии», № 3 (341), 2020. – С. 122-130. (ВАК)
35.	Захарова Л.И.	«Основы финансовой грамотности» в рамках дополнительного образования и внеурочной деятельности обучающихся для лиц с ограниченными возможностями здоровья по слуху (Методические рекомендации)	Конкурсная работа, Региональный конкурс «Лучшая практика инклюзивного профессионального образования Московской области» 2020.
36.	Klimenko K.G. (Khunjua T.G., Klimenko K.G., Zhokhov R.N.)	Electrical neutrality and beta-equilibrium conditions in dense quark matter: generation of charged pion condensation by chiral imbalance	European Physical Journal C, Vol. 80, no.10 (2020) 995. doi:10.1140/epjc/s10052-020-08502-w (Scopus, Web of Science)
37.	Klimenko K.G. (Khunjua T.G., Klimenko K.G.,	The dual properties of chiral and isospin asymmetric dense quark matter formed of two-color quarks	Journal of High Energy Physics, Vol. 06 (2020) 148. doi:10.1007/JHEP06(2020)148. WOS: 0005545672500001. (Scopus, Web of Science)

	Zhokhov R.N.)		
38.	Klimenko K.G. (Khunjua T.G., Klimenko K.G., Zhokhov R.N.)	Dense Baryonic Matter and Applications of QCD Phase Diagram Dualities	Particles, Vol. 3, no. 1 (2020) 62-79. doi:10.3390/particles3010006 .
39.	Klimenko K.G. (Khunjua T.G., Klimenko K.G., Zhokhov R.N.)	The dual properties of two-color QCD with baryon, chiral and isospin densities	J. Phys. Conf. Ser., Vol. 1690, no. 1 (2020) 012098. doi:10.1088/1742- 6596/1690/1/012098 . (Scopus)
40.	Klimenko K.G. (Khunjua T.G., Klimenko K.G., Zhokhov R.N.)	Dense baryonic matter with chiral imbalance and charged pion condensation	Acta Phys. Polon. Supp., Vol. 14 (2021) 67. doi:10.5506/APhysPolBSupp.14.67 (Scopus)
41.	Kokovin V.A., Evsikov A.A., Uvaysov, S.U., Uvaysova S.S., Nefedov V.I.	Scanning Network for Solving Navigation Problems of Autonomous Vehicles	2020 International Conference on Electrotechnical Complexes and Systems (ICOECS), 27-30 Okt. 2020, Ufa, Russia, DOI: 10.1109/ICOECS50468.2020.9278405 p. 1-6. (Scopus)
42.	Kokovin V. (Terekhov V., Antonichev G. and all, Kokovin V.)	A system for monitoring beam losses at the IHEP U-70 accelerator	26th Russian Particle Accelerator Conference RUPAC 2018, Protvino, Russia (Scopus)
43.	Коковин В.А.	Интеллектуализация мехатронных модулей	Вестник Международного университета природы, общества и человека "Дубна". Серия: Естественные и инженерные науки 2020. № 1(46), С. 56 – 62 (РИНЦ)
44.	Леонова С.А.	О реализации игровой формы обучения на занятиях по английскому языку у студентов технического вуза	Проблемы и перспективы развития современной гуманитаристики: лингвистика, методика преподавания, культурология. Материалы Всероссийской научно- практической конференции. Редколлегия: Е.И. Абрамова (отв. ред.). М.: ИИУ МГОУ, 2020. — С.221-226. (РИНЦ)
45.	Леонова С.А.	Об обучении студентов инженерных специальностей работе с базовыми конструкциями научно-технического текста	В сборнике: Обучение иностранным языкам — современные проблемы и решения. Сборник материалов I Международной научно-практической конференции имени Е.Н. Солововой. Обнинск, 2020. С.680-684. (РИНЦ)
46.	Лобов И.В., Готман В.Г.	Адаптивная бесшовная потоковая трансляция в реальном времени над протоколом HTTP методом опережающей загрузки	Информационные технологии. 2020. Т. 26. № 3. С. 177-184. (ВАК)
47.	Маков П.В., Плешаков В.В.	Алмазное шлифование хромированной поверхности АСМ 28Б1-100	Российская научно-техническая конференция с международным участием. Инновационные технологии в электронике и приборостроении [Электронный ресурс]: Сборник докладов конференции «Инновационные технологии в электронике и приборостроении» Физико- технологического института РТУ МИРЭА. — М.: РТУ МИРЭА, 2020. — Т. 2., С. 224- 228
48.	Маков П.В.,	Потенциостатическая оценка	Российская научно-техническая

	Плешаков В.В.	коррозионной стойкости деталей после алмазного выглаживания	конференция с международным участием. Инновационные технологии в электронике и приборостроении [Электронный ресурс]: Сборник докладов конференции «Инновационные технологии в электронике и приборостроении» Физико-технологического института РТУ МИРЭА. — М.: РТУ МИРЭА, 2020. — Т. 2., С. 229-233
49.	Масликов А.А. (Волков Г.Г., Масликов А.А., Смуров С.В., Царьков А.Н.)	Тернарные симметрии о невидимом свете и темной материи Вселенной	Журнал «Известия Института инженерной физики», №1 (55), 2020. – С. 74-83. (ВАК)
50.	Myagkov A. (Aad, G., Abbott, B., Abbott, D.C., ...Zou, R., Zwalinski, L., Myagkov A. et al.)	Observation and measurement of forward proton scattering in association with lepton pairs produced via the photon fusion mechanism at ATLAS	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Sep 30, 2020) Published in: Phys.Rev.Lett. 125 (2020) 26, 261801 (Scopus, Web of Science)
51.	Myagkov A. (Aad, G., Abbott, B., Abbott, D. C., Myagkov A. et al.)	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum using $s = 13 \text{ TeV}$ proton-proton collisions recorded by ATLAS in Run 2 of the LHC	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Aug 13, 2020) Published in: JHEP 10 (2020) 062 (Web of Science)
52.	Myagkov A. (Aad, G., Abbott, B., Abbott, D.C., ...Zou, R., Zwalinski, L., Myagkov A. et al.)	Search for heavy resonances decaying into a photon and a hadronically decaying Higgs boson in ppppp collisions at $s = 13 \text{ TeV}$ with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Aug 13, 2020) Published in: Phys.Rev.Lett. 125 (2020) 251802 (Scopus)
