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Публикации в 2021-2022 годах:

2022 г.

Статьи в составе коллаборации ALICE (число авторов от 1000 до 1999)

1. Measurement of beauty production via non-prompt D0 mesons in Pb-Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: J. High Energ. Phys. 2022, 126 (2022)

DOI: https://doi.org/10.1007/JHEP12(2022)126
ПРНД= 6.379*30*0.012 = 2.296

2.296

2. Study of very forward energy and its correlation with particle production at midrapidity in pp and p-Pb collisions at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: J. High Energ. Phys. 2022, 86 (2022)

DOI: https://doi.org/10.1007/JHEP08(2022)086

ПРНД= 6.379*30*0.012 = 2.296

4.592

3. Multiplicity dependence of charged-particle jet production in pp collisions at √s =13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Eur. Phys. J. C 82, 514 (2022).

DOI: https://doi.org/10.1140/epjc/s10052-022-10405-x

ПРНД= 4.991*30*0.012 = 1.797

6.389

4. Forward rapidity J/ψ production as a function of charged-particle multiplicity in pp collisions at √s = 5.02 and 13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: J. High Energ. Phys. 2022, 15 (2022)

DOI: https://doi.org/10.1007/JHEP06(2022)015

ПРНД= 6.379*30*0.012 = 2.296

8.685

5. Inclusive, prompt and non-prompt J/ψ production at midrapidity in p-Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: J. High Energ. Phys.2022, 11 (2022)

DOI: https://doi.org/10.1007/JHEP06(2022)011

ПРНД= 6.379*30*0.012 = 2.296

10.981

6. Measurements of the groomed and ungroomed jet angularities in pp collisions at √s = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: J. High Energ. Phys. 2022, 61 (2022)

DOI: https://doi.org/10.1007/JHEP05(2022)061

ПРНД= 6.379*30*0.012 = 2.296

13.277

7. Investigating charm production and fragmentation via azimuthal correlations of prompt D mesons with charged particles in pp collisions at √s =13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Eur.Phys.J.C 82 (2022) 4, 335, Eur.Phys.J.C 82 (2022) 335

DOI: https://doi.org/10.1140/epjc/s10052-022-10267-3

ПРНД= 4.991*30*0.012 = 1.797

15.074

8. Production of light (anti)nuclei in pp collisions at √s=5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Eur. Phys. J. C 82, 289 (2022)

DOI: https://doi.org/10.1140/epjc/s10052-022-10241-z

ПРНД= 4.991*30*0.012 = 1.797

16.871

9. Prompt and non-prompt J/ψ production cross sections at midrapidity in proton-proton collisions at √s = 5.02 and 13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: J. High Energ. Phys. 2022, 190 (2022)

DOI: https://doi.org/10.1007/JHEP03(2022)190

ПРНД= 6.379*30*0.012 = 2.296

19.167

10. Prompt D0, D+, and D*+ production in Pb–Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: J. High Energ. Phys. 2022, 174 (2022)

DOI: https://doi.org/10.1007/JHEP01(2022)174

ПРНД= 6.379*30*0.012 = 2.296

21.463

11. Measurement of inclusive charged-particle b-jet production in pp and p-Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: J. High Energ. Phys. 2022, 178 (2022)

DOI: https://doi.org/10.1007/JHEP01(2022)178

ПРНД= 6.379*30*0.012 = 2.296

23.759

12. Production of light (anti)nuclei in pp collisions at √s = 13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: J. High Energ. Phys. 2022, 106 (2022)

DOI: https://doi.org/10.1007/JHEP01(2022)106

ПРНД= 6.379*30*0.012 = 2.296

26.055

13. Measurement of anti-3He nuclei absorption in matter and impact on their propagation in the Galaxy.

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Nature Phys. (2022)

DOI: https://doi.org/10.1038/s41567-022-01804-8

ПРНД= 19.684*30*0.012 = 7.086

33.141

14. Nuclear modification factor of light neutral-meson spectra up to high transverse momentum in p-Pb collisions at √sNN = 8.16 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 827 (2022) 136943

DOI: https://doi.org/10.1016/j.physletb.2022.136943

ПРНД= 4.95*30*0.012 = 1.782

34.923

15. Recent quarkonium measurements with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Nucl.Part.Phys.Proc. 318-323 (2022) 17-21

DOI: https://doi.org/10.1016/j.nuclphysbps.2022.09.005

ПРНД= 0.356*30*0.012 = 0.128

35.051

16. Recent heavy-flavour measurements with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Nucl.Part.Phys.Proc. 318-323 (2022) 12-16

DOI: https://doi.org/10.1016/j.nuclphysbps.2022.09.005

ПРНД= 0.356*30*0.012 = 0.128

35.179

17. Recent Jet Measurements in ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Nucl.Part.Phys.Proc. 318-323 (2022) 22-26

DOI: https://doi.org/10.1016/j.nuclphysbps.2022.09.006

ПРНД= 0.356*30*0.012 = 0.128

35.307

18. Design and Test-Beam Results of the FoCal-H Demonstrator Prototype

ALICE Collaboration (Oct 27, 2022)

Published in: Instruments 6 (2022) 70

DOI: https://doi.org/10.3390/instruments6040070

ПРНД= 1.22*30*0.012 = 0.439

35.746

19. ALICE - ITS3 — A bent, wafer-scale CMOS detector

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Nucl.Instrum.Meth.A 1041 (2022) 167315

DOI: https://doi.org/10.1016/j.nima.2022.167315

ПРНД= 1.335*30*0.012 = 0.481

36.227

20. Constraining the Chiral Magnetic Effect with Charge-Dependent Azimuthal Correlations in ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Springer Proc.Phys. 277 (2022) 463-467

DOI: https://doi.org/10.1007/978-981-19-2354-8_85

ПРНД= 8*0.012 = 0.096

36.323

21. Search for the Chiral Magnetic Wave Using the ALICE Detector in Pb-Pb Collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Springer Proc.Phys. 277 (2022) 445-448 • Contribution to: 24th DAE-BRNS High Energy Physics Symposium, 445-448

DOI: https://doi.org/10.1007/978-981-19-2354-8_81

ПРНД= 8*0.012 = 0.096

36.419

22. Latest Results on Hadronic Resonance Production with ALICE at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Springer Proc.Phys. 277 (2022) 365-368 • Contribution to: 24th DAE-BRNS High Energy Physics Symposium, 365-368

DOI: https://doi.org/10.1007/978-981-19-2354-8_66

ПРНД= 8*0.012 = 0.096

36.515

23. Strangeness- and Rapidity-Dependent Studies in Small Systems with ALICE at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Springer Proc.Phys. 277 (2022) 479-482 • Contribution to: 24th DAE-BRNS High Energy Physics Symposium, 479-482

DOI: https://doi.org/10.1007/978-981-19-2354-8_88

ПРНД= 8*0.012 = 0.096

36.611

24. Fast Interaction Trigger for ALICE upgrade

ALICE Collaboration

Published in: Nucl.Instrum.Meth.A 1039 (2022) 167021 • Contribution to: VCI2022

DOI: https://doi.org/10.1016/j.nima.2022.167021

ПРНД= 1.335*30*0.012 = 0.481

37.092

25. The upgraded ALICE TPC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Nucl.Instrum.Meth.A 1039 (2022) 167023 • Contribution to: VCI2022

DOI: https://doi.org/10.1016/j.nima.2022.167023

ПРНД= 1.335*30*0.012 = 0.481

37.573

26. Development of the ITS3: A bent-silicon vertex detector for ALICE in the LHC Run 4

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Nucl.Instrum.Meth.A 1039 (2022) 166875 • Contribution to: VERTEX2021

DOI: https://doi.org/10.1016/j.nima.2022.166875

ПРНД= 1.335*30*0.012 = 0.481

38.054

27. Overview of Direct Photon and Neutral Meson Measurements with ALICE at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Moscow Univ.Phys.Bull. 77 (2022) 2, 173-175 • Contribution to: 20th Lomonosov Conference on Elementary Particle Physics, 173-175

DOI: https://doi.org/10.3103/S0027134922020163

ПРНД= 0.536*60*0.012 = 0.386

38.44

28. The ALICE Run 3 online/offline processing

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Nucl.Instrum.Meth.A 1038 (2022) 166954

