

ԷՔՍՊԵՐԻՄԵՆՏԱԼ ՖԻԶԻԿԱՅԻ ԲԱԺԱՆՄՈՒՆՔԻ

ԳԻՏԱԿԱՆ ՀՐԱՊԱՐԱԿՈՒՄՆԵՐԻ ՑԱՆԿ

2016

219 (277) հրատարակում

1. Search for long-lived charged particles in proton-proton collisions at root $s=13$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW D Volume: 94 Issue: 11 Article Number: 112004 Published: DEC 7 2016

2. D-meson production in p-Pb collisions at root $S_{NN}=5.02$ TeV and in pp collisions at root $S=7$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICAL REVIEW C Volume: 94 Issue: 5 Article Number: 054908 Published: NOV 23 2016

3. Search for the Standard Model Higgs boson produced by vector-boson fusion and decaying to bottom quarks in root $s=8$ TeV pp collisions with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 11 Article Number: 112 Published: NOV 21 2016

4. Search for third-generation scalar leptoquarks in the t tau channel in proton-proton collisions at root $s = 8$ TeV (vol 7, 042, 2015)

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 11 Article Number: 056 Published: NOV 9 2016

5. Decomposing transverse momentum balance contributions for quenched jets in PbPb collisions at root $s_{NN}=2.76$ TeV

By: Ruiz Vargas, J. C.; Khachatryan, V.; Sirunyan, A. M.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 11 Article Number: 055 Published: NOV 9 2016

6. Target and beam-target spin asymmetries in exclusive $\pi(+)$ and $\pi(-)$ electroproduction with 1.6-to 5.7-GeV electrons

By: Bosted, P. E.; Biselli, A. S.; Careccia, S.; et al.

Group Author(s): CLAS Collaboration

PHYSICAL REVIEW C Volume: 94 Issue: 5 Article Number: 055201 Published: NOV 1 2016

7. Phenomenological MSSM interpretation of CMS searches in pp collisions at $\sqrt{s}=7$ and 8 TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 10 Article Number: 129 Published: OCT 24 2016

8. Measurement of target and double-spin asymmetries for the $(e)(p) \rightarrow e \pi^{+}(n)$ reaction in the nucleon resonance region at low Q^2

By: Zheng, X.; Adhikari, K. P.; Bosted, P.; et al.

Group Author(s): CLAS Collaboration

PHYSICAL REVIEW C Volume: 94 Issue: 4 Article Number: 045206 Published: OCT 19 2016

9. Measurement of the integrated and differential $t\bar{t}$ production cross sections for high- p_T top quarks in pp collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW D Volume: 94 Issue: 7 Article Number: 072002 Published: OCT 12 2016

10. HESS Limits on Linelike Dark Matter Signatures in the 100 GeV to 2 TeV Energy Range Close to the Galactic Center

By: Abdalla, H.; Abramowski, A.; Aharonian, F.; et al.

Group Author(s): HESS Collaboration

PHYSICAL REVIEW LETTERS Volume: 117 Issue: 15 Article Number:

11. Search for new phenomena in different-flavour high-mass dilepton final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 10 Article Number: 541 Published: OCT 4 2016

12. Measurements of top-quark pair differential cross-sections in the lepton plus jets channel in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 10 Article Number: 538 Published: OCT 3 2016

13. Search for new physics with the M_{T2} variable in all-jets final states produced in pp collisions at $\sqrt{s}=13$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 10 Article Number: 006 Published: OCT

3 2016

14. Identification of Tagging Jets in VBF $H \rightarrow \tau(-)\tau(+)$ Process with CMS Experiment on Large Hadron Collider at Large Amount of Additionally Imposed pp -Interactions

By: Sirunyan, A. M.; Tumasyan, A. R.; Khachatryan, V. A.; et al.

JOURNAL OF CONTEMPORARY PHYSICS-ARMENIAN ACADEMY OF SCIENCES Volume: 51 Issue: 4 Pages: 299-306 Published: OCT 2016

15. The Laser calibration of the ATLAS Tile Calorimeter during the LHC run 1

By: Abdallah, J.; Alexa, C.; Amaral Coutinho, Y.; et al.

Group Author(s): ATLAS Tile Calorimeter System

JOURNAL OF INSTRUMENTATION Volume: 11 Article Number: T10005 Published: OCT 2016

16. Dose rate effects in the radiation damage of the plastic scintillators of the CMS hadron endcap calorimeter

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS-HCAL Collaboration

JOURNAL OF INSTRUMENTATION Volume: 11 Article Number: T10004 Published: OCT 2016

17. Ground-state binding energy of $H-4(\Lambda)$ from high-resolution decay-pion spectroscopy

By: Schulz, F.; Achenbach, P.; Aulenbacher, S.; et al.