53.	Myagkov A. (Aad, G., Abbott, B., Abbott, D. C., Myagkov A. et al.)	Evidence for $t\bar{t}t\bar{t}$ production in the multilepton final state in proton-proton collisions at $s = 13 \text{ TeV}$ with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jul 29, 2020) Published in: Eur.Phys.J.C 80 (2020) 11, 1085 (Web of Science)
54.	Myagkov A. (Aad, G., Abbott, B., Abbott, D.C., ...Zou, R., Zwalinski, L., Myagkov A. et al.)	Reconstruction and identification of boosted di- τ systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jul 29, 2020) Published in: JHEP 11 (2020) 163 (Scopus, Web of Science)
55.	Myagkov A. (Aad, G., Abbott, B., Abbott, D. C., Myagkov A. et al.)	Operation of the ATLAS trigger system in Run 2	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jul 24, 2020) Published in: JINST 15 (2020) 10, P10004 (Web of Science)
56.	Myagkov A. et al. (Aaboud, M., Aad, G., Abbott, B. Myagkov A. et al.)	A search for the dimuon decay of the Standard Model Higgs boson with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jul 15, 2020) Published in: Phys.Lett.B 812 (2021) 135980 (Web of Science)
57.	Myagkov A. (Aad, G., Abbott, B., Abbott, D.C., ...Zou, R., Zwalinski, L., Myagkov A. et al.)	Alignment of the ATLAS Inner Detector in Run-2	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jul 15, 2020) Published in: Eur.Phys.J.C 80 (2020) 12, 1194 (Scopus, Web of Science)

58.	Myagkov A. (Aad, G., Abbott, B., Abbott, D. C., Myagkov A. et al.)	Erratum to: Measurements of top-quark pair differential and double-differential cross-sections in the $\ell + \text{jets}$ channel with pp collisions at $s = 13$ TeV using the ATLAS detector	European Physical Journal C, 2020, 80(11), 1092 (Scopus, Web of Science)
59.	Myagkov A. (Aad, G., Abbott, B., Abbott, D.C., ...Zou, R., Zwalinski, L., Myagkov A. et al.)	Search for resonances decaying into a weak vector boson and a Higgs boson in the fully hadronic final state produced in proton-proton collisions at $s = 13 \sqrt{s} = 13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jul 13, 2020) Published in: Phys.Lett.B 810 (2020) 135797 (Scopus, Web of Science)
60.	Myagkov A. (Aaboud, M., Aad, G., Abbott, B., Myagkov A. et al.)	Search for pairs of scalar leptoquarks decaying into quarks and electrons or muons in $s \sqrt{s} s = 13$ TeV pppppp collisions with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jun 10, 2020) Published in: JHEP 10 (2020) 112 (Web of Science)
61.	Myagkov A. (Aad, G., Abbott, B., Abbott, D. C., Myagkov A. et al.)	Search for top squarks in events with a Higgs or ZZZ boson using 139 fb^{-1} of pppppp collision data at $s = 13 \sqrt{s} = 13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jun 10, 2020) Published in: Eur.Phys.J.C 80 (2020) 11, 1080 (Web of Science)
62.	Myagkov A. (Aad, G., Abbott, B., Abbott, D.C., ...Zou, R., Zwalinski, L., Myagkov A. et al.)	Search for Higgs boson decays into two new low-mass spin-0 particles in the 4bbb channel with the ATLAS detector using pppppp collisions at $s = 13 \sqrt{s} = 13$ TeV	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (May 25, 2020) Published in: Phys.Rev.D 102 (2020) 112006 (Scopus)
63.	Myagkov A. et al.	Performance of the missing transverse momentum triggers for the ATLAS detector during Run-2 data taking	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (May 19, 2020) Published in: JHEP 08 (2020) 080 (Web of Science)
64.	Myagkov A. et al.	A search for the $Z\gamma Z\gamma$ decay mode of the Higgs boson in pppppp collisions at $s \sqrt{s} s = 13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (May 11, 2020) Published in: Phys.Lett.B 809 (2020) 135754 (Scopus)
65.	Myagkov A. et al.	Search for $t\bar{t}$ resonances in fully hadronic final states in pppppp collisions at $s \sqrt{s} s = 13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (May 11, 2020) Published in: JHEP 10 (2020) 061 (Web of Science)
66.	Myagkov A. et al.	Performance of the upgraded PreProcessor of the ATLAS Level-1 Calorimeter Trigger	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (May 8, 2020) Published in: JINST 15 (2020) 11, P11016 (Web of Science)
67.	Myagkov A. et al.	Combination of the W boson polarization measurements in top quark decays using ATLAS and CMS data at $s = \sqrt{s} = 8$ TeV	CMS and ATLAS Collaborations Georges Aad (Marseille, CPPM) et al. (May 7, 2020) Published in: JHEP 08 (2020) 08, 051 (Web of Science)
68.	Myagkov A. et al.	Dijet resonance search with weak supervision using $s = 13 \sqrt{s} = 13$ TeV pppppp collisions in the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (May 6, 2020) Published in: Phys.Rev.Lett. 125 (2020) 13, 131801 (Web of Science)
69.	Myagkov A. et al.	Search for heavy diboson resonances in semileptonic final states in pppppp collisions at $s = 13 \sqrt{s} = 13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Apr 30, 2020) Published in: Eur.Phys.J.C 80 (2020) 12, 1165 (Web of Science)
70.	Myagkov A. et al.	Search for a scalar partner of the top quark	ATLAS Collaboration Georges Aad

		in the all-hadronic $t\bar{t}\{\bar{\}}t\bar{\}$ plus missing transverse momentum final state at $s=13\sqrt{s}=13s=13$ TeV with the ATLAS detector	(Marseille, CPPM) et al. (Apr 29, 2020) Published in: Eur.Phys.J.C 80 (2020) 8, 737 (Web of Science)
71.	Myagkov A. et al.	Performance of the ATLAS muon triggers in Run 2	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Apr 28, 2020) Published in: JINST 15 (2020) 09, P09015 (Web of Science)