DOI: https://doi.org/10.1016/j.nima.2022.166954

ПРНД= 1.335*30*0.012 = 0.481

38.921

29. Study of strangeness production in pp collisions as a function of multiplicity and effective energy with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Nuovo Cim.C 45 (2022) 4, 65 • Contribution to: SIF 2021, 65

DOI: https://doi.org/10.1393/ncc/i2022-22065-0

ПРНД= 8*0.012 = 0.096

39.017

30. Upgrade of the ALICE experiment beyond LHC Run 3

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Int.J.Mod.Phys.E 31 (2022) 08, 2240002

DOI: https://doi.org/10.1142/S021830132240002X

ПРНД= 0.924*30*0.012 = 0.333

39.35

31. Charm production and hadronisation in ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Rev.Mex.Fis.Suppl. 3 (2022) 3, 0308088

DOI: https://doi.org/10.31349/SuplRevMexFis.3.0308088

ПРНД= 1.75*30*0.012 = 0.630

39.98

32. Latest Results on (Anti-)Hypernuclei Production at the LHC with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Part.Nucl. 53 (2022) 2, 177-183

DOI: https://doi.org/10.1134/S1063779622020228

ПРНД= 0.786*30*0.012 = 0.283

40.263

33. Overview of Hadron and Jet Production Results from ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Part.Nucl. 53 (2022) 2, 316-325

DOI: https://doi.org/10.1134/S1063779622020666

ПРНД= 0.786*30*0.012 = 0.283

40.546

34. Studying the a0(980) tetraquark candidate using KS0 K± interactions in the LHC S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Rev.Mex.Fis.Suppl. 3 (2022) 3, 0308039

DOI: https://doi.org/10.31349/SuplRevMexFis.3.0308039

ПРНД= 1.75*30*0.012 = 0.630

41.176

35. Performance of the ALICE upgraded inner tracking system

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: JINST 17 (2022) 04, C04032

DOI: https://doi.org/10.1088/1748-0221/17/04/C04032

ПРНД= 1.121*30*0.012 = 0.404

41.58

36. Using machine learning for particle identification in ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: JINST 17 (2022) 07, C07016

DOI: https://doi.org/10.1088/1748-0221/17/07/C07016

ПРНД= 1.121*30*0.012 = 0.404

41.984

37. Installation, integration and first operating experiences of the ALICE ITS upgraded readout system

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: JINST 17 (2022) 04, C04003

DOI: https://doi.org/10.1088/1748-0221/17/04/C04003

ПРНД= 1.121*30*0.012 = 0.404

42.388

38. Recent results on ultra-peripheral collisions at the LHC with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Apr 1, 2022)

Published in: PoS PANIC2021 (2022) 254 • Contribution to: PANIC 2021, 254

DOI: https://doi.org/10.22323/1.380.0254

ПРНД= 8*0.012 = 0.096

42.484

39. Measurement of low mass dileptons in ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 15, 2022)

Published in: PoS PANIC2021 (2022) 233 • Contribution to: PANIC 2021, 233

DOI: https://doi.org/10.22323/1.380.0233

ПРНД= 8*0.012 = 0.096

42.58

40. Quarkonia production and elliptic flow in small systems measured with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 23, 2022)

Published in: PoS ICHEP2022 (2022) 444 • Contribution to: ICHEP 2022, 444

DOI: https://doi.org/10.22323/1.414.0318

ПРНД= 8*0.012 = 0.096

42.676

41. A truly cylindrical inner tracker for ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 23, 2022)

Published in: PoS ICHEP2022 318 • Contribution to: ICHEP 2022

DOI: https://doi.org/10.22323/1.414.0444

ПРНД= 8*0.012 = 0.096

42.772

42. Exploring jet interactions in the quark-gluon plasma using jet substructure measurements in Pb-Pb collisions with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 21, 2022)

Published in: PoS ICHEP2022 460 • Contribution to: ICHEP 2022

DOI: https://doi.org/10.22323/1.414.0460

ПРНД= 8*0.012 = 0.096

42.868

43. J/ψ photoproduction and the production of dileptons via photon-photon interactions in hadronic Pb-Pb collisions measured with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 21, 2022)

Published in: PoS ICHEP2022 453 • Contribution to: ICHEP 2022

DOI: https://doi.org/10.22323/1.414.0453

ПРНД= 8*0.012 = 0.096

42.964

44. Searching for jet quenching effect using high-multiplicity inclusive jet and hadron-jet semi-inclusive jet in pp collisions with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 21, 2022)

Published in: PoS ICHEP2022 459 • Contribution to: ICHEP 2022

DOI: https://doi.org/10.22323/1.414.0459

ПРНД= 8*0.012 = 0.096

43.06

45. Non-identical particle femtoscopy in Pb-Pb collisions at 5.02 TeV with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 21, 2022)

Published in: PoS ICHEP2022 463 • Contribution to: ICHEP 2022

DOI: https://doi.org/10.22323/1.414.0463

ПРНД= 8*0.012 = 0.096

43.156

46. Latest Results from ALICE FoCal Prototypes

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 21, 2022)

Published in: PoS ICHEP2022 317 • Contribution to: ICHEP 2022

DOI: https://doi.org/10.22323/1.414.0317

ПРНД= 8*0.012 = 0.096

43.252

47. Characterizing system dynamics with two-particle transverse momentum correlations in pp collisions at √s =7TeV and p–Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 18, 2022)

Published in: PoS ICHEP2022 930 • Contribution to: ICHEP 2022 • e-Print: 2211.10467 [nucl-ex]

DOI: https://doi.org/10.22323/1.414.0930

ПРНД= 8*0.012 = 0.096

43.348

48. Exploring the hadronic phase of relativistic heavy-ion collisions with resonances in ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 16, 2022)

Published in: PoS ICHEP2022 456 • Contribution to: ICHEP 2022

DOI: https://doi.org/10.22323/1.414.0456

ПРНД= 8*0.012 = 0.096

43.444

49. Enabling distributed analysis for ALICE Run 3

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 15, 2022)

Published in: PoS ICHEP2022 211 • Contribution to: ICHEP 2022

DOI: https://doi.org/10.22323/1.414.0211

ПРНД= 8*0.012 = 0.096

43.54

50. Thermal radiation and direct photon production in Pb-Pb and pp collisions with dielectrons in ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 15, 2022)

Published in: PoS ICHEP2022 452 • Contribution to: ICHEP 2022

DOI: https://doi.org/10.22323/1.414.0452

ПРНД= 8*0.012 = 0.096

43.636

51. System-size dependence of particle production at mid- and forward rapidity with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 10, 2022)

Published in: PoS ICHEP2022 461 • e-Print: 2211.07576 [nucl-ex]

DOI: https://doi.org/10.22323/1.414.0461

ПРНД= 8*0.012 = 0.096

43.732

52. Hadronic resonance production in small collision systems with ALICE at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 5, 2022)

Published in: PoS ICHEP2022 1066 • Contribution to: ICHEP 2022

DOI: https://doi.org/10.22323/1.414.1066

ПРНД= 8*0.012 = 0.096

43.828

53. ψ(2S) production and nuclear modification factor in nucleus-nucleus collisions with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Oct 9, 2022)

Published in: PoS ICHEP2022 445 • Contribution to: ICHEP 2022

DOI: https://doi.org/10.22323/1.414.0445

ПРНД= 8*0.012 = 0.096

43.924

54. Event-by-Event correlations and fluctuations with strongly intensive quantities in heavy-ion and

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Aug 23, 2022)

Published in: PoS CPOD2021 (2022) 027 • Contribution to: CPOD 2021, 027

DOI: https://doi.org/10.22323/1.400.0027

ПРНД= 8*0.012 = 0.096

44.02

55. ALICE measurements of inclusive untagged and heavy flavor-tagged jets in pp, p-Pb and Pb-Pb collisions

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 10, 2022)

Published in: PoS PANIC2021 (2022) 228 • Contribution to: PANIC 2021, 228

DOI: https://doi.org/10.22323/1.380.0228

ПРНД= 8*0.012 = 0.096

44.116

56. Multi-differential studies to explore strangeness enhancement in pp collisions with ALICE at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 8, 2022)