NUCLEAR PHYSICS A Volume: 954 Pages: 149-160 Published: OCT 2016

18. Search for two Higgs bosons in final states containing two photons and two bottom quarks in proton-proton collisions at 8 TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW D Volume: 94 Issue: 5 Article Number: 052012 Published: SEP 29 2016

19. Searches for heavy diboson resonances in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 9 Article Number: 173 Published: SEP 29 2016

20. Search for top squarks in final states with one isolated lepton, jets, and missing transverse momentum in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): Collaboration, A

PHYSICAL REVIEW D Volume: 94 Issue: 5 Article Number: 052009 Published: SEP 19 2016

21. Charged-particle distributions at low transverse momentum in $\sqrt{s}=13$ TeV pp interactions measured with the ATLAS detector at the LHC

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 9 Article Number: 502 Published: SEP 15 2016

22. Measurement of transverse energy at midrapidity in Pb-Pb collisions at $\sqrt{s(NN)}=2.76$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICAL REVIEW C Volume: 94 Issue: 3 Article Number: 034903 Published: SEP 15 2016

23. Measurement of jet activity in top quark events using the $e\mu$ final state with two b-tagged jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

JOURNAL OF HIGH ENERGY PHYSICS Issue: 9 Article Number: 074 Published: SEP 13 2016

24. Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $\sqrt{S} = 8$ TeV (vol 07, 027, 2016)

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 9 Published: SEP 12 2016

25. Search for R-parity violating decays of a top squark in proton-proton collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 760 Pages: 178-201 Published: SEP 10 2016

26. Measurements of $t(\bar{t})$ charge asymmetry using dilepton final states in pp collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 760 Pages: 365-386 Published: SEP 10 2016

27. Measurement of the $Z\gamma \rightarrow \nu(\bar{\nu})\gamma$ production cross section in pp collisions at $\sqrt{s}=8$ TeV and limits on anomalous ZZ γ and Z $\gamma\gamma$ trilinear gauge boson couplings

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 760 Pages: 448-468 Published: SEP 10 2016

28. Search for TeV-scale gravity signatures in high-mass final states with leptons and jets with the ATLAS detector at $\sqrt{s}=13$ TeV

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 760 Pages: 520-537 Published: SEP 10 2016

29. Search for heavy long-lived charged R-hadrons with the ATLAS detector in 3.2 fb⁻¹ of proton-proton collision data at $\sqrt{s}=13$ TeV

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 760 Pages: 647-665 Published: SEP 10 2016

30. Multiplicity dependence of charged pion, kaon, and (anti)proton production at large transverse momentum in p-Pb collisions $\sqrt{s_{NN}}=5.02$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 760 Pages: 720-735 Published: SEP 10 2016

31. Search for Higgs boson off-shell production in proton-proton collisions at 7 and 8 TeV and derivation of constraints on its total decay width

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 9 Article Number: 051 Published: SEP 9 2016

32. Measurement of the differential cross sections for top quark pair production as a function of kinematic event variables in pp collisions at $\sqrt{s}=7$ and 8 TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): Cms Collaboration

PHYSICAL REVIEW D Volume: 94 Issue: 5 Article Number: 052006 Published: SEP 8 2016

33. Search for Dark Matter Annihilations towards the Inner Galactic Halo from 10 Years of Observations with HESS

By: Abdallah, H.; Abramowski, A.; Aharonian, F.; et al.

Group Author(s): HESS Collaboration

PHYSICAL REVIEW LETTERS Volume: 117 Issue: 11 Article Number: 111301 Published: SEP 8 2016

34. Search for scalar leptoquarks in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS experiment

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): Atlas Collaboration

NEW JOURNAL OF PHYSICS Volume: 18 Article Number: 093016 Published: SEP 7 2016

35. Measurement of total and differential W plus w- production cross sections in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector and limits on anomalous triple-gauge-boson couplings

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 9 Published: SEP 6 2016

36. Elliptic flow of electrons from heavy-flavour hadron decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s(NN)}=2.76$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 9 Article Number: 028 Published: SEP 6 2016

37. Measurements of $d(2)(n)$ and $A(1)(n)$: Probing the neutron spin structure

By: Flay, D.; Posik, M.; Parno, D. S.; et al.

Group Author(s): Jefferson Lab Hall A Collaboration

PHYSICAL REVIEW D Volume: 94 Issue: 5 Article Number: 052003 Published: SEP 6 2016

38. Search for s channel single top quark production in pp collisions at $\sqrt{s}=7$ and 8 TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): Collaboration, C

JOURNAL OF HIGH ENERGY PHYSICS Issue: 9 Article Number: 027 Published: SEP 6 2016

39. Search for Higgs and Z Boson Decays to ϕ γ with the ATLAS Detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

PHYSICAL REVIEW LETTERS Volume: 117 Issue: 11 Article Number: 111802 Published: SEP 6 2016

40. Search for pair production of Higgs bosons in the $bbbb$ final state using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 94 Issue: 5 Article Number: 052002 Published: SEP 2 2016

41. Analysis of isomeric ratios for medium-mass nuclei

By: Danagulyan, A. S.; Hovhannisyan, G. H.; Bakhshiyani, T. M.; et al.