72.	Myagkov A. et al.	Search for direct production of electroweakinos in final states with missing transverse momentum and a Higgs boson decaying into photons in pp collisions at $s\sqrt{s} s = 13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Apr 22, 2020) Published in: JHEP 10 (2020) 005 (Web of Science)
73.	Myagkov A. et al.	CP Properties of Higgs Boson Interactions with Top Quarks in the $t\bar{t}H\bar{t}H$ and $tHtH$ Processes Using $H\rightarrow\gamma\gamma$ with the ATLAS Detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Apr 9, 2020) Published in: Phys.Rev.Lett. 125 (2020) 6, 061802 (Web of Science)
74.	Myagkov A. et al.	Measurements of the Higgs boson inclusive and differential fiducial cross sections in the $4\ell\ell\ell$ decay channel at $s\sqrt{s} s = 13$ TeV	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Apr 8, 2020) Published in: Eur.Phys.J.C 80 (2020) 10, 942 (Web of Science)
75.	Myagkov A. et al.	Measurement of the Lund Jet Plane Using Charged Particles in 13 TeV Proton-Proton Collisions with the ATLAS Detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Apr 7, 2020) Published in: Phys.Rev.Lett. 124 (2020) 22, 222002 (Web of Science)
76.	Myagkov A. et al.	Search for Higgs Boson Decays into a ZZZ Boson and a Light Hadronically Decaying Resonance Using 13 TeV pppppp Collision Data from the ATLAS Detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Apr 3, 2020) Published in: Phys.Rev.Lett. 125 (2020) 22, 221802 (Scopus)
77.	Myagkov A. et al.	Search for long-lived, massive particles in events with a displaced vertex and a muon with large impact parameter in pppppp collisions at $s=13\sqrt{s} = 13s =13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Mar 26, 2020) Published in: Phys.Rev.D 102 (2020) 3, 032006 (Web of Science)
78.	Myagkov A. et al.	Measurements of the production cross-section for a ZZZ boson in association with bbb-jets in proton-proton collisions at $s=13\sqrt{s} = 13s =13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Mar 26, 2020) Published in: JHEP 07 (2020) 044 (Web of Science)
79.	Myagkov A. et al.	Measurement of azimuthal anisotropy of muons from charm and bottom hadrons in Pb+Pb collisions at $s_{NN}\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Mar 7, 2020) Published in: Phys.Lett.B 807 (2020) 135595 (Web of Science)
80.	Myagkov A. et al.	Higgs boson production cross-section measurements and their EFT interpretation in the $4l$ decay channel at $\sqrt{s}=13$ TeV with the ATLAS detector	EUROPEAN PHYSICAL JOURNAL C Том: 80 Выпуск: 10 Номер статьи: 957 Опубликовано: OCT 16 2020 (Web of Science)
81.	Myagkov A. et al.	Search for heavy Higgs bosons decaying into two tau leptons with the ATLAS detector using pppppp collisions at $s=13\sqrt{s}=13s=13$ TeV	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Feb 27, 2020) Published in: Phys.Rev.Lett. 125 (2020) 5, 051801 (Web of Science)
82.	Myagkov A. et al.	Search for dijet resonances in events with an isolated charged lepton using $s=13\sqrt{s} = 13s=13$ TeV proton-proton	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Feb 26, 2020) Published in: JHEP 06 (2020) 151

		collision data collected by the ATLAS detector	(Web of Science)
83.	Myagkov A. et al.	Observation of the associated production of a top quark and a ZZZ boson in pppppp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Feb 18, 2020) Published in: JHEP 07 (2020) 124 (Web of Science)
84.	Myagkov A. et al.	Test of CP invariance in vector-boson fusion production of the Higgs boson in the $H \rightarrow \tau\tau$ channel in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Feb 12, 2020) Published in: Phys.Lett.B 805 (2020) 135426 (Web of Science)
85.	Myagkov A. et al.	Search for the $HH \rightarrow b\bar{b}b\bar{b}$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jan 15, 2020) Published in: JHEP 07 (2020) 108 (Web of Science)
86.	Myagkov A. et al.	Measurement of soft-drop jet observables in pppppp collisions with the ATLAS detector at $\sqrt{s} = 13$ TeV	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Dec 20, 2019) Published in: Phys.Rev.D 101 (2020) 5, 052007 (Web of Science)
87.	Myagkov A. et al.	Measurement of isolated-photon plus two-jet production in pppppp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Dec 20, 2019) Published in: JHEP 03 (2020) 179 (Web of Science)
88.	Myagkov A. et al.	Search for chargino-neutralino production with mass splittings near the electroweak scale in three-lepton final states in $\sqrt{s} = 13$ TeV pppppp collisions with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Dec 18, 2019) Published in: Phys.Rev.D 101 (2020) 7, 072001 (Web of Science)
89.	Myagkov A. et al.	Measurement of the transverse momentum distribution of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Dec 5, 2019) Published in: Eur.Phys.J.C 80 (2020) 7, 616 (Web of Science)
90.	Myagkov A. et al.	Search for long-lived neutral particles produced in pppppp collisions at $\sqrt{s} = 13$ TeV decaying into displaced hadronic jets in the ATLAS inner detector and muon spectrometer	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Nov 28, 2019) Published in: Phys.Rev.D 101 (2020) 5, 052013 (Web of Science)
91.	Myagkov A. et al.	Searches for electroweak production of supersymmetric particles with compressed mass spectra in $\sqrt{s} = 13$ TeV pppppp collisions with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Nov 28, 2019) Published in: Phys.Rev.D 101 (2020) 5, 052005 (Web of Science)
92.	Myagkov A. et al.	Search for direct stau production in events with two hadronic τ -leptons in $\sqrt{s} = 13$ TeV pppppp collisions with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Nov 15, 2019) Published in: Phys.Rev.D 101 (2020) 3, 032009 (Web of Science)