Published in: PoS PANIC2021 (2022) 203 • Contribution to: PANIC 2021, 203

DOI: https://doi.org/10.22323/1.380.0203

ПРНД= 8*0.012 = 0.096

44.212

57. Searches for Chiral Magnetic Effect and Chiral Magnetic Wave in Xe-Xe and Pb-Pb collisions with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 8, 2022)

Published in: PoS PANIC2021 (2022) 364 • Contribution to: PANIC 2021, 364

DOI: https://doi.org/10.22323/1.380.0364

ПРНД= 8*0.012 = 0.096

44.308

58. Charm cross section and fragmentation fractions in pp collisions with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 7, 2022)

Published in: PoS EPS-HEP2021 (2022) 380 • Contribution to: EPS-HEP2021, 380

DOI: https://doi.org/10.22323/1.398.0380

ПРНД= 8*0.012 = 0.096

44.404

59. Underlying Event studies and search for jet modifications in pp and p-Pb collisions with ALICE at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 7, 2022)

Published in: PoS EPS-HEP2021 (2022) 344 • Contribution to: EPS-HEP2021, 344

DOI: https://doi.org/10.22323/1.398.0344

ПРНД= 8*0.012 = 0.096

44.5

60. Production of light nuclei in small collision systems measured with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 7, 2022)

Published in: PoS EPS-HEP2021 (2022) 392 • Contribution to: EPS-HEP2021, 392

DOI: https://doi.org/10.22323/1.398.0392

ПРНД= 8*0.012 = 0.096

44.596

61. Latest results of hadronic resonance production with ALICE at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 7, 2022)

Published in: PoS PANIC2021 (2022) 226 • Contribution to: PANIC 2021, 226

DOI: https://doi.org/10.22323/1.380.0226

ПРНД= 8*0.012 = 0.096

44.692

62. Electroweak-boson production in pp, p-Pb and Pb-Pb collisions with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 2, 2022)

Published in: PoS PANIC2021 (2022) 223 • Contribution to: PANIC 2021, 223

DOI: https://doi.org/10.22323/1.380.0223

ПРНД= 8*0.012 = 0.096

44.788

63. Recent results on charmonium production in pp collisions

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 2, 2022)

Published in: PoS PANIC2021 (2022) 243 • Contribution to: PANIC 2021, 243

DOI: https://doi.org/10.22323/1.380.0243

ПРНД= 8*0.012 = 0.096

44.884

64. Azimuthal correlations in Pb-Pb and Xe-Xe collisions with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 2, 2022)

Published in: PoS PANIC2021 (2022) 229 • Contribution to: PANIC 2021, 229

DOI: https://doi.org/10.22323/1.380.0229

ПРНД= 8*0.012 = 0.096

44.98

65. Non-prompt J/\psiψ measurements at midrapidity in pp, p-Pb and Pb-Pb collisions with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 2, 2022)

Published in: PoS PANIC2021 (2022) 239 • Contribution to: PANIC 2021, 239

DOI: https://doi.org/10.22323/1.380.0239

ПРНД= 8*0.012 = 0.096

45.076

66. Measurements of jet quenching via hadron+jet correlations in Pb-Pb and high-particle multiplicity pp collisions with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 2, 2022)

Published in: PoS PANIC2021 (2022) 227 • Contribution to: PANIC 2021, 227

DOI: https://doi.org/10.22323/1.380.0227

ПРНД= 8*0.012 = 0.096

45.172

67. Measurement of Λc+ production in pp and p-Pb collisions with the ALICE experiment at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 1, 2022)

Published in: PoS EPS-HEP2021 (2022) 285 • Contribution to: EPS-HEP2021, 285

DOI: https://doi.org/10.22323/1.398.0285

ПРНД= 8*0.012 = 0.096

45.268

68. Status of the Fast Interaction Trigger detector for the ALICE upgrade

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Mar 1, 2022)

Published in: PoS EPS-HEP2021 (2022) 795 • Contribution to: EPS-HEP2021, 795

DOI: https://doi.org/10.22323/1.398.0795

ПРНД= 8*0.012 = 0.096

45.364

69. Measurement of electroweak-boson production in pp, p-Pb, and Pb-Pb collisions with ALICE at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Feb 24, 2022)

Published in: PoS EPS-HEP2021 (2022) 315 • Contribution to: EPS-HEP2021, 315

DOI: https://doi.org/10.22323/1.398.0315

ПРНД= 8*0.012 = 0.096

45.46

70. First results of the newly installed, MAPS based, ALICE Inner Tracking System

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.(Feb 17, 2022)

Published in: PoS EPS-HEP2021 (2022) 790 • Contribution to: EPS-HEP2021, 790

DOI: https://doi.org/10.22323/1.398.0790

ПРНД= 8*0.012 = 0.096

45.556

71. Preparation for ALICE data processing and analysis in LHC Run 3

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Feb 10, 2022)

Published in: PoS EPS-HEP2021 (2022) 824 • Contribution to: EPS-HEP2021, 824

DOI: https://doi.org/10.22323/1.398.0824

ПРНД= 8*0.012 = 0.096

45.652

72. Heavy-flavour production in small systems and evolution with multiplicity with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Feb 1, 2022)

Published in: EPJ Web Conf. 259 (2022) 12012 • Contribution to: SQM2021

DOI: https://doi.org/10.1051/epjconf/202225912012

ПРНД= 8*0.012 = 0.096

45.748

73. Event-shape studies of strangeness production in √s = 13 TeV proton–proton collisions with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Feb 1, 2022)

Published in: EPJ Web Conf. 259 (2022) 13005 • Contribution to: SQM2021

DOI: https://doi.org/10.1051/epjconf/202225913005

ПРНД= 8*0.012 = 0.096

45.844

74. Open charm and beauty measurements from small to large systems

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Feb 1, 2022)

Published in: EPJ Web Conf. 259 (2022) 12010 • Contribution to: SQM2021

DOI: https://doi.org/10.1051/epjconf/202225912010

ПРНД= 8*0.012 = 0.096

45.94

75. Investigating the origin of strangeness enhancement in small systems through multi-differential analyses

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Feb 1, 2022)

Published in: EPJ Web Conf. 259 (2022) 11006 • Contribution to: SQM2021

DOI: https://doi.org/10.1051/epjconf/202225911006

ПРНД= 8*0.012 = 0.096

46.036

76. Global and local polarization of Λ(Λ) hyperons in Pb–Pb collisions in ALICE at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Feb 1, 2022)

Published in: EPJ Web Conf. 259 (2022) 06001 • Contribution to: SQM2021 •

DOI: https://doi.org/10.1051/epjconf/202225906001

ПРНД= 8*0.012 = 0.096

46.132

77. Low-mass dielectron measurements with ALICE at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Feb 1, 2022)

Published in: EPJ Web Conf. 259 (2022) 13007 • Contribution to: SQM2021

DOI: https://doi.org/10.1051/epjconf/202225913007

ПРНД= 8*0.012 = 0.096

46.228

78. Production of strange particles in jets and underlying events in pp collisions at √s = 13 TeV with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Feb 1, 2022)

Published in: EPJ Web Conf. 259 (2022) 10009 • Contribution to: SQM2021

DOI: https://doi.org/10.1051/epjconf/202225910009

ПРНД= 8*0.012 = 0.096

46.324

79. Production of strange hadrons in jets and underlying events in pp and p–Pb collisions with ALICE

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Jan 29, 2022)

Published in: Phys.Scripta 97 (2022) 5, 054009 • Contribution to: ICNFP 2021

DOI: https://doi.org/10.1088/1402-4896/ac5e59

ПРНД= 3.081*30*0.012 = 1.109

47.433

80. Future upgrades of ALICE for Run 4

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Jan 28, 2022)

Published in: PoS EPS-HEP2021 (2022) 836 • Contribution to: EPS-HEP2021, 836

DOI: https://doi.org/10.22323/1.398.0836

ПРНД= 8*0.012 = 0.096

47.529

81. First study of the two-body scattering involving charm hadrons

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Jan 14, 2022)

Published in: Phys.Rev.D 106 (2022) 5, 052010

DOI: https://doi.org/10.1103/PhysRevD.106.052010

ПРНД= 5.407*30*0.012 = 1.947

49.476

82. Measurement of prompt DS+ -meson production and azimuthal anisotropy in Pb–Pb collisions at √sNN =5.02TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 827 (2022) 136986