PHYSICS OF ATOMIC NUCLEI Volume: 79 Issue: 5 Pages: 679-685 Published: SEP 2016

42. Search for resonances in diphoton events at $\sqrt{s}=13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 9 Article Number: 001 Published: SEP 1 2016

43. Measurement of exclusive $\gamma\gamma \rightarrow W+W-$ production and search for exclusive

Higgs boson production in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 94 Issue: 3 Article Number: 032011 Published: AUG 31 2016

44. Measurement of the angular coefficients in Z-boson events using electron and muon pairs from data taken at $\sqrt{s}=8$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 8 Article Number: 159 Published: AUG 29 2016

45. Interaction of B-11 with Bi-209 and Ta-181 targets at intermediate energies

By: Karapetyan, G. S.; Deppman, A.; Guimaraes, V.; et al.

PHYSICAL REVIEW C Volume: 94 Issue: 2 Article Number: 024618 Published: AUG 25 2016

46. Evidence for exclusive $\gamma\gamma \rightarrow W^{(+)}W^{(-)}$ production and constraints on anomalous quartic gauge couplings in pp collisions at and 8 TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 8 Article Number: 119 Published: AUG 22 2016

47. Search for new phenomena in final states with an energetic jet and large missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 94 Issue: 3 Article Number: 032005 Published: AUG 22 2016

48. Measurements of the charge asymmetry in top-quark pair production in the dilepton final state at $\sqrt{s}=8$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 94 Issue: 3 Article Number: 032006 Published: AUG 22 2016

49. ABC of multi-fractal spacetimes and fractional sea turtles (vol 76, 181, 2016)

By: Calcagnia, Gianluca; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 8 Article Number: 45 Published: AUG 16 2016

50. Spectroscopy of the neutron-rich hypernucleus ${}^7\Lambda\text{He}$ from electron scattering

By: Gogami, T.; Chen, C.; Kawama, D.; et al.

Group Author(s): HKS JLab E05-115 Collaboration
PHYSICAL REVIEW C Volume: 94 Issue: 2 Article Number: 021302 Published: AUG
12 2016

51. Measurement of D-meson production versus multiplicity in p-Pb collisions at root
 $s(\text{NN})=5.02$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 8 Article Number: 078 Published: AUG
11 2016

52. Search for supersymmetry in events with soft leptons, low jet multiplicity, and missing
transverse energy in proton-proton collisions at root $s=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): Cms Collaboration

PHYSICS LETTERS B Volume: 759 Pages: 9-35 Published: AUG 10 2016

53. Study of Z boson production in pPb collisions at root $S\text{-NN}=5.02$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): Cms Collaboration

PHYSICS LETTERS B Volume: 759 Pages: 36-57 Published: AUG 10 2016

54. Search for resonances in the mass distribution of jet pairs with one or two jets identified
as b-jets in proton-proton collisions at root $S=13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 759 Pages: 229-246 Published: AUG 10 2016

55. Search for neutral resonances decaying into a Z boson and a pair of b jets or tau leptons

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 759 Pages: 369-394 Published: AUG 10 2016

56. Search for supersymmetry in electroweak production with photons and large missing
transverse energy in pp collisions at root $s=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 759 Pages: 479-500 Published: AUG 10 2016

57. Search for charged Higgs bosons produced in association with a top quark and decaying
via $H\text{-+/-} \rightarrow \tau \nu$ using pp collision data recorded at root $s=13$ TeV by the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 759 Pages: 555-574 Published: AUG 10 2016

58. Measurement of $W\text{-+/-}$ and Z-boson production cross sections in pp collisions at root
 $s=13$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 759 Pages: 601-621 Published: AUG 10 2016

59. Measurement of the inelastic cross section in proton-lead collisions at $\sqrt{s(NN)}=5.02$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaborordtion

PHYSICS LETTERS B Volume: 759 Pages: 641-662 Published: AUG 10 2016

60. Search for pair production of gluinos decaying via stop and sbottom in events with b-jets and large missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 94 Issue: 3 Article Number: 032003 Published: AUG 9 2016

61. Search for new physics in same-sign dilepton events in proton-proton collisions at

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 8 Article Number: 439 Published: AUG 5 2016

62. Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 8 Pages: 1-42 Article Number: 005 Published: AUG 1 2016

63. Search for Resonant Production of High-Mass Photon Pairs in Proton-Proton Collisions at $\sqrt{s}=8$ and 13 TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW LETTERS Volume: 117 Issue: 5 Article Number: 051802 Published: JUL 28 2016

64. Charged-particle distributions in pp interactions at $\sqrt{s}=8$ TeV measured with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 7 Article Number: 403 Published: JUL 15 2016

65. Search for Narrow Resonances in Dijet Final States at $\sqrt{s}=8$ TeV with the Novel CMS Technique of Data Scouting

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW LETTERS Volume: 117 Issue: 3 Article Number:
031802 Published: JUL 14 2016

66. Search for squarks and gluinos in final states with jets and missing transverse momentum at $\sqrt{s}=13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 7 Article Number:
392 Published: JUL 12 2016

67. A search for an excited muon decaying to a muon and two jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

NEW JOURNAL OF PHYSICS Volume: 18 Article Number: 073021 Published: JUL 11
2016

68. Charged-particle distributions in $\sqrt{s}=13$ TeV pp interactions measured with the ATLAS detector at the LHC

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 758 Pages: 67-88 Published: JUL 10 2016