93.	Myagkov A. et al.	Measurement of the azimuthal anisotropy of charged-particle production in Xe+Xe collisions at $\sqrt{s_{NN}} = 5.44$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Nov 12, 2019) Published in: Phys.Rev.C 101 (2020) 2, 024906 (Web of Science)
94.	Myagkov A. et al.	Measurement of the $Z(\rightarrow \ell\ell)\gamma$ production cross-section in pppppp collisions at	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Nov 12, 2019) Published in: JHEP 03 (2020) 054 (Web of Science)

		$s=13\sqrt{s} = 13s = 13 \text{ TeV}$ with the ATLAS detector	
95.	Myagkov A. et al.	ATLAS data quality operations and performance for 2015–2018 data-taking	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Nov 11, 2019) Published in: JINST 15 (2020) 04, P04003 (Web of Science)
96.	Myagkov A. et al.	Measurement of differential cross sections for single diffractive dissociation in $s=8\sqrt{s} = 8s=8 \text{ TeV}$ pppppp collisions using the ATLAS ALFA spectrometer	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Nov 1, 2019) Published in: JHEP 02 (2020) 042, JHEP 10 (2020) 182 (erratum) (Web of Science)
97.	Myagkov A. et al.	Transverse momentum and process dependent azimuthal anisotropies in $s_{NN}=8.16\sqrt{s_{\text{NN}}}=8.16 \text{ TeV}$ ppp+Pb collisions with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Oct 30, 2019) Published in: Eur.Phys.J.C 80 (2020) 1, 73 (Web of Science)
98.	Myagkov A. et al.	ZZZ boson production in Pb+Pb collisions at $s_{NN}\sqrt{s_{\text{NN}}}=5.02 \text{ TeV}$ measured by the ATLAS experiment	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Oct 29, 2019) Published in: Phys.Lett.B 802 (2020) 135262 (Web of Science)
99.	Myagkov A. et al.	Evidence for electroweak production of two jets in association with a $Z\gamma Z\gamma$ pair in pppppp collisions at $s=13\sqrt{s} = 13s = 13 \text{ TeV}$ with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Oct 21, 2019) Published in: Phys.Lett.B 803 (2020) 135341 (Web of Science)
100.	Myagkov A. et al.	Measurement of the $t\bar{t}$ production cross-section and lepton differential distributions in $e\mu e\mu$ dilepton events from pppppp collisions at $s=13 \text{ TeV}$ with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Oct 19, 2019) Published in: Eur.Phys.J.C 80 (2020) 6, 528 (Web of Science)
101.	Myagkov A. et al.	Search for new resonances in mass distributions of jet pairs using 139 fb^{-1} of pppppp collisions at $s=13\sqrt{s} = 13s = 13 \text{ TeV}$ with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Oct 18, 2019) Published in: JHEP 03 (2020) 145 (Web of Science)
102.	Myagkov A. et al.	Search for squarks and gluinos in final states with jets and missing transverse momentum using 139 fb^{-1} of $s=13 \text{ TeV}$ pppppp collision data with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Oct 14, 2019) Published in: PoS EPS-HEP2019 (2020) 605 Contribution to: EPS-HEP2019, 605 (Web of Science)
103.	Myagkov A. et al.	Determination of jet calibration and energy resolution in proton-proton collisions at $s=8 \text{ TeV}$ using the ATLAS detector	ATLAS Collaboration Morad Aaboud (Oujda U.) et al. (Oct 10, 2019) Published in: Eur.Phys.J.C 80 (2020) 12, 1104 (Web of Science)
104.	Myagkov A. et al.	Measurement of J/ψ production in association with a W^\pm boson with pppppp data at 8 TeV	ATLAS Collaboration Morad Aaboud (Oujda U.) et al. (Sep 30, 2019) Published in: JHEP 01 (2020) 095 (Web of Science)
105.	Myagkov A. et al.	Search for direct production of electroweakinos in final states with one lepton, missing transverse momentum and a Higgs boson decaying into two bbb-jets in pppppp collisions at $s=13\sqrt{s} = 13s = 13 \text{ TeV}$ with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Sep 23, 2019) Published in: Eur.Phys.J.C 80 (2020) 8, 691 (Web of Science)
106.	Myagkov A. et al.	Search for the Higgs boson decays $H \rightarrow e\bar{e}$ and $H \rightarrow \mu\bar{\mu}$ in pppppp collisions at $s=13\sqrt{s} = 13s = 13 \text{ TeV}$ with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Sep 23, 2019) Published in: Phys.Lett.B 801 (2020) 135148 (Web of Science)

		ATLAS detector	
107.	Myagkov A. et al.	Search for squarks and gluinos in final states with same-sign leptons and jets using 139 fb ⁻¹ of data collected with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Sep 18, 2019) Published in: JHEP 06 (2020) 046 (Web of Science)
108.	Myagkov A. et al.	Combined measurements of Higgs boson production and decay using up to 808080 fb ⁻¹ of proton-proton collision data at s=√s = 13 TeV collected with the ATLAS experiment	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Sep 6, 2019) Published in: Phys.Rev.D 101 (2020) 1, 012002 (Web of Science)
109.	Myagkov A. et al.	Measurement of azimuthal anisotropy of muons from charm and bottom hadrons in pppppp collisions at s=13√s = 13 TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Sep 4, 2019) Published in: Phys.Rev.Lett. 124 (2020) 8, 082301 (Web of Science)
110.	Myagkov A. et al.	Search for light long-lived neutral particles produced in pppppp collisions at s=√s = 13 TeV and decaying into collimated leptons or light hadrons with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Sep 3, 2019) Published in: Eur.Phys.J.C 80 (2020) 5, 450 (Web of Science)
111.	Myagkov A. et al.	Performance of electron and photon triggers in ATLAS during LHC Run 2	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Sep 2, 2019) Published in: Eur.Phys.J.C 80 (2020) 1, 47 (Web of Science)