DOI: https://doi.org/10.1016/j.physletb.2022.136986

ПРНД= 4.95*30*0.012 = 1.782

51.258

83. Neutral to charged kaon yield fluctuations in Pb-–Pb collisions at √sNN = 2.76TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 832 (2022) 137242

DOI: https://doi.org/10.1016/j.physletb.2022.137242

ПРНД= 4.95*30*0.012 = 1.782

53.04

84. Observation of a multiplicity dependence in the pT -differential charm baryon-to-meson ratios in proton-proton collisions at √s = 13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 829 (2022) 137065

DOI: https://doi.org/10.1016/j.physletb.2022.137065

ПРНД= 4.95*30*0.012 = 1.782

54.822

85. KS0KS0 and KS0K± femtoscopy in pp collisions at √s = 5.02 and 13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 833 (2022) 137335, Phys.Lett.B 833 (2022) 137335

DOI: https://doi.org/10.1016/j.physletb.2022.137335

ПРНД= 4.95*30*0.012 = 1.782

56.604

86. Characterizing the initial conditions of heavy-ion collisions at the LHC with mean transverse momentum and anisotropic flow correlations

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 834 (2022) 137393

DOI: https://doi.org/10.1016/j.physletb.2022.137393

ПРНД= 4.95*30*0.012 = 1.782

58.386

87. Prompt D0, D+, and D*+ production in Pb-Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: JHEP 01 (2022) 174

DOI: https://doi.org/10.1007/JHEP01(2022)174

ПРНД= 6.379*30*0.012 = 2.296

60.682

88. General balance functions of identified charged hadron pairs of (π,K,p) in Pb-–Pb collisions at √sNN = 2.76 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 833 (2022) 137338

DOI: https://doi.org/10.1016/j.physletb.2022.137338

ПРНД= 4.95*30*0.012 = 1.782

62.464

89. Inclusive J/ψ production at midrapidity in pp collisions at √s = 13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Eur.Phys.J.C 81 (2021) 12, 1121

DOI: https://doi.org/10.1140/epjc/s10052-021-09873-4

ПРНД= 4.991*30*0.012 = 1.797

64.261

90. Measurement of the groomed jet radius and momentum splitting fraction in pp and Pb-–Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.Lett. 128 (2022) 10, 102001

DOI: https://doi.org/10.1103/PhysRevLett.128.102001

ПРНД= 9.185*30*0.012 = 3.307

67.568

91. Polarization of Λ and Λ Hyperons along the Beam Direction in Pb-Pb Collisions at √sNN =5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.Lett. 128 (2022) 17, 172005

DOI: https://doi.org/10.1103/PhysRevLett.128.172005

ПРНД= 9.185*30*0.012 = 3.307

70.875

92. Hypertriton production in p-Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.Lett. 128 (2022) 25, 252003

DOI: https://doi.org/10.1103/PhysRevLett.128.252003

ПРНД= 9.185*30*0.012 = 3.307

74.182

93. Production of K*(892)0 and φ(1020) in pp and Pb-Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.C 106 (2022) 3, 034907

DOI: https://doi.org/10.1103/PhysRevC.106.034907

ПРНД= 3.199*30*0.012 = 1.152

75.334

94. Direct observation of the dead-cone effect in quantum chromodynamics

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Nature 605 (2022) 7910, 440-446, Nature 607 (2022) 7920, E22 (erratum)

DOI: https://doi.org/10.1038/s41586-022-04572-w

ПРНД= 69.504*30*0.012 = 25.021

100.355

95. Measurement of prompt D0, Λc+ and Σc0,++(2455) production in pp collisions at √s = 13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.Lett. 128 (2022) 1, 012001

https://doi.org/10.1103/PhysRevLett.128.012001

ПРНД= 9.185*30*0.012 = 3.307

103.662

96. Charm-quark fragmentation fractions and production cross section at midrapidity in pp collisions at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.D 105 (2022) 1, L011103

DOI: https://doi.org/10.1103/PhysRevD.105.L011103

ПРНД= 5.407*30*0.012 = 1.947

105.609

97. Measurement of K*(892)± production in inelastic pp collisions at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (May 12, 2021)

Published in: Phys.Lett.B 828 (2022) 137013

DOI: https://doi.org/10.1016/j.physletb.2022.137013

ПРНД= 4.95*30*0.012 = 1.782

107.391

98. Investigating the role of strangeness in baryon-–antibaryon annihilation at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 829 (2022) 137060

DOI: https://doi.org/10.1016/j.physletb.2022.137060

ПРНД= 4.95*30*0.012 = 1.782

109.173

99. Production of Λ and KS0 in jets in p-Pb collisions at √sNN = 5 TeV and pp collisions at √s =7 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (May 11, 2021)

Published in: Phys.Lett.B 827 (2022) 136984

DOI: https://doi.org/10.1016/j.physletb.2022.136984

ПРНД= 4.95*30*0.012 = 1.782

110.955

100. Exploring the NΛ-NΣ coupled system with high precision correlation techniques at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Apr 9, 2021)

Published in: Phys.Lett.B 833 (2022) 137272

DOI: https://doi.org/10.1016/j.physletb.2022.137272

ПРНД= 4.95*30*0.012 = 1.782

112.737

Статьи в реферируемых журналах за 2022 год: ПРНД = 112.737

Статьи в реферируемых зарубежных журналах:

2021 г.

Статьи в составе коллаборации ALICE (число авторов от 1000 до 1999)

1. KS0 - and (anti-)\LambdaΛ-hadron correlations in pp collisions at √s = 13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Eur.Phys.J.C 81 (2021) 10, 945 • e-Print: 2107.11209 [nucl-ex]

DOI: https://doi.org/10.1140/epjc/s10052-021-09678-5

ПРНД= 4.991*30*0.012 = 1.797

1.797

2. Anisotropic flow of identified hadrons in Xe-Xe collisions at √sNN = 5.44 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: JHEP 10 (2021) 152 • e-Print: 2107.10592 [nucl-ex]

DOI: https://doi.org/10.1007/JHEP10(2021)152

ПРНД= 6.379*30*0.012 = 2.296

4.093

3. Kaon–proton strong interaction at low relative momentum via femtoscopy in Pb–Pb collisions at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 822 (2021) 136708 • e-Print: 2105.05683 [nucl-ex]

DOI: https://doi.org/10.1016/j.physletb.2021.136708

ПРНД= 4.95*30*0.012 = 1.782

5.875

4. Measurement of the production cross section of prompt Ξc0 baryons at midrapidity in pp collisions at √s = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: JHEP 10 (2021) 159 • e-Print: 2105.05616 [nucl-ex]

DOI: https://doi.org/10.1007/JHEP10(2021)159

ПРНД= 6.379*30*0.012 = 2.296

8.171

5. Experimental Evidence for an Attractive p-φ Interaction

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.Lett. 127 (2021) 17, 172301 • e-Print: 2105.05578 [nucl-ex]

DOI: https://doi.org/10.1103/PhysRevLett.127.172301

ПРНД= 9.185*30*0.012 = 3.307

11.478

6. Energy dependence of φ meson production at forward rapidity in pp collisions at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Eur.Phys.J.C 81 (2021) 8, 772 • e-Print: 2105.00713 [nucl-ex]

DOI: https://doi.org/10.1140/epjc/s10052-021-09545-3

ПРНД= 4.991*30*0.012 = 1.797

13.275

7. Measurement of beauty and charm production in pp collisions at √s = 5.02 TeV via non-prompt and prompt D mesons

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: JHEP 05 (2021) 220 • e-Print: 2102.13601 [nucl-ex]

DOI: https://doi.org/10.1007/JHEP05(2021)220

ПРНД= 6.379*30*0.012 = 2.296

15.571

8. Measurements of mixed harmonic cumulants in Pb–Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 818 (2021) 136354 • e-Print: 2102.12180 [nucl-ex]

DOI: https://doi.org/10.1016/j.physletb.2021.136354

ПРНД= 4.95*30*0.012 = 1.782

17.353

9. Coherent J/ψ and φ' photoproduction at midrapidity in ultra-peripheral Pb–Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Eur.Phys.J.C 81 (2021) 8, 712 • e-Print: 2101.04577 [nucl-ex]