69. Search for supersymmetry in the multijet and missing transverse momentum final state in pp collisions at 13 TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 758 Pages: 152-180 Published: JUL 10 2016

70. Search for single production of a vector-like quark via a heavy gluon in the $4b$ final state with the ATLAS detector in pp collisions at $\sqrt{s}=8$ TeV

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 758 Pages: 249-268 Published: JUL 10 2016

71. Search for a low-mass pseudoscalar Higgs boson produced in association with a $b(b)\text{-}\bar{b}$ pair in pp collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 758 Pages: 296-320 Published: JUL 10 2016

72. Measurement of spin correlations in $t\bar{t}$ production using the matrix element method in the muon plus jets final state in pp collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 758 Pages: 321-346 Published: JUL 10 2016
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73. Multi-strange baryon production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV
By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 758 Pages: 389-401 Published: JUL 10 2016

74. Synthesis and characterization of new chitosan-based Schiff base compounds
By: Gavalyan, Vasak B.

CARBOHYDRATE POLYMERS Volume: 145 Pages: 37-47 Published: JUL 10 2016

75. Search for QCD instanton-induced processes at HERA in the high- Q^2 domain

By: Andreev, V.; Baghdasaryan, A.; Begzsuren, K.; et al.

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381 Published: JUL 7 2016

76. Measurement of $t\bar{t}$ production with additional jet activity, including b quark
jets, in the dilepton decay channel using pp collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 7 Article Number:
379 Published: JUL 7 2016

77. Measurement of event-shape observables in $Z \rightarrow l^{+}l^{-}$ events in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector at the LHC

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 7 Article Number:
375 Published: JUL 6 2016

78. Measurement of inclusive jet production and nuclear modifications in pPb collisions at
 $\sqrt{s_{NN}}=5.02$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 7 Article Number:
372 Published: JUL 4 2016

79. Measurement and tricubic interpolation of the magnetic field for the OLYMPUS
experiment

By: Bernauer, J. C.; Diefenbach, J.; Elbakian, G.; et al.

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823 Pages: 9-14 Published: JUL 1 2016

80. Search for the associated production of a Higgs boson with a single top quark in proton-
proton collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 6 Article Number: 177 Published: JUN 30 2016

81. Search for metastable heavy charged particles with large ionization energy loss in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS experiment

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 11 Article Number: 112015 Published: JUN 28 2016

82. Identification of high transverse momentum top quarks in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 6 Article Number: 093 Published: JUN 16 2016

83. Search for pair-produced vectorlike B quarks in proton-proton collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 11 Article Number: 112009 Published: JUN 15 2016

84. Forward-backward asymmetry of Drell-Yan lepton pairs in pp collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 6 Article Number: 325 Published: JUN 14 2016

85. Measurement of the relative width difference of the B^0 - \bar{B}^0 system with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): Atlas Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 6 Article Number: 081 Published: JUN 14 2016

86. Search for lepton flavour violating decays of heavy resonances and quantum black holes to an e mu pair in proton-proton collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 6 Article Number: 317 Published: JUN 10 2016

87. A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in $\sqrt{s}=8$ TeV proton-proton collisions

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 6 Article Number: 067 Published: JUN 10 2016

88. Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 757 Pages: 6-31 Published: JUN 10 2016

89. Measurement of the CP-violating weak phase $\phi(s)$ and the decay width difference $\Delta\Gamma(s)$ using the $B_s(0) \rightarrow J/\psi \phi(1020)$ decay channel in pp collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 757 Pages: 97-120 Published: JUN 10 2016

90. Inclusive and differential measurements of the $t(\bar{t})$ charge asymmetry in pp collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 757 Pages: 154-179 Published: JUN 10 2016

91. Search for new phenomena in final states with large jet multiplicities and missing transverse momentum with ATLAS using $\sqrt{s}=13$ TeV proton-proton collisions

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 757 Pages: 334-355 Published: JUN 10 2016

92. Search for new phenomena in events with a photon and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector

By: Aaboud, M.; Aad, G.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 6 Article Number: 059 Published: JUN 9 2016

93. Photoproduction of the $f(1)(1285)$ meson

By: Dickson, R.; Schumacher, R. A.; Adhikari, K. P.; et al.

Group Author(s): CLAS Collaboration

PHYSICAL REVIEW C Volume: 93 Issue: 6 Article Number: 065202 Published: JUN 9 2016

94. Photoproduction of Λ and $\Sigma(0)$ hyperons using linearly polarized photons

By: Paterson, C. A.; Ireland, D. G.; Livingston, K.; et al.