112.	Myagkov A. et al.	Search for flavour-changing neutral currents in processes with one top quark and a photon using 81 fb ⁻¹ of pppppp collisions at s=13√s = 13 TeV with the ATLAS experiment	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Aug 22, 2019) Published in: Phys.Lett.B 800 (2020) 135082 (Web of Science)
113.	Myagkov A. et al.	Search for electroweak production of charginos and sleptons decaying into final states with two leptons and missing transverse momentum in s=13√s = 13 TeV pppppp collisions using the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Aug 22, 2019) Published in: Eur.Phys.J.C 80 (2020) 2, 123 (Web of Science)
114.	Myagkov A. et al.	Search for non-resonant Higgs boson pair production in the b \bar{b} lv \bar{v} bb \bar{b} final state with the ATLAS detector in pppppp collisions at s=13√s = 13 TeV	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Aug 19, 2019) Published in: Phys.Lett.B 801 (2020) 135145 (Web of Science)
115.	Myagkov A. et al.	Search for displaced vertices of oppositely charged leptons from decays of long-lived particles in pppppp collisions at s=√s = 13 TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jul 23, 2019) Published in: Phys.Lett.B 801 (2020) 135114 (Web of Science)
116.	Myagkov A. et al.	Measurement of the jet mass in high transverse momentum Z(→bb \bar{b})γZ(→bb \bar{b})γ production at s=13√s = 13 TeV using the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jul 16, 2019) Published in: Phys.Lett.B 812 (2021) 135991 (Web of Science)
117.	Myagkov A. et al.	Searches for lepton-flavour-violating decays of the Higgs boson in s=13√s = 13 TeV pp collisions with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jul 13, 2019) Published in: Phys.Lett.B 800 (2020) 135069 (Web of Science)
118.	Myagkov A. et al.	Search for heavy neutral Higgs bosons produced in association with bbb-quarks and decaying into bbb-quarks at s=13√s = 13 TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jul 5, 2019) Published in: Phys.Rev.D 102 (2020) 3, 032004 (Web of Science)

119.	Myagkov A. et al.	Measurement of long-range two-particle azimuthal correlations in ZZZ-boson tagged pppppp collisions at $s=8\sqrt{s}=\sqrt{s}=8$ and 13 TeV	ATLAS Collaboration Morad Aaboud (Oujda U.) et al. (Jun 19, 2019) Published in: Eur.Phys.J.C 80 (2020) 1, 64 (Web of Science)
120.	Myagkov A. et al.	Combination of searches for Higgs boson pairs in pppppp collisions at $s=\sqrt{s}=s=13$ TeV with the ATLAS detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (Jun 5, 2019) Published in: Phys.Lett.B 800 (2020) 135103 (Web of Science)
121.	Myagkov A. et al.	Search for Magnetic Monopoles and Stable High-Electric-Charge Objects in 13 TeV Proton-Proton Collisions with the ATLAS Detector	ATLAS Collaboration Georges Aad (Marseille, CPPM) et al. (May 24, 2019) Published in: Phys.Rev.Lett. 124 (2020) 3, 031802 (Web of Science)
122.	Myagkov A. et al.	Fluctuations of anisotropic flow in Pb+Pb collisions at $s_{NN} \sqrt{\langle \mathcal{M}^2 \rangle} = s_{NN}$ $s_{NN} = 5.02$ TeV with the ATLAS detector	ATLAS Collaboration Morad Aaboud (Oujda U.) et al. (Apr 9, 2019) Published in: JHEP 01 (2020) 051 (Web of Science)
123.	Myagkov A. et al.	Measurements of top-quark pair spin correlations in the $e\mu e\mu$ channel at $s=13\sqrt{s}=13s=13$ TeV using pppppp collisions in the ATLAS detector	ATLAS Collaboration Morad Aaboud (Oujda U.) et al. (Mar 18, 2019) Published in: Eur.Phys.J.C 80 (2020) 8, 754 (Web of Science)
124.	Нурматова Е.В. (Бажанов Л.Д., Нурматова Е.В., Халабия Р.Ф.)	Обеспечение защиты летательных аппаратов активными помехами от радиоэлектронных средств различного базирования	Сборник докладов РНТК "Инновационные технологии в электронике и приборостроении" М.: (16-17 апреля 2020г.), 2020. - С.180-185.
125.	Сасов А.М.	Ракетный бум XX века	М.: Вече. 2020 – 352 с. – (Военные тайны XX века).
126.	Сасов А.М.	Расходомеры для автоматизации бункерных загрузочных устройств	Известия Тульского государственного университета. Технические науки. 2020. № 10. С. 483 – 488. (ВАК)
127.	Сасов А.М.	Управляемый генератор импульсов	Патент на изобретение RU 2715547 C1, 28.02.2020. Заявка № 2019139568 от 04.12.2019. (РИНЦ)
128.	Slabospitsky S. (Ilyushin M., P. Mandrik P., Slabospitsky S.)	Constraints on the Higgs boson anomalous FCNC interactions with light quarks	Nucl. Phys. B952 (2020), 114921, doi:10.1016/j.nuclphysb.2020.114921, [arXiv:1905.03906 [hep-ph]] (Scopus)
129.	Sokolov A. (Nayak M., ... Sokolov A. et al.)	Measurement of the charm-mixing parameter γ_{CP} in $D_0 \rightarrow KS_0 \omega$ decays at Belle	Phys. Rev. D 102, 071102 (2020) (Scopus, Web of Science)
130.	Sokolov A. (Caria G., ... Sokolov A. et al.)	Measurement of $R(D)$ and $R(D^*)$ with a semileptonic tagging method	Phys. Rev. Lett. 124, 161803 (2020) (Scopus, Web of Science)
131.	Sokolov A. (Chilikin K., ... Sokolov A. et al.)	First search for the $\eta_c(1D)$ in B decays at Belle	JHEP 2005, 034 (2020) (Scopus, Web of Science)
132.	Sokolov A. (Ku Y., ... Sokolov A. et al.)	Search for B_0 Decays to Invisible Final States ($+\gamma$) at Belle	Phys. Rev. D 102, 012003 (2020) (Scopus, Web of Science)
133.	Sokolov A. (Chen Y., ... Sokolov A. et al.)	Dalitz analysis of $D_0 \rightarrow K-\pi+\eta$ decays at Belle	Phys. Rev. D 102, 012002 (2020) (Scopus)
134.	Sokolov A. (Li Y., ...)	Search for a doubly-charged DDK bound state in $\Upsilon(1S,2S)$ inclusive decays and via direct production in e^+e^- collisions at \sqrt{s}	Phys. Rev. D 102, 112001 (2020) (Scopus, Web of Science)