DOI: https://doi.org/10.1140/epjc/s10052-021-09437-6

ПРНД= 4.991*30*0.012 = 1.797

19.15

10. First measurement of the |t|-dependence of coherent J/ψ photonuclear production

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 817 (2021) 136280 • e-Print: 2101.04623 [nucl-ex]

DOI: https://doi.org/10.1016/j.physletb.2021.136280

ПРНД= 4.95*30*0.012 = 1.782

20.932

11. Production of pions, kaons, (anti-)protons and φ mesons in Xe–Xe collisions at √sNN = 5.44 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Jan 8, 2021)

Published in: Eur.Phys.J.C 81 (2021) 7, 584 • e-Print: 2101.03100 [nucl-ex]

DOI: https://doi.org/10.1140/epjc/s10052-021-09304-4

ПРНД= 4.991*30*0.012 = 1.797

22.729

12. Long- and short-range correlations and their event-scale dependence in high-multiplicity pp collisions at √s =13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: JHEP 05 (2021) 290 • e-Print: 2101.03110 [nucl-ex]

DOI: https://doi.org/10.1007/JHEP05(2021)290

ПРНД= 6.379*30*0.012 = 2.296

25.025

13. Multiharmonic Correlations of Different Flow Amplitudes in Pb-Pb Collisions at √sNN = 2.76 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.Lett. 127 (2021) 9, 092302 • e-Print: 2101.02579 [nucl-ex]

DOI: https://doi.org/10.1103/PhysRevLett.127.092302

ПРНД= 9.185*30*0.012 = 3.307

28.332

14. First measurement of coherent ρ0 photoproduction in ultra-peripheral Xe–Xe collisions at sNN=5.44 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 820 (2021) 136481 • e-Print: 2101.02581 [nucl-ex]

DOI: https://doi.org/10.1016/j.physletb.2021.136481

ПРНД= 4.95*30*0.012 = 1.782

30.114

15. Antihelium-3 fluxes near Earth using data-driven estimates for annihilation cross section

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: PoS ICRC2021 (2021) 516 • Contribution to: ICRC 2021, 516

DOI: https://doi.org/10.22323/1.395.0516

ПРНД= 8*0.012 = 0.096

30.21

16. Inclusive heavy-flavour production at central and forward rapidity in Xe–Xe collisions at sNN=5.44 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 13, 2020)

Published in: Phys.Lett.B 819 (2021) 136437

DOI: https://doi.org/10.1016/j.physletb.2021.136437

ПРНД= 4.95*30*0.012 = 1.782

31.992

17. Production of muons from heavy-flavour hadron decays at high transverse momentum in Pb–Pb collisions at sNN=5.02 and 2.76 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 820 (2021) 136558

DOI: https://doi.org/10.1016/j.physletb.2021.136558

ПРНД= 4.95*30*0.012 = 1.782

33.774

18. Jet fragmentation transverse momentum distributions in pp and p-Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Nov 11, 2020)

Published in: JHEP 09 (2021) 211

DOI: https://doi.org/10.1007/JHEP09(2021)211

ПРНД= 6.379*30*0.012 = 2.296

36.07

19. Λc+ Production and Baryon-to-Meson Ratios in pp and p-Pb Collisions at √sNN =5.02 TeV at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.Lett. 127 (2021) 20, 202301 • e-Print: 2011.06078 [nucl-ex]

DOI: https://doi.org/10.1103/PhysRevLett.127.202301

ПРНД= 9.185*30*0.012 = 3.307

39.377

20. Jet-associated deuteron production in pp collisions at s=13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 819 (2021) 136440 • e-Print: 2011.05898 [nucl-ex]

DOI: https://doi.org/10.1016/j.physletb.2021.136440

ПРНД= 4.95*30*0.012 = 1.782

41.159

21. Λc+ production in pp and in p-Pb collisions at √sNN =5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.C 104 (2021) 5, 054905 • e-Print: 2011.06079 [nucl-ex]

DOI: https://doi.org/10.1103/PhysRevC.104.054905

ПРНД= 3.199*30*0.012 = 1.152

42.311

22. ϒ production and nuclear modification at forward rapidity in Pb–Pb collisions at sNN=5.02TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 822 (2021) 136579 • e-Print: 2011.05758 [nucl-ex]

DOI: https://doi.org/10.1016/j.physletb.2021.136579

ПРНД= 4.95*30*0.012 = 1.782

44.093

23. Pseudorapidity distributions of charged particles as a function of mid- and forward rapidity multiplicities in pp collisions at √s = 5.02, 7 and 13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Eur.Phys.J.C 81 (2021) 7, 630 • e-Print: 2009.09434 [nucl-ex]

DOI: https://doi.org/10.1140/epjc/s10052-021-09349-5

ПРНД= 4.991*30*0.012 = 1.797

45.89

24. Centrality dependence of J/ψ and ψ(2S) production and nuclear modification in p-Pb collisions at √sNN = 8.16 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: JHEP 02 (2021) 002 • e-Print: 2008.04806 [nucl-ex]

DOI: https://doi.org/10.1007/JHEP02(2021)002

ПРНД= 6.379*30*0.012 = 2.296

48.186

25. Pion-kaon femtoscopy and the lifetime of the hadronic phase in Pb-–Pb collisions at √sNN = 2.76 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 813 (2021) 136030 • e-Print: 2007.08315 [nucl-ex]

DOI: https://doi.org/10.1016/j.physletb.2020.136030

ПРНД= 4.95*30*0.012 = 1.782

49.968

26. Charged-particle multiplicity fluctuations in Pb–Pb collisions at √sNN = 2.76 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (May 12, 2021)

Published in: Eur.Phys.J.C 81 (2021) 11, 1012 • e-Print: 2105.05745 [nucl-ex]

DOI: https://doi.org/10.1140/epjc/s10052-021-09784-4

ПРНД= 4.991*30*0.012 = 1.797

51.765

27. Soft-dielectron excess in proton-proton collisions at √s = 13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A.Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.Lett. 127 (2021) 4, 042302 • e-Print: 2005.14522 [nucl-ex]

DOI: https://doi.org/10.1103/PhysRevLett.127.042302

ПРНД= 9.185*30*0.012 = 3.307

55.072

28. ΛK femtoscopy in Pb-Pb collisions at √sNN = 2.76 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A.Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.C 103 (2021) 5, 055201 • e-Print: 2005.11124 [nucl-ex]

DOI: https://doi.org/10.1103/PhysRevC.103.055201

ПРНД= 3.199*30*0.012 = 1.152

56.224

29. Production of light-flavor hadrons in pp collisions at √s = 7 and √s = 13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A.Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Eur.Phys.J.C 81 (2021) 3, 256 • e-Print: 2005.11120 [nucl-ex]

DOI: https://doi.org/10.1140/epjc/s10052-020-08690-5

ПРНД= 4.991*30*0.012 = 1.797

58.021

30. Transverse-momentum and event-shape dependence of D-meson flow harmonics in Pb-Pb collisions at √sNN =5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A.Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (May 22, 2020)

Published in: Phys.Lett.B 813 (2021) 136054 • e-Print: 2005.11131 [nucl-ex]

DOI: https://doi.org/10.1016/j.physletb.2020.136054

ПРНД= 4.95*30*0.012 = 1.782

59.803

31. Elliptic flow of electrons from beauty-hadron decays in Pb-Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A.Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.Lett. 126 (2021) 16, 162001 • e-Print: 2005.11130 [nucl-ex]

DOI: https://doi.org/10.1103/PhysRevLett.126.162001

ПРНД= 9.185*30*0.012 = 3.307

63.11

32. First measurement of quarkonium polarization in nuclear collisions at the LHC

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A.Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Lett.B 815 (2021) 136146 • e-Print: 2005.11128 [nucl-ex]

DOI: https://doi.org/10.1016/j.physletb.2021.136146

ПРНД= 4.95*30*0.012 = 1.782

64.892

33. First measurements of N-subjettiness in central Pb−Pb collisions at √sNN = 2.76 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: JHEP 10 (2021) 003

DOI: https://doi.org/10.1007/JHEP10(2021)003

ПРНД= 6.379*30*0.012 = 2.296

67.188

34. Measurement of the cross sections of Ξc0 and Ξc+ baryons and branching-fraction ratio BR(Ξc0 → Ξ-e+ve)/BR(Ξc0 → Ξ-π+) in pp collisions at 13 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration.