Group Author(s): CLAS Collaboration

PHYSICAL REVIEW C Volume: 93 Issue: 6 Article Number: 065201 Published: JUN 8 2016

95. Centrality Dependence of the Charged-Particle Multiplicity Density at Midrapidity in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV
By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.
Group Author(s): ALICE Collaboration
PHYSICAL REVIEW LETTERS Volume: 116 Issue: 22 Article Number: 222302 Published: JUN 3 2016
96. Measurements of Z gamma and Z gamma gamma production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector
By: Aad, G.; Abbott, B.; Abdallah, J.; et al.
Group Author(s): ATLAS Collaboration
PHYSICAL REVIEW D Volume: 93 Issue: 11 Article Number: 112002 Published: JUN 2 2016
97. Measurement of an Excess in the Yield of J/psi at Very Low p(T) in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76$ TeV
By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.
Group Author(s): ALICE Collaboration
PHYSICAL REVIEW LETTERS Volume: 116 Issue: 22 Article Number: 222301 Published: JUN 2 2016
98. Measurement of $D^{*+/-}$, $D^{+/-}$ and $D-S(+/-)$ meson production cross sections in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector
By: Aad, G.; Abbott, B.; Abdallah, J.; et al.
Group Author(s): ATLAS Collaboration
NUCLEAR PHYSICS B Volume: 907 Pages: 717-763 Published: JUN 2016
99. Differential studies of inclusive J/psi and psi (2S) production at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV
By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.
Group Author(s): ALICE Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 5 Article Number: 179 Published: MAY 31 2016
100. Search for the Standard Model Higgs boson decaying into $b\bar{b}$ produced in association with top quarks decaying hadronically in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector
By: Aad, G.; Abbott, B.; Abdallah, J.; et al.
Group Author(s): ATLAS Collaboration
JOURNAL OF HIGH ENERGY PHYSICS Issue: 5 Article Number: 160 Published: MAY 27 2016
101. Search for supersymmetry in pp collisions at $\sqrt{s}=8$ TeV in final states with boosted W bosons and b jets using razor variables
By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.
Group Author(s): CMS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 9 Article Number: 092009 Published: MAY 26 2016

102. Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 5 Article Number: 295 Published: MAY 25 2016

103. Particle identification in ALICE: a Bayesian approach

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

EUROPEAN PHYSICAL JOURNAL PLUS Volume: 131 Issue: 5 Article Number: 168 Published: MAY 25 2016

104. Muon reconstruction performance of the ATLAS detector in proton-proton collision data at $\sqrt{s}=13$ TeV

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 5 Article Number: 292 Published: MAY 23 2016

105. Measurement of the transverse momentum and $\phi(\eta)^*$ distributions of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 5 Article Number: 291 Published: MAY 23 2016

106. Measurement of the differential cross-sections of prompt and non-prompt production of J/ψ and $\psi(2S)$ in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 5 Article Number: 283 Published: MAY 20 2016

107. Measurement of the top quark mass using charged particles in pp collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 9 Article Number: 092006 Published: MAY 18 2016

108. Multipion Bose-Einstein correlations in pp, p-Pb, and Pb-Pb collisions at energies available at the CERN Large Hadron Collider

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICAL REVIEW C Volume: 93 Issue: 5 Article Number: 054908 Published: MAY 18 2016

109. Search for the standard model Higgs boson produced in association with a vector boson and decaying into a tau pair in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector
By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 9 Article Number: 092005 Published: MAY 17 2016

110. Measurements of $W(+/-)Z$ production cross sections in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector and limits on anomalous gauge boson self-couplings

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 9 Article Number: 092004 Published: MAY 13 2016

111. Measurement of the dependence of transverse energy production at large pseudorapidity on the hard-scattering kinematics of proton-proton collisions at $\sqrt{s}=2.76$ TeV with ATLAS

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 756 Pages: 10-28 Published: MAY 10 2016

112. Measurement of the charge asymmetry in highly boosted top-quark pair production in $\sqrt{s}=8$ TeV pp collision data collected by the ATLAS experiment

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 756 Pages: 52-71 Published: MAY 10 2016

113. Measurement of the ratio $B(B\text{-}s(0) \rightarrow J/\psi f(0)(980))/B(B\text{-}s(0) \rightarrow J/\psi \phi(1020))$ in pp collisions at $\sqrt{s}=7$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 756 Pages: 84-102 Published: MAY 10 2016

114. Evidence for single top-quark production in the s-channel in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector using the Matrix Element Method

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 756 Pages: 228-246 Published: MAY 10 2016

115. Beam-induced and cosmic-ray backgrounds observed in the ATLAS detector during the LHC 2012 proton-proton running period

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF INSTRUMENTATION Volume: 11 Article Number: P05013 Published:

MAY 2016

116. Search for massive WH resonances decaying into the $l \nu b(\bar{b})$ final state at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 5 Article Number: 237 Published: APR 28 2016

117. Observation of Long-Range Elliptic Azimuthal Anisotropies in $\sqrt{s}=13$ and 2.76 TeV pp Collisions with the ATLAS Detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW LETTERS Volume: 116 Issue: 17 Article Number: 172301 Published: APR 27 2016

118. Measurement of Long-Range Near-Side Two-Particle Angular Correlations in pp Collisions at $\sqrt{s}=13$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW LETTERS Volume: 116 Issue: 17 Article Number: 172302 Published: APR 27 2016

119. Probing lepton flavour violation via neutrinoless $\tau \rightarrow 3 \mu$ decays with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 5 Article Number: 232 Published: APR 26 2016

120. Search for dark matter produced in association with a Higgs boson decaying to two bottom quarks in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 7 Article Number: 072007 Published: APR 18 2016

121. Search for new phenomena in events with at least three photons collected in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 4 Article Number: 210 Published: APR 16 2016

122. Measurement of top quark polarisation in t-channel single top quark production

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

123. Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s(NN)}=5.02$ TeV with the ATLAS detector

By: Aad, G.; Abajyan, T.; Abbott, B.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 4 Article Number: 199 Published: APR 12 2016

124. First measurement of the helicity asymmetry E in eta photoproduction on the proton

By: Senderovich, I.; Morrison, B. T.; Dugger, M.; et al.