	Sokolov A. et al.)	= 10.520, 10.580, and 10.867 GeV	
135.	Sokolov A. (Yelton J., ... Sokolov A. et al.)	Study of Electromagnetic Decays of Orbitally Excited Ξ_c	Phys. Rev. D 102, 071103 ® (2020) (Scopus, Web of Science)
136.	Sokolov A. (Oskin P., ...A. Sokolov A. et al.)	Search for transitions from $\Upsilon(4S)$ and $\Upsilon(5S)$ to $\eta_b(1S)$ and $\eta_b(2S)$ with emission of an ω meson	Phys. Rev. D 102, 092011 (2020) (Scopus, Web of Science)
137.	Sokolov A. (Sahoo D., ... Sokolov A. et al.)	Search for lepton-number- and baryon-number-violating tau decays at Belle	Phys. Rev. D 102, 111101 (2020) (Scopus)
138.	Soloviev V.O.	Constraint algebra in tetrad bigravity. Classical and Quantum Gravity	https://dx.doi.org/10.1088/1361-6382/abc523 26 pages
139.	Soloviev V.O.	The canonical structure of bigravity	https://arxiv.org/abs/2012.11545 , 10 pages
140.	Соловьев В.О. (Дворянинов С.В., Соловьев В.О.)	Архимед и астрофизика	Квант № 9 2020, стр. 2-9. https://doi.org/10.4213/kvant20200901
141.	Khokhlov Yu. (Eremeev D., Khokhlov Yu. et al.)	An Analog-to-Digital Converter Module with Signal Shape Digitization for the VES Experiment	Instruments and Experimental Techniques 63, p. 165–182 (2020). (Scopus, Web of Science)
142.	Khokhlov Yu. (Alexeev D., ...Khokhlov Yu. et al.)	Antiproton over proton and K- over K+ multiplicity ratios at high z in DIS	Phys. Lett. B807, 135600 (2020) (Scopus)
143.	Хохлов Ю.А. (Волков Е.В., Еремеев Д.Р.,... Хохлов Ю.А., Шумаков А.А.)	Модуль аналого-цифрового преобразователя с оцифровкой формы сигнала для эксперимента ВЕС	Приборы и техника эксперимента. 2020. № 2. С. 32-51. (ВАК)
144.	Chernoverskaya V.V. (Giang Van Thanh, Dao Anh Quan, Pham Le Quoc Khanh, Chernoverskaya V.V.)	Development of an algorithm for optimum placement of elements on the switching field of a printed unit according to temperature indicators using a self-organizing genetic algorithm (SOGA)	Information Innovative Technologies: Materials of the International scientific – practical conference. /Ed. Uvaysov S. U., Ivanov I.A. – M.: Association of graduates and employees of AFEA named after prof. Zhukovsky, 2020, pp.192-198 (РИИЦ)
145.	Черноверская В.В. (Увайсов С.У., Черноверская В.В., Лышов С.М., Фам Лэ Куок Хань, Увайсова А.С.)	Искусственная нейронная сеть в задаче диагностики дефектов конструкций печатных узлов электронных средств	Научные технологии. Том 21, № 10. 2020 г. С. 29-38 (ВАК)
146.	Черноверская В.В. (Лышов С.М., Увайсов С.У., Черноверская В.В., Фам Лэ.К.Х.)	Инженерная методика вибродиагностики конструкций бортовых радиоэлектронных средств	Научные технологии. Том 21, № 2-3. 2020 г. С. 17-28 (ВАК)
147.	Черноверская	Разработка метода теплового	Вестник Международного университета

	В.В. (Дао Ань Куан, Увайсов С.У., Черноверская В.В.)	диагностирования РЭС с применением искусственной нейронной сети	природы, общества и человека "Дубна". Серия: Естественные и инженерные науки 2020. № 1(46). С. 28-37 (РИНЦ)
148.	Черноверская В.В. (Занг Ван Тхань, Увайсов С.У., Черноверская В.В.)	Разработка метода оптимального размещения элементов на коммутационном поле печатного узла с целью обеспечения заданных тепловых режимов РЭС	Вестник Международного университета природы, общества и человека "Дубна". Серия: Естественные и инженерные науки 2020. № 1(46). С. 37-47 (РИНЦ)
149.	Черноверская В.В. (Фам Лэ Куок Хань, Увайсов С.У., Черноверская В.В.)	Разработка метода ударной диагностики для выявления дефектов электронных средств	Вестник Международного университета природы, общества и человека "Дубна". Серия: Естественные и инженерные науки 2020. № 1(46). С. 48-55 (РИНЦ)
150.	Черноверская В.В. (Занг Ван Тхань, Дао Ань Куан, Фам Лэ Куок Хань, Нгуен Вьет Данг, Нгуен Ван Туан, Черноверская В.В.)	Размещение элементов на печатном узле при надёжном проектировании электронных средств	Сборник трудов конференции «Инновационные, информационные и коммуникационные технологии» (ИНФО-2020), Сочи, 2020г. С. 144-148
151.	Черноверская В.В. (Глухов П.А., Ветрова В.В., Увайсова А.С., Черноверская В.В.)	Исследование тепловых процессов в 3d-печатных узлах электронных средств на примере линейного стабилизатора напряжения	Сборник трудов конференции «Инновационные, информационные и коммуникационные технологии» (ИНФО-2020), Сочи, 2020г. С. 216-222
152.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Measurement of $(2S)$ meson production in pp collisions at $\sqrt{s} = 7$ TeV	Eur. Phys. J. C80 (2020) no.1, 49 (Web of Science)
153.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Measurement of CP observables in $B^{\pm} \rightarrow DK^{\pm}$ and $B^{\pm} \rightarrow D\pi^{\pm}$ with $D \rightarrow K^0S^0$ decays	JHEP 06 (2020) 058 (Web of Science)
154.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Measurement of the branching fraction of the decay $B^0_s \rightarrow K^0S^0$	Phys. Rev. D 102 (2020) no.1, 012011 (Web of Science)
155.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Observation of a new baryon state in the $\Lambda^0_b \pi^+\pi^-$ mass spectrum	JHEP 06 (2020) 136 (Web of Science)
156.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Constraints on the $K^0S^0 \rightarrow \mu^+\mu^-$ branching fractions	Phys. Rev. Lett. 125 (2020) 23, 231801 (Web of Science)
157.	Yushchenko O. (Aaij R., ...	Measurement of V_{cb} with $B^0_s \rightarrow D^-s^+ \mu^+\nu_{\mu}$ decays	Phys. Rev. D101 (2020) 7, 072004 (Web of Science)

	Yushchenko O. et al.)		