Published in: Phys.Rev.Lett. 127 (2021) 27, 272001

DOI: https://doi.org/10.1103/PhysRevLett.127.272001

ПРНД= 9.185*30*0.012 = 3.307

70.495

Статьи в реферируемых зарубежных журналах за 2021 год: ПРНД = 70.495

Препринты

Число авторов от 1000 до 1999

2022:

1. Overview of quarkonium production in ALICE

ALICE Collaboration (Dec 22, 2022)

e-Print: 2212.11524 [nucl-ex]

https://arxiv.org/abs/2212.11524

2. First measurement of prompt and non-prompt D*+ vector meson spin alignment in pp collisions at √s = 13 TeV

ALICE Collaboration (Dec 13, 2022)

e-Print: 2212.06588

https://arxiv.org/abs/2212.06588

3. Measurement of (anti)nuclei production in p-Pb collisions at √sNN = 8.16 TeV

ALICE Collaboration (Dec 9, 2022)

e-Print: 2212.04777

https://arxiv.org/abs/2212.04777

4. A truly cylindrical inner tracker for ALICE

ALICE Collaboration (Dec 6, 2022)

Contribution to: SQM2022 • e-Print: 2212.03165 [physics.ins-det]

https://arxiv.org/abs/2212.03165

5. Enhanced deuteron coalescence probability in jets

ALICE Collaboration (Nov 28, 2022)

e-Print: 2211.15204 [nucl-ex]

https://arxiv.org/abs/2211.15204

6. Pseudorapidity densities of charged particles with transverse momentum thresholds in pp collisions at √s = 5.02 and 13 TeV

ALICE Collaboration (Nov 28, 2022)

e-Print: 2211.15364 [nucl-ex]

https://arxiv.org/abs/2211.15364

7. Multiplicity dependence of charged-particle production in pp, p-Pb, Xe-Xe and Pb-Pb collisions at the LHC

ALICE Collaboration (Nov 28, 2022)

e-Print: 2211.15326 [nucl-ex]

https://arxiv.org/abs/2211.15326

8. Investigation of K+K- interactions via femtoscopy in Pb-–Pb collisions at √sNN =2.76 TeV at the LHC

ALICE Collaboration (Nov 28, 2022)

e-Print: 2211.15194 [nucl-ex]

https://arxiv.org/abs/2211.15194

9. Event-by-event fluctuations of mean transverse momentum in Pb-Pb and Xe-Xe collisions with ALICE

ALICE Collaboration (Nov 27, 2022)

Contribution to: INPC 2022 • e-Print: 2211.14796 [nucl-ex]

https://arxiv.org/abs/2211.14796

10. Measurement of electrons from beauty-hadron decays in pp and Pb-Pb collisions at √sNN = 5.02 TeV

ALICE Collaboration (Nov 25, 2022)

e-Print: 2211.13985 [nucl-ex]

https://arxiv.org/abs/2211.13985

11. Rescattering effects on resonances production in small systems with ALICE at the LHC

ALICE Collaboration (Nov 25, 2022)

Contribution to: SQM2022 • e-Print: 2211.14182 [nucl-ex]

https://arxiv.org/abs/2211.14182

12. First measurement of Λc+ production down to pT = 0 in pp and p-Pb collisions at √sNN = 5.02 TeV

ALICE Collaboration (Nov 25, 2022)

e-Print: 2211.14032 [nucl-ex]

https://arxiv.org/abs/2211.14032

13. J/ψ production at midrapidity in p-–Pb collisions at √sNN = 8.16 TeV

ALICE Collaboration (Nov 25, 2022)

e-Print: 2211.14153 [nucl-ex]

https://arxiv.org/abs/2211.14153

14. Light (anti)nuclei production in Pb-Pb collisions at √sNN =5.02 TeV

ALICE Collaboration (Nov 25, 2022)

e-Print: 2211.14015 [nucl-ex]

https://arxiv.org/abs/2211.14015

15. Production of muons from heavy-flavour hadron decays in heavy-ion collisions with ALICE at the LHC

ALICE Collaboration (Nov 24, 2022)

Contribution to: INPC 2022 • e-Print: 2211.13664 [nucl-ex]

https://arxiv.org/abs/2211.13664

16. Commissioning and first performances of the ALICE MID RPCs

ALICE Collaboration (Nov 21, 2022)

e-Print: 2211.11254 [physics.ins-det]

https://arxiv.org/abs/2211.11254

17. Real and virtual direct photon measurements with ALICE

ALICE Collaboration (Nov 21, 2022)

Contribution to: INPC 2022 • e-Print: 2211.11934 [nucl-ex]

https://arxiv.org/abs/2211.11934

18. Prompt and non-prompt charm baryons with ALICE

ALICE Collaboration (Nov 20, 2022)

Contribution to: ICHEP 2022 • e-Print: 2211.11015 [nucl-ex]

https://arxiv.org/abs/2211.11015

19. Search for higher mass resonances via KK decay channel in pp collisions with ALICE at the LHC

ALICE Collaboration (Nov 19, 2022)

Contribution to: Quark Matter 2022 • e-Print: 2211.10606 [hep-ex]

https://arxiv.org/abs/2211.10606

20. Ground and excited quarkonium states as probes of MPI in small systems with ALICE

ALICE Collaboration (Nov 18, 2022)

Contribution to: ICHEP 2022 • e-Print: 2211.10145 [nucl-ex]

https://arxiv.org/abs/2211.10145

21. Production of K0S, Λ (Λ) Ξ± and Ω± in jets and in the underlying event in pp and p-–Pb collisions

ALICE Collaboration (Nov 16, 2022)

e-Print: 2211.08936 [nucl-ex]

https://arxiv.org/abs/2211.08936

22. Measurement of the angle between jet axes in pp collisions at √s = 5.02 TeV

ALICE Collaboration (Nov 16, 2022)

e-Print: 2211.08928 [nucl-ex]

https://arxiv.org/abs/2211.08928

23. Two-particle transverse momentum correlations in pp and p-Pb collisions at LHC energies

ALICE Collaboration (Nov 16, 2022)

e-Print: 2211.08979 [nucl-ex]

https://arxiv.org/abs/2211.08979

24. Future ALICE upgrades for Run 4 and Beyond

ALICE Collaboration (Nov 9, 2022)

Contribution to: Quark Matter 2022 • e-Print: 2211.04802 [nucl-ex]

https://arxiv.org/abs/2211.04802

25. The ALICE experiment -- A journey through QCD

ALICE Collaboration (Nov 8, 2022)

e-Print: 2211.04384 [nucl-ex]

https://arxiv.org/abs/2211.04384

26. Charm and beauty production and hadronization with the ALICE experiment

ALICE Collaboration (Nov 7, 2022)

Contribution to: BEACH 2022 • e-Print: 2211.03720 [nucl-ex]

https://arxiv.org/abs/2211.03720

27. Letter of intent for ALICE 3: A next-generation heavy-ion experiment at the LHC

ALICE Collaboration (Nov 4, 2022)

e-Print: 2211.02491 [physics.ins-det]

https://arxiv.org/abs/2211.02491

28. Jet-like correlations with respect to KS0 and Λ (Λ) in pp and Pb-Pb collisions at √sNN = 5.02 TeV

ALICE Collaboration (Nov 2, 2022)

e-Print: 2211.01197 [nucl-ex]

https://arxiv.org/abs/2211.01197

29. Correlation of heavy-flavour hadron production and charged-particle multiplicity in pp collisions measured by ALICE

ALICE Collaboration (Oct 29, 2022)

e-Print: 2210.16516 [hep-ex]

https://arxiv.org/abs/2210.16516

30. ALICE upgrades for Run 4 and Run 5

ALICE Collaboration (Oct 28, 2022)

Contribution to: QCD 22 • e-Print: 2210.16241 [physics.ins-det]

https://arxiv.org/abs/2210.16241

31. Search for the Chiral Magnetic Effect with charge-dependent azimuthal correlations in Xe-Xe collisions at √sNN = 5.44 TeV

ALICE Collaboration (Oct 27, 2022)

e-Print: 2210.15383 [nucl-ex]

https://arxiv.org/abs/2210.15383

32. Upgrade and commissioning of the ALICE muon spectrometer

ALICE Collaboration (Oct 22, 2022)

