

Vedecké publikácie / Scientific publications

Institute: SAVEXFYZ - Ústav experimentálnej fyziky SAV
Year of publication 2016~2021

Big collaborations

Statistics publication category

ADCA	Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)	764
Count		764

ADCA Scientific papers in foreign journals registered in Current Contents Connect with IF (impacted)

ADCA01 AABOUD, M. - AAD, G. - ABBOTT, B. - ABDALLAH, J. - ABDINOV, O. - BRUNCKO, Dušan - KLADIVA, Eduard - STRÍŽENEC, Pavol. A measurement of material in the ATLAS tracker using secondary hadronic interactions in 7 TeV pp collisions. In *Journal of Instrumentation*, 2016, vol. 11, art. no. P11020. (2015: 1.310 - IF, Q2 - JCR, 0.833 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 1748-0221. Dostupné na: <https://doi.org/10.1088/1748-0221/11/11/P11020>

ADCA02 AABOUD, M. - AAD, G. - ABBOTT, B. - ABDALLAH, J. - ABDINOV, O. - BRUNCKO, Dušan - KLADIVA, Eduard - STRÍŽENEC, Pavol. A measurement of the calorimeter response to single hadrons and determination of the jet energy scale uncertainty using LHC Run-1 pp-collision data with the ATLAS detector. In *European Physical Journal C*, 2017, vol. 77, no. 1, art. no. 26. (2016: 5.297 - IF, Q1 - JCR, 1.653 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents, WOS, SCOPUS). ISSN 1434-6044. Dostupné na: <https://doi.org/10.1140/epjc/s10052-016-4580-0>

ADCA03 AAD, G. - ABBOTT, B. - ABDALLAH, J. - ABDINOV, O. - ABEN, R. - ANTOŠ, Jaroslav - BRUNCKO, Dušan - KLADIVA, Eduard - STRÍŽENEC, Pavol. A new method to distinguish hadronically decaying boosted Z bosons from W bosons using the ATLAS detector. In *European Physical Journal C*, 2016, vol. 76, no. 5, art. no. 238. (2015: 4.912 - IF, Q1 - JCR, 1.139 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 1434-6044. Dostupné na: <https://doi.org/10.1140/epjc/s10052-016-4065-1>

ADCA04 AAD, G. - ABBOTT, B. - ABDALLAH, J. - ABDINOV, O. - ABELOOS, B. - ANTOŠ, Jaroslav - BRUNCKO, Dušan - KLADIVA, Eduard - STRÍŽENEC, Pavol. 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. In *New Journal of Physics*, 2016, vol. 18, no. 7, art. no. 073021. (2015: 3.570 - IF, Q1 - JCR, 2.330 - SJR, Q1 - SJR, Current

Contents - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 1367-2630.
Dostupné na: <https://doi.org/10.1088/1367-2630/18/7/073021>

- ADCA05 AABOUD, M. - AAD, G. - ABBOTT, B. - ABDINOV, O. - ABELOOS, B. - BRUNCKO, Dušan - KLADIVA, Eduard - STRÍŽENEC, Pavol - URBÁN, Jozef. A search for pair-produced resonances in four-jet final states at root s=13 TeV with the ATLAS detector. In *European Physical Journal C*, 2018, vol. 78, no. 3, art. no. 250. (2017: 5.172 - IF, Q1 - JCR, 2.022 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents, WOS, SCOPUS). ISSN 1434-6044. Dostupné na: <https://doi.org/10.1140/epjc/s10052-018-5693-4>
- ADCA06 AAD, G. - ABBOTT, B. - ABDALLAH, J. - ABDINOV, O. - ABEN, R. - ANTOŠ, Jaroslav - BRUNCKO, Dušan - KLADIVA, Eduard - STRÍŽENEC, Pavol. A search for prompt lepton-jets in pp collisions at root s=8 TeV with the ATLAS detector. In *Journal of High Energy Physics*, 2016, vol. 2016, no. 2, art. no. 062. (2015: 6.023 - IF, Q1 - JCR, 1.343 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 1029-8479. Dostupné na: [https://doi.org/10.1007/JHEP02\(2016\)062](https://doi.org/10.1007/JHEP02(2016)062)
- ADCA07 AABOUD, M. - AAD, G. - ABBOTT, B. - ABDINOV, O. - ABELOOS, B. - BRUNCKO, Dušan - KLADIVA, Eduard - STRÍŽENEC, Pavol - URBÁN, Jozef. A search for resonances decaying into a Higgs boson and a new particle X in the XH - qqbb final state with the ATLAS detector. In *Physics Letters B*, 2018, vol. 779, p. 24-45. (2017: 4.254 - IF, Q1 - JCR, 2.336 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents, WOS, SCOPUS). ISSN 0370-2693. Dostupné na: <https://doi.org/10.1016/j.physletb.2018.01.042>
- ADCA08 AAD, G. - ABBOTT, B. - ABBOTT, D.C. - ABED ABUD, A. - ABELING, K. - BRUNCKO, Dušan - MURÍN, Pavol - SMIEŠKO, Juraj - SOPKOVÁ, Filoména - STRÍŽENEC, Pavol - URBÁN, Jozef. A search for the decays of stopped long-lived particles at root s=13 TeV with the ATLAS detector. In *Journal of High Energy Physics*, 2021, no. 7, art. no. 173. (2020: 5.810 - IF, Q1 - JCR, 0.998 - SJR, Q2 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 1029-8479. Dostupné na: [https://doi.org/10.1007/JHEP07\(2021\)173](https://doi.org/10.1007/JHEP07(2021)173)
- ADCA09 AAD, G. - ABBOTT, B. - ABBOTT, D.C. - ABED ABUD, A. - ABELING, K. - BRUNCKO, Dušan - MURÍN, Pavol - SMIEŠKO, Juraj - SOPKOVÁ, Filoména - STRÍŽENEC, Pavol - URBÁN, Jozef. A search for the dimuon decay of the Standard Model Higgs boson with the ATLAS detector. In *Physics Letters B : Nuclear, Elementary Particle and High-Energy Physics*, 2021, vol. 812, art. no. 135980. (2020: 4.771 - IF, Q1 - JCR, 2.093 - SJR, Q1 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 0370-2693. Dostupné na: <https://doi.org/10.1016/j.physletb.2020.135980>
- ADCA10 AAD, G. - ABBOTT, B. - ABBOTT, D.C. - ABED ABUD, A. - ABELING, K. - BRUNCKO, Dušan - STRÍŽENEC, Pavol - URBÁN, Jozef. A search for the Z gamma decay mode of the Higgs boson in pp collisions at root s=13 TeV with the ATLAS detector. In *Physics Letters B : Nuclear, Elementary Particle and High-Energy Physics*, 2020, vol. 809, art. no. 135754. (2019: 4.384 - IF, Q1 - JCR, 1.795 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS,

SCOPUS). ISSN 0370-2693. Dostupné na:
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- ADCA11 AAD, G. - ABBOTT, B. - ABDALLAH, J. - ABDINOV, O. - ABELOOS, B. - ANTOŠ, Jaroslav - BRUNCKO, Dušan - KLADIVA, Eduard - STRÍŽENEC, Pavol. A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in root s=8 TeV proton-proton collisions. In *Journal of High Energy Physics*, 2016, vol. 2016, no. 6, art. no. 067. (2015: 6.023 - IF, Q1 - JCR, 1.343 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 1029-8479. Dostupné na:
[https://doi.org/10.1007/JHEP