158.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	First observation of excited Ω_b states	Phys. Rev. Lett. 124 (2020) 8, 082002 (Web of Science)
159.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	First observation of the decay $\Lambda_b(0)(b) \rightarrow \eta(c) (1S)\rho K(-)$	PHYSICAL REVIEW D Том: 102 Выпуск: 11 Номер статьи: 112012 DOI: 10.1103/PhysRevD.102.112012 Опубликовано: DEC 22 2020 (Web of Science)
160.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Measurement of the shape of the $B_s(0) \rightarrow D_s^{*-} \mu^{+} \nu(\mu)$ differential decay rate	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 12 Номер статьи: 144 DOI: 10.1007/JHEP12(2020)144 Опубликовано: DEC 22 2020 (Web of Science)
161.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Measurement of the relative branching fractions of $B^+ \rightarrow h^{+} h^{'+} h^{'-}$ decays	PHYSICAL REVIEW D Том: 102 Выпуск: 11 Номер статьи: 112010 DOI: 10.1103/PhysRevD.102.112010 Опубликовано: DEC 18 2020 (Web of Science)
162.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Observation of structure in the J/ψ -pair mass spectrum	SCIENCE BULLETIN Том: 65 Выпуск: 23 Стр.: 1983-1993 DOI: 10.1016/j.scib.2020.08.032 Опубликовано: DEC 15 2020 (Web of Science)
163.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Strong constraints on the $b \rightarrow s \gamma$ photon polarisation from $B^0 \rightarrow K^{*0} e^{+} e^{-}$ decays	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 12 Номер статьи: 81 DOI: 10.1007/JHEP12(2020)081 Опубликовано: DEC 11 2020 (Web of Science)
164.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Amplitude analysis of the $B^+ \rightarrow D^+ D^- K^+$ decay	PHYSICAL REVIEW D Том: 102 Выпуск: 11 Номер статьи: 112003 DOI: 10.1103/PhysRevD.102.112003 Опубликовано: DEC 7 2020 (Web of Science)
165.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Model-Independent Study of Structure in $B^+ \rightarrow D^+ D^- K^+$ Decays	PHYSICAL REVIEW LETTERS Том: 125 Выпуск: 24 Номер статьи: 242001 DOI: 10.1103/PhysRevLett.125.242001 Опубликовано: DEC 7 2020 (Web of Science)
166.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	The Coherent Production of the $(K^+ \pi^0)$ System by K^+ Beam on Copper Nuclei at the OKA Setup	JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS Том: 131 Выпуск: 6 Стр.: 928-939 DOI: 10.1134/S1063776120120018 Опубликовано: DEC 2020 (Web of Science)
167.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s(NN)}=8.16$ TeV	PHYSICAL REVIEW LETTERS Том: 125 Выпуск: 21 Номер статьи: 212001 DOI: 10.1103/PhysRevLett.125.212001 Опубликовано: NOV 20 2020 (Web of Science)
168.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Search for the doubly heavy Ξ_{bc0} baryon via decays to $D(0)\rho K(-)$	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 11 Номер статьи: 95 DOI: 10.1007/JHEP11(2020)095 Опубликовано: NOV 19 2020 (Web of Science)
169.	Yushchenko O. (Aaij R., ...	Study of the lineshape of the $\chi(c1)$ (3872) state	PHYSICAL REVIEW D Том: 102 Выпуск: 9 Номер статьи: 092005

	Yushchenko O. et al.)		DOI: 10.1103/PhysRevD.102.092005 Опубликовано: NOV 12 2020 (Web of Science)
170.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Searches for low-mass dimuon resonances	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 10 Номер статьи: 156 DOI: 10.1007/JHEP10(2020)156 Опубликовано: OCT 26 2020 (Web of Science)
171.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	First branching fraction measurement of the suppressed decay $\Xi(0)(c) \rightarrow \pi(-) \Lambda(+)(c)$	PHYSICAL REVIEW D Том: 102 Выпуск: 7 Номер статьи: 071101 DOI: 10.1103/PhysRevD.102.071101 Опубликовано: OCT 12 2020 (Web of Science)
172.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	First observation of the decay $B-0 \rightarrow D-0(D)\overline{\text{bar}}(0)K(+)\pi(-)$	PHYSICAL REVIEW D Том: 102 Выпуск: 5 Номер статьи: 051102 DOI: 10.1103/PhysRevD.102.051102 Опубликовано: SEP 22 2020 (Web of Science)
173.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Search for CP violation and observation of P violation in $\Lambda(0)(b) \rightarrow p \pi(-) \pi(+)$ decays	PHYSICAL REVIEW D Том: 102 Выпуск: 5 Номер статьи: 051101 DOI: 10.1103/PhysRevD.102.051101 Опубликовано: SEP 8 2020 (Web of Science)
174.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Precision measurement of the $B-c(+)$ meson mass	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 7 Номер статьи: 123 DOI: 10.1007/JHEP07(2020)123 Опубликовано: JUL 20 2020 (Web of Science)
175.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Measurement of CP-Averaged Observables in the $B-0 \rightarrow K\text{-star } 0 \mu(+)\mu(-)$ Decay	PHYSICAL REVIEW LETTERS Том: 125 Выпуск: 1 Номер статьи: 011802 DOI: 10.1103/PhysRevLett.125.011802 Опубликовано: JUL 2 2020 (Web of Science)