PHYSICS LETTERS B Volume: 755 Pages: 64-69 Published: APR 10 2016

125. Search for new phenomena in monophoton final states in proton-proton collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 755 Pages: 102-124 Published: APR 10 2016

126. Search for W' decaying to tau lepton and neutrino in proton-proton collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 755 Pages: 196-216 Published: APR 10 2016

127. Searches for a heavy scalar boson H decaying to a pair of 125 GeV Higgs bosons hh or for a heavy pseudoscalar boson A decaying to Zh , in the final states with $h \rightarrow \tau\tau$

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 755 Pages: 217-244 Published: APR 10 2016

128. Combination of searches for WW , WZ , and ZZ resonances in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector

By: Aad, G.; Aad, G.; Abbott, B.; et al.

Group Author(s): Atlas Collaboration

PHYSICS LETTERS B Volume: 755 Pages: 285-305 Published: APR 10 2016

129. Measurement of the top quark mass using proton-proton data at $\sqrt{s}=7$

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 7 Article Number: 072004 Published: APR 7 2016

130. Search for anomalous single top quark production in association with a photon in pp collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 4 Article Number: 035 Published: APR 6 2016

131. Search for anomalous couplings in the Wtb vertex from the measurement of double differential angular decay rates of single top quarks produced in the t -channel with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 4 Article Number: 023 Published: APR 5 2016

132. Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s}=8$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 4 Article Number: 184 Published: APR 5 2016

133. Comparison of the $Z/\gamma^* + \text{jets}$ to $\gamma + \text{jets}$ cross sections in pp collisions at $\sqrt{s} = 8$ (vol 10, 128, 2015)

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 4 Article Number: 010 Published: APR 4 2016

134. Performance of b -jet identification in the ATLAS experiment

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF INSTRUMENTATION Volume: 11 Article Number: P04008 Published: APR 2016

135. Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in pp collisions at $\sqrt{s}=7$ and 8 TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 4 Article Number: 005 Published: APR 1 2016

136. Anisotropic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{S_{NN}}=5.02$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICAL REVIEW LETTERS Volume: 116 Issue: 13 Article Number: 132302 Published: APR 1 2016

137. Event-shape engineering for inclusive spectra and elliptic flow in Pb-Pb collisions at $\sqrt{NN}-N-S=2.76$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICAL REVIEW C Volume: 93 Issue: 3 Article Number: 034916 Published: MAR 31 2016

138. Centrality, rapidity, and transverse momentum dependence of isolated prompt photon production in lead-lead collisions at $\sqrt{s_{NN}}=2.76$ TeV measured with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

PHYSICAL REVIEW C Volume: 93 Issue: 3 Article Number: 034914 Published: MAR 28 2016

139. Centrality dependence of the nuclear modification factor of charged pions, kaons, and protons in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICAL REVIEW C Volume: 93 Issue: 3 Article Number: 034913 Published: MAR 25 2016

140. Acceleration of petaelectronvolt protons in the Galactic Centre

By: Abramowski, A.; Aharonian, F.; Benkhali, F. Ait; et al.

Group Author(s): HESS Collaboration

NATURE Volume: 531 Issue: 7595 Pages: 476-+ Published: MAR 24 2016

141. Spin density matrix elements in exclusive omega electroproduction on H-1 and H-2 targets at 27.5 GeV beam energy (vol 74, 3110, 2014)

By: Airapetian, A.; Akopov, N.; Akopov, Z.; et al.

Group Author(s): HERMES Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 3 Article Number: 162 Published: MAR 23 2016

142. Search for dark matter and unparticles produced in association with a Z boson in proton-proton collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 5 Article Number: 052011 Published: MAR 22 2016

143. Search for magnetic monopoles and stable particles with high electric charges in 8 TeV pp collisions with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 5 Article Number: 052009 Published: MAR 18 2016

144. Identification of boosted, hadronically decaying W bosons and comparisons with ATLAS data taken at $\sqrt{s}=8$ TeV

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 3 Article Number:
154 Published: MAR 17 2016

145. ATLAS Run 1 searches for direct pair production of third-generation squarks at the Large Hadron Collider (vol 75, 510, 2015)

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 3 Article Number:
153 Published: MAR 17 2016

146. Study of the spin and parity of the Higgs boson in diboson decays with the ATLAS detector (vol 75, 476, 2015)

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 3 Article Number:
152 Published: MAR 17 2016