Contribution to: FAIRNESS2022 • e-Print: 2210.12431 [physics.ins-det]

https://arxiv.org/abs/2210.12431

33. Multiplicity dependent studies for strangeness production with ALICE

ALICE Collaboration (Oct 21, 2022)

Contribution to: 66th DAE Symposium on nuclear physics • e-Print: 2210.11863 [nucl-ex]

https://arxiv.org/abs/2210.11863

34. Measurement of heavy-flavor production in the high-mass dimuon spectrum in pp collisions at √s = 13 TeV with ALICE

ALICE Collaboration (Oct 19, 2022)

Contribution to: LHCP2022 • e-Print: 2210.10764 [nucl-ex]

https://arxiv.org/abs/2210.10764

35. ψ(2S) production as a function of charged-particle multiplicity in pp collisions at √s = 13 TeV and p--Pb collisions at √sNN = 8.16 TeV with ALICE at the LHC

ALICE Collaboration (Oct 17, 2022)

Contribution to: LHCP2022 • e-Print: 2210.08825 [nucl-ex]

https://arxiv.org/abs/2210.08825

36. Measurements of azimuthal anisotropies at forward and backward rapidity with muons in high-multiplicity p-Pb collisions at √sNN = 8.16 =8.16 TeV

ALICE Collaboration (Oct 17, 2022)

e-Print: 2210.08980 [nucl-ex]

https://arxiv.org/abs/2210.08980

37. ψ(2S) suppression in Pb-Pb collisions at the LHC

ALICE Collaboration (Oct 17, 2022)

e-Print: 2210.08893 [nucl-ex]

https://arxiv.org/abs/2210.08893

38. Strangeness production in small-collision systems with ALICE

ALICE Collaboration (Oct 15, 2022)

Contribution to: ISMD2022 • e-Print: 2210.08236 [hep-ex]

https://arxiv.org/abs/2210.08236

39. Multiplicity dependence of charged-particle jet production in pp collisions at 13 TeV with ALICE

ALICE Collaboration (Oct 10, 2022)

Contribution to: ISMD2022 • e-Print: 2210.04511 [hep-ex]

https://arxiv.org/abs/2210.04511

40. Recent ALICE results on quarkonium production in nuclear collisions

ALICE Collaboration (Oct 9, 2022)

e-Print: 2210.04356 [nucl-ex]

https://arxiv.org/abs/2210.04356

41. Study of path-length dependent energy loss of jets in p--Pb and Pb--Pb collisions with ALICE

ALICE Collaboration (Oct 6, 2022)

Contribution to: Quark Matter 2022 • e-Print: 2210.02937 [nucl-ex]

https://arxiv.org/abs/2210.02937

42. Electroweak-boson production from small to large collision systems with ALICE at the LHC

ALICE Collaboration (Sep 29, 2022)

Contribution to: SQM2022 • e-Print: 2209.14723 [nucl-ex]

https://arxiv.org/abs/2209.14723

43. (Anti)(hyper)nuclei production in small collision systems measured with ALICE at the LHC

ALICE Collaboration (Sep 17, 2022)

e-Print: 2209.08314 [nucl-ex]

https://arxiv.org/abs/2209.08314

44. Measurement of the lifetime and Λ separation energy of $^{3}_{\Lambda}$H

ALICE Collaboration (Sep 15, 2022)

e-Print: 2209.07360 [nucl-ex]

https://arxiv.org/abs/2209.07360

45. (Anti)nucleosynthesis in heavy-ion collisions and (anti)nuclei as "baryonmeter" of the collision

ALICE Collaboration (Sep 12, 2022)

Contribution to: SQM2022 • e-Print: 2209.05369 [nucl-ex]

https://arxiv.org/abs/2209.05369

46. Neutron emission in ultraperipheral Pb-Pb collisions at $\sqrt{s_{NN}}$ = 5.02 TeV

ALICE Collaboration (Sep 9, 2022)

e-Print: 2209.04250 [nucl-ex]

https://arxiv.org/abs/2209.04250

47. Measurement of the production of (anti)(hyper)nuclei

ALICE Collaboration (Sep 9, 2022)

Contribution to: SQM2022 • e-Print: 2209.04382 [hep-ex]

https://arxiv.org/abs/2209.04382

48. Multiplicity dependence of ϒ production at forward rapidity in pp collisions at √s = 13 TeV

ALICE Collaboration (Sep 9, 2022)

e-Print: 2209.04241 [nucl-ex]

https://arxiv.org/abs/2209.04241

49. Performance of the ALICE Electromagnetic Calorimeter

ALICE Collaboration (Sep 9, 2022)

e-Print: 2209.04216 [physics.ins-det]

https://arxiv.org/abs/2209.04216

50. Searching for an eco-friendly gas mixture for the ALICE Resistive Plate Chambers

ALICE and ECOgas@GIF++ Collaborations (Sep 5, 2022)

Contribution to: LHCP2022 • e-Print: 2209.02020 [physics.ins-det]

https://arxiv.org/abs/2209.02020

51. Overview of quarkonium production with ALICE at the LHC

ALICE Collaboration (Aug 31, 2022)

Contribution to: ISVHECRI 2022 • e-Print: 2208.14757 [nucl-ex]

https://arxiv.org/abs/2208.14757

52. R-dependence of inclusive jet suppression and groomed jet splittings in heavy-ion collisions with ALICE

ALICE Collaboration (Aug 30, 2022)

Contribution to: Quark Matter 2022 • e-Print: 2208.14492 [nucl-ex]

https://arxiv.org/abs/2208.14492

53. Particle production as a function of underlying-event activity and very forward energy with ALICE

ALICE Collaboration (Aug 24, 2022)

Contribution to: SQM2022 • e-Print: 2208.11348 [nucl-ex]

https://arxiv.org/abs/2208.11348

54. Heavy-flavor jet properties and correlations from small to large systems with ALICE

ALICE Collaboration (Aug 23, 2022)

Contribution to: Quark Matter 2022 • e-Print: 2208.10908 [hep-ex]

https://arxiv.org/abs/2208.10908

55. Open and hidden heavy-flavor production in small systems with ALICE

ALICE Collaboration (Aug 22, 2022)

Contribution to: Quark Matter 2022 • e-Print: 2208.10254 [nucl-ex]

https://arxiv.org/abs/2208.10254

56. Isolated photon-jet correlations in Pb-Pb collisions at √sNN = 5.02 TeV in ALICE

ALICE Collaboration (Aug 17, 2022)

Contribution to: Quark Matter 2022 • e-Print: 2208.08523 [nucl-ex]

https://arxiv.org/abs/2208.08523

57. Heavy-ion physics with the ALICE detector

ALICE Collaboration (Aug 10, 2022)

Contribution to: La Thuile 2022 • e-Print: 2208.05290 [nucl-ex]

https://arxiv.org/abs/2208.05290

58. Measurements of groomed-jet substructure of charm jets tagged by D0 mesons in proton-proton collisions at √s = 13 TeV

ALICE Collaboration (Aug 9, 2022)

e-Print: 2208.04857 [nucl-ex]

https://arxiv.org/abs/2208.04857

59. Measurement of charged-particle jet properties in p--Pb collisions at √sNN = 5.02 TeV with ALICE

ALICE Collaboration (Aug 2, 2022)

Contribution to: Hot QCD Matter 2022 • e-Print: 2208.01389 [nucl-ex]

https://arxiv.org/abs/2208.01389

60. Charm production: constraints to transport models and charm diffusion coefficient with ALICE

ALICE Collaboration (Jul 28, 2022)

Contribution to: Quark Matter 2022 • e-Print: 2207.14154 [nucl-ex]

https://arxiv.org/abs/2207.14154

61. Charmonium production as a function of charged-particle multiplicity in pp and p--Pb collisions with ALICE at the LHC

ALICE Collaboration (Jul 27, 2022)

Contribution to: DIS2022 • e-Print: 2207.13399 [nucl-ex]

https://arxiv.org/abs/2207.13399

62. Beauty production in heavy-ion collisions with ALICE at the LHC

ALICE Collaboration (Jul 21, 2022)

e-Print: 2207.10259 [nucl-ex]

https://arxiv.org/abs/2207.10259

63. Particle production as a function of underlying-event activity and search for jet-like modifications in pp, p-Pb, and Pb-Pb collisions at √sNN = 5.02 TeV with ALICE

ALICE Collaboration (Jul 21, 2022)