176.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Search for the lepton flavour violating decay $B+ \rightarrow K+\mu(-)\tau(+)$ using B_s20 decays	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 6 DOI: 10.1007/JHEP06(2020)129 Опубликовано: JUN 22 2020 (Web of Science)
177.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Observation of New $\Xi(0)(c)$ Baryons Decaying to $\Lambda K-(+)(c)-$	PHYSICAL REVIEW LETTERS Том: 124 Выпуск: 22 Номер статьи: 222001 DOI: 10.1103/PhysRevLett.124.222001 Опубликовано: JUN 4 2020 (Web of Science)
178.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Search for the Rare Decays $B-s(0) \rightarrow e(+)$ $e(-)$ and $B-0 \rightarrow e(+)$ $e(-)$	PHYSICAL REVIEW LETTERS Том: 124 Выпуск: 21 Номер статьи: 211802 DOI: 10.1103/PhysRevLett.124.211802 Опубликовано: MAY 27 2020 (Web of Science)
179.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Test of lepton universality with $\Lambda(0)(b) \rightarrow pK(-) l(+)l(-)$	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 5 Номер статьи: 40 DOI: 10.1007/JHEP05(2020)040 Опубликовано: MAY 11 2020 (Web of Science)
180.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Measurement of vertical bar V-cb vertical bar with $B-s(0) \rightarrow D-s(0)^*(0)-\mu(+)\nu(\mu)$ decays	PHYSICAL REVIEW D Том: 101 Выпуск: 7 Номер статьи: 072004 DOI: 10.1103/PhysRevD.101.072004 Опубликовано: APR 20 2020 (Web of Science)
181.	Yushchenko O.	Measurement off $f(s)/f(u)$ Variation with	PHYSICAL REVIEW LETTERS

	(Aaij R., ... Yushchenko O. et al.)	Proton-Proton Collision Energy and B-Meson Kinematics	Том: 124 Выпуск: 12 Номер статьи: 122002 DOI: 10.1103/PhysRevLett.124.122002 Опубликовано: MAR 26 2020 (Web of Science)
182.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Observation of the semileptonic decay $B^{+} \rightarrow p(\bar{p})\mu^{+}\nu(\mu)$	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 3 Номер статьи: 146 DOI: 10.1007/JHEP03(2020)146 Опубликовано: MAR 25 2020 (Web of Science)
183.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Isospin Amplitudes in $\Lambda(0)(b) \rightarrow J/\psi \Lambda(\Sigma(0))$ and $\Xi(0)(b) \rightarrow J/\psi \Xi(0)$ (Lambda) Decays	PHYSICAL REVIEW LETTERS Том: 124 Выпуск: 11 Номер статьи: 111802 DOI: 10.1103/PhysRevLett.124.111802 Опубликовано: MAR 17 2020 (Web of Science)
184.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Measurement of the $\eta(c)(1S)$ production cross-section in p p collisions at $\sqrt{s}=13\text{TeV}$	EUROPEAN PHYSICAL JOURNAL C Том: 80 Выпуск: 3 Номер статьи: 191 DOI: 10.1140/epjc/s10052-020-7733-0 Опубликовано: MAR 2 2020 (Web of Science)
185.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Determination of quantum numbers for several excited charmed mesons observed in $B^{-} \rightarrow D^{*}(+)\pi^{-}\pi^{-}$ decays	PHYSICAL REVIEW D Том: 101 Выпуск: 3 Номер статьи: 032005 DOI: 10.1103/PhysRevD.101.032005 Опубликовано: FEB 20 2020 (Web of Science)
186.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Precision measurement of the $\Xi(++)_{cc}$ mass	JOURNAL OF HIGH ENERGY PHYSICS Выпуск: 2 Номер статьи: 49 DOI: 10.1007/JHEP02(2020)049 Опубликовано: FEB 7 2020 (Web of Science)
187.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Measurement of $\Xi(++)_{cc}$ production in pp collisions at $\sqrt{s}=13\text{TeV}$	CHINESE PHYSICS C Том: 44 Выпуск: 2 Номер статьи: 022001 DOI: 10.1088/1674-1137/44/2/022001 Опубликовано: FEB 2020 (Web of Science)
188.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Search for $A' \rightarrow \mu^{+}\mu^{-}$ Decays	PHYSICAL REVIEW LETTERS Том: 124 Выпуск: 4 Номер статьи: 041801 DOI: 10.1103/PhysRevLett.124.041801 Опубликовано: JAN 29 2020 (Web of Science)
189.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Amplitude analysis of the $B^{+} \rightarrow \pi^{+}\pi^{+}\pi^{-}$ decay	PHYSICAL REVIEW D Том: 101 Выпуск: 1 Номер статьи: 012006 DOI: 10.1103/PhysRevD.101.012006 Опубликовано: JAN 21 2020 (Web of Science)
190.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Observation of Several Sources of CP Violation in $B^{+} \rightarrow \pi^{+}\pi^{+}\pi^{-}$ Decays	PHYSICAL REVIEW LETTERS Том: 124 Выпуск: 3 Номер статьи: 031801 DOI: 10.1103/PhysRevLett.124.031801 Опубликовано: JAN 21 2020 (Web of Science)
191.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Updated measurement of decay-time-dependent CP asymmetries in $D^{-0} \rightarrow K^{+}K^{-}$ and $D^{-0} \rightarrow \pi^{+}\pi^{-}$ decays	PHYSICAL REVIEW D Том: 101 Выпуск: 1 Номер статьи: 012005 DOI: 10.1103/PhysRevD.101.012005 Опубликовано: JAN 13 2020 (Web of Science)
192.	Yushchenko O. (Aaij R., ... Yushchenko O. et al.)	Search for the doubly charmed baryon Ξ^{+}_{cc}	SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY Том: 63 Выпуск: 2 Номер статьи: 221062 DOI: 10.1007/s11433-019-1471-8 Опубликовано: 2020 (Web of Science)