147. Search for excited leptons in proton-proton collisions at root $s=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 3 Article Number: 125 Published: MAR 17
2016

148. Search for charged Higgs bosons in the $H_{\pm} \rightarrow tb$ decay channel in pp collisions at root $s=8$ TeV using the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 3 Article Number: 127 Published: MAR 17
2016

149. Event generator tunes obtained from underlying event and multiparton scattering measurements

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 3 Article Number:
155 Published: MAR 17 2016

150. Measurement of D-s(+) production and nuclear modification factor in Pb-Pb collisions at root $S_{NN}=2.76$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 3 Article Number: 082 Published: MAR
14 2016

151. Transverse momentum dependence of D-meson production in Pb-Pb collisions at root $S_{NN}=2.76$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 3 Article Number: 081 Published: MAR 14 2016

152. High resolution spectroscopic study of Be-10(Λ)

By: Gogami, T.; Chen, C.; Kawama, D.; et al.

Group Author(s): HKS JLab E05-115 Collaboration

PHYSICAL REVIEW C Volume: 93 Issue: 3 Article Number: 034314 Published: MAR 10 2016

153. Measurement of the ZZ Production Cross Section in pp Collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW LETTERS Volume: 116 Issue: 10 Article Number: 101801 Published: MAR 10 2016

154. Transverse momentum spectra of inclusive b jets in pPb collisions at $\sqrt{s(NN)}=5.02$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 754 Pages: 59-80 Published: MAR 10 2016

155. Measurement of electrons from heavy-flavour hadron decays in p-Pb collisions at $\sqrt{s(NN)}=5.02$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 754 Pages: 81-93 Published: MAR 10 2016

156. Dijet production in $\sqrt{s}=7$ TeV pp collisions with large rapidity gaps at the ATLAS experiment

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 754 Pages: 214-234 Published: MAR 10 2016

157. Direct photon production in Pb-Pb collisions at $\sqrt{s(NN)}=2.76$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 754 Pages: 235-248 Published: MAR 10 2016

158. Search for new phenomena in dijet mass and angular distributions from pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): Atlas Collaboration

PHYSICS LETTERS B Volume: 754 Pages: 302-322 Published: MAR 10 2016

159. $(3)(\Lambda)_{\text{Hand}}(3)((\Lambda)_{\text{over-bar}})(H)_{\text{over-bar}}$ production in Pb-Pb collisions at

root $s(NN)=2.76$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 754 Pages: 360-372 Published: MAR 10 2016

160. Centrality evolution of the charged-particle pseudorapidity density over a broad pseudorapidity range in Pb-Pb collisions at root $s(NN)=2.76$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 754 Pages: 373-385 Published: MAR 10 2016

161. Measurements of $t(\bar{t})$ spin correlations and top quark polarization using dilepton final states in pp collisions at root $s=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 5 Article Number: 052007 Published: MAR 9 2016

162. Measurement of the $t(\bar{t})$ production cross section in the all-jets final state in pp collisions at root $s=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 3 Article Number: 128 Published: MAR 8 2016

163. Search for new phenomena with photon plus jet events in proton-proton collisions at TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 3 Article Number: 041 Published: MAR 8 2016

164. Search for strong gravity in multijet final states produced in pp collisions at root $s=13$ TeV using the ATLAS detector at the LHC

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 3 Article Number: 026 Published: MAR 7 2016

165. Search for the electroweak production of supersymmetric particles in root $s=8$ TeV pp collisions with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 5 Article Number: 052002 Published: MAR 4 2016

166. Measurement of jet charge in dijet events from root $s=8$ TeV pp collisions with the

ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 5 Article Number: 052003 Published: MAR 2 2016

167. Production of light nuclei and anti-nuclei in pp and Pb-Pb collisions at energies available at the CERN Large Hadron Collider

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICAL REVIEW C Volume: 93 Issue: 2 Article Number: 024917 Published: FEB 29 2016

168. Measurement of the differential cross-section of highly boosted top quarks as a function of their transverse momentum in $\sqrt{s}=8$ TeV proton-proton collisions using the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 3 Article Number: 032009 Published: FEB 26 2016

169. Search for pair production of first and second generation leptoquarks in proton-proton collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration; Harkonen, J

PHYSICAL REVIEW D Volume: 93 Issue: 3 Article Number: 032004 Published: FEB 24 2016

170. Search for single production of scalar leptoquarks in proton-proton collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): Butz, E; CMS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 3 Article Number: 032005 Published: FEB 24 2016

171. Correlations between jets and charged particles in PbPb and pp collisions at $\sqrt{s(NN)}=2.76$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 2 Article Number: 156 Published: FEB 23 2016

172. Search for a massive resonance decaying into a Higgs boson and a W or Z boson in hadronic final states in proton-proton collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 2 Article Number: 145 Published: FEB 22 2016

173. Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s}=8$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 2 Article Number: 87 Published: FEB 19 2016

174. Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, p-Pb, and Pb-Pb collisions at the LHC

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 2 Article Number: 86 Published: FEB 19 2016

175. Search for $W' \rightarrow tb$ in proton-proton collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 2 Article Number: 122 Published: FEB 18 2016

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By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 3 Article Number: 034014 Published: FEB 18 2016

177. Search for Narrow Resonances Decaying to Dijets in Proton-Proton Collisions at $\sqrt{s}=13$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW LETTERS Volume: 116 Issue: 7 Published: FEB 18 2016

178. Search for the production of single vector-like and excited quarks in the Wt final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 2 Article Number: 10 Published: FEB 17 2016

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By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 2 Article Number:
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By: Narayan, A.; Jones, D.; Cornejo, J. C.; et al.