Contribution to: Quark Matter 2022 • e-Print: 2207.10336 [nucl-ex]

https://arxiv.org/abs/2207.10336

64. Charm production and hadronization in pp and p-Pb collisions at the LHC with ALICE

ALICE Collaboration (Jul 15, 2022)

Contribution to: DIS2022 • e-Print: 2207.07590 [nucl-ex]

https://arxiv.org/abs/2207.07590

65. f0(980) production in inelastic pp collisions at √s = 5.02 TeV

ALICE Collaboration (Jun 13, 2022)

e-Print: 2206.06216 [nucl-ex]

https://arxiv.org/abs/2206.06216

66. Observation of flow angle and flow magnitude fluctuations in Pb-Pb collisions at √sNN = 5.02 TeV at the LHC

ALICE Collaboration (Jun 9, 2022)

e-Print: 2206.04574 [nucl-ex]

https://arxiv.org/abs/2206.04574

67. Anisotropic flow and flow fluctuations of identified hadrons in Pb-–Pb collisions at √sNN = 5.02 TeV

ALICE Collaboration (Jun 9, 2022)

e-Print: 2206.04587 [nucl-ex]

https://arxiv.org/abs/2206.04587

68. Closing in on critical net-baryon fluctuations at LHC energies: cumulants up to third order in Pb-–Pb collisions

ALICE Collaboration (Jun 7, 2022)

e-Print: 2206.03343 [nucl-ex]

https://arxiv.org/abs/2206.03343

69. Towards the understanding of the genuine three-body interaction for p − p − p and p − p − Λ

ALICE Collaboration (Jun 7, 2022)

e-Print: 2206.03344 [nucl-ex]

https://arxiv.org/abs/2206.03344

70. Constraining the KN coupled channel dynamics using femtoscopic correlations at the LHC

ALICE Collaboration (May 30, 2022)

e-Print: 2205.15176 [nucl-ex]

https://arxiv.org/abs/2205.15176

71. Σ(1385)± resonance production in Pb-Pb collisions at √sNN = 5.02 TeV

ALICE Collaboration (May 27, 2022)

e-Print: 2205.13998 [nucl-ex]

https://arxiv.org/abs/2205.13998

72. First measurement of Ωc0 production in pp collisions at √s =13 TeV

ALICE Collaboration (May 27, 2022)

e-Print: 2205.13993 [nucl-ex]

https://arxiv.org/abs/2205.13993

73. Jet substructure in pp collisions with ALICE

ALICE Collaboration (May 23, 2022)

Contribution to: Moriond 2022 QCD • e-Print: 2205.11583 [hep-ex]

https://arxiv.org/abs/2205.11583

74. Charm Quark Hadronisation Studies In pp Collisions With ALICE

ALICE Collaboration (May 15, 2022)

Contribution to: Moriond 2022 QCD • e-Print: 2205.07196 [hep-ex]

https://arxiv.org/abs/2205.07196

75. Dielectron production at midrapidity at low transverse momentum in peripheral and semi-peripheral Pb-–Pb collisions at √sNN = 5.02 TeV

ALICE Collaboration (Apr 25, 2022)

e-Print: 2204.11732 [nucl-ex]

https://arxiv.org/abs/2204.11732

76. Photoproduction of low-pT J/ψ from peripheral to central Pb-–Pb collisions at 5.02 TeV

ALICE Collaboration (Apr 22, 2022)

e-Print: 2204.10684 [nucl-ex]

https://arxiv.org/abs/2204.10684

77. W± -boson production in p-–Pb collisions at √sNN = 8.16 TeV and PbPb collisions at √sNN = 5.02 TeV

ALICE Collaboration (Apr 22, 2022)

e-Print: 2204.10640 [nucl-ex]

https://arxiv.org/abs/2204.10640

78. First measurement of antideuteron number fluctuations at energies available at the Large Hadron Collider

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10166 [nucl-ex]

https://arxiv.org/abs/2204.10166

79. Study of charged particle production at high pT using event topology in pp, p-–Pb and Pb-–Pb collisions at √sNN = 5.02 TeV

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10157 [nucl-ex]

https://arxiv.org/abs/2204.10157

80. Measurement of the J/ψ polarization with respect to the event plane in Pb-Pb collisions at the LHC

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10171 [nucl-ex]

https://arxiv.org/abs/2204.10171

81. ALICE luminosity determination for Pb-–Pb collisions at √sNN = 5.02 TeV

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10148 [nucl-ex]

https://arxiv.org/abs/2204.10148

82. System-size dependence of the charged-particle pseudorapidity density at √sNN = 5.02 TeV for pp, p-Pb, and Pb-Pb collisions

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10210 [nucl-ex]

https://arxiv.org/abs/2204.10210

83. First measurement of the Λ-Ξ interaction in proton-proton collisions at the LHC

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10258 [nucl-ex]

Physics Letters B, Available online 3 June 2022, 137223

DOI: https://doi.org/10.1016/j.physletb.2022.137223

84. Elliptic flow of charged particles at midrapidity relative to the spectator plane in Pb-Pb and Xe-Xe collisions

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10240 [nucl-ex]

Physics Letters B, Available online 19 September 2022, 137453

DOI: https://doi.org/10.1016/j.physletb.2022.137453

85. Measurements of the groomed jet radius and momentum splitting fraction with the soft drop and dynamical grooming algorithms in pp collisions at √s =5.02 TeV

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10246 [nucl-ex]

https://arxiv.org/abs/2204.10246

86. Measurement of ψ(2S) production as a function of charged-particle pseudorapidity density in pp collisions at √s = 13 TeV and p-Pb collisions at √sNN = 8.16 TeV with ALICE at the LHC

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10253 [nucl-ex]

https://arxiv.org/abs/2204.10253

87. Measurement of inclusive and leading subjet fragmentation in pp and Pb-Pb collisions at √sNN = 5.02 TeV

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10270 [nucl-ex]

https://arxiv.org/abs/2204.10270

88. Multiplicity and rapidity dependence of K*(892)0 and φ(1020) production in p-Pb collisions at √sNN = 5.02 TeV

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10263 [nucl-ex]

https://arxiv.org/abs/2204.10263

89. Measurement of the production of charm jets tagged with D0 mesons in pp collisions at √s = 5.02 and 13 TeV

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10167 [nucl-ex]

https://arxiv.org/abs/2204.10167

90. Underlying-event properties in pp and p-–Pb collisions at √sNN = 5.02 TeV

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10389 [nucl-ex]

https://arxiv.org/abs/2204.10389

91. Measurement of beauty-strange meson production in Pb-–Pb collisions at √sNN = 5.02 TeV via non-prompt DS+ mesons

ALICE Collaboration (Apr 21, 2022)

e-Print: 2204.10386 [nucl-ex]

https://arxiv.org/abs/2204.10386

92. Studies on environment-friendly gas mixtures for the Resistive Plate Chambers of the ALICE Muon Identifier

ALICE and ECOGAS Collaborations (Feb 28, 2022)

Contribution to: ICNFP 2021 • e-Print: 2202.13968 [physics.ins-det]

https://arxiv.org/abs/2202.13968

93. The ALICE Experiment Upgrades

ALICE Collaboration (Jan 21, 2022)

Contribution to: Blois 2021 • e-Print: 2201.08871 [physics.ins-det]

https://arxiv.org/abs/2201.08871

2021 г.

1. Constraining hadronization mechanisms with Λc+/D0 production ratios in Pb-Pb collisions at √sNN = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Dec 15, 2021)

e-Print: 2112.08156 [nucl-ex]

2. K*(892)0 and φ(1020) production in p-Pb collisions at √sNN = 8.16 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Oct 19, 2021)

e-Print: 2110.10042 [nucl-ex]

3. Inclusive quarkonium production in pp collisions at √s = 5.02 TeV

S. Acharya, ..., O. Karavichev, T. Karavicheva, E. Karpechev, A. Kurepin, A.N. Kurepin, A. Maevskaya, I. Pshenichnov et al., ALICE Collaboration. (Sep 30, 2021)

e-Print: 2109.15240 [nucl-ex]

За препринты за 2020-2021 год: ПРНД = (93+3)*3*0.012 = 3.456

Итоговый ПРНД: ПРНД = 112.737 + 70.495 + 3.456= 186.688