PHYSICAL REVIEW X Volume: 6 Issue: 1 Article Number: 011013 Published: FEB 16
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181. Elliptic flow of muons from heavy-flavour hadron decays at forward rapidity in Pb-Pb
collisions at $\sqrt{s(NN)}=2.76\text{TeV}$

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 753 Pages: 41-56 Published: FEB 10 2016

182. Constraints on non-Standard Model Higgs boson interactions in an effective Lagrangian
using differential cross sections measured in the $H \rightarrow \gamma\gamma$ decay channel at $\sqrt{s}=8\text{ TeV}$
with the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

PHYSICS LETTERS B Volume: 753 Pages: 69-85 Published: FEB 10 2016

183. Forward-central two-particle correlations in p-Pb collisions at $\sqrt{s(NN)}=5.02\text{ TeV}$

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 753 Pages: 126-139 Published: FEB 10 2016

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proton collisions at $\sqrt{s}=13\text{ TeV}$

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

PHYSICS LETTERS B Volume: 753 Pages: 319-329 Published: FEB 10 2016

185. Search for a Higgs boson decaying into $\gamma^*\gamma \rightarrow \ell\ell\gamma$ with low dilepton
mass in pp collisions at $\sqrt{s}=8\text{ TeV}$

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 753 Pages: 341-362 Published: FEB 10 2016

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photons

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

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By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration
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By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration
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By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration
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By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration
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By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration
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By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration
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By: Gevorgian, L.; Ajvazyan, R.; Kakoyan, V.; et al.

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By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration
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195. Search for invisible decays of a Higgs boson using vector-boson fusion in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector
By: Aad, G.; Abbott, B.; Abdallah, J.; et al.
Group Author(s): ATLAS Collaboration
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By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.
Group Author(s): Cms Collaboration
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197. Search for an additional, heavy Higgs boson in the decay channel at in collision data with the ATLAS detector
By: Aad, G.; Abbott, B.; Abdallah, J.; et al.
Group Author(s): ATLAS Collaboration
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By: Andreev, V.; Baghdasaryan, A.; Begzsuren, K.; et al.
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By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.
Group Author(s): CMS Collaboration
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By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.
Group Author(s): CMS Collaboration
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By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.
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decays in the helicity basis at $\sqrt{s}=7$ TeV using the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

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203. Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into tau leptons in pp collisions at $\sqrt{s}=8$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1 Article Number: 079 Published: JAN 13 2016

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By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 1 Article Number: 13 Published: JAN 11 2016

205. Measurement of the production cross-section of a single top quark in association with a W boson at 8 TeV with the ATLAS experiment

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

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By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 752 Pages: 146-168 Published: JAN 10 2016

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By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICS LETTERS B Volume: 752 Pages: 221-246 Published: JAN 10 2016

208 Search for weakly decaying $(\Lambda n)_{\text{over-bar}}$ and $\Lambda \Lambda$ exotic bound states in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}}=2.76$ TeV

By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

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By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 1 Article Number:
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By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

PHYSICAL REVIEW D Volume: 93 Issue: 1 Article Number: 012001 Published: JAN 8
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additional b-jets in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 1 Article Number:
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By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

JOURNAL OF HIGH ENERGY PHYSICS Issue: 1 Article Number: 032 Published: JAN 7
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213. Study of the $B_c(+) \rightarrow J/\psi D_s(+)$ and $B_c(+) \rightarrow J/\psi D_s^*(+)$ decays with the ATLAS
detector

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 1 Article Number: 4 Published:
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using pp collision data at $\sqrt{s}=7$ and 8 TeV in the ATLAS experiment

By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 1 Article Number: 6 Published:
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By: Aad, G.; Abbott, B.; Abdallah, J.; et al.

Group Author(s): ATLAS Collaboration

EUROPEAN PHYSICAL JOURNAL C Volume: 76 Issue: 1 Article Number: 5 Published:
JAN 5 2016

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collisions at $\sqrt{s(NN)}=2.76$ TeV

By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

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By: Ayvazyan, G. M.; Gulkanyan, H. R.; Pogosov, V. S.; et al.

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By: Khachatryan, V.; Sirunyan, A. M.; Tumasyan, A.; et al.

Group Author(s): CMS Collaboration

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By: Adam, J.; Adamova, D.; Aggarwal, M. M.; et al.

Group Author(s): ALICE Collaboration

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By: Balabekyan, A. R.; Karapetyan, G. S.; Demekhina, N. A.; et al.

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By: Hayrapetyan, D. B.; Amirkhanyan, S. M.; Kazaryan, E. M.; et al.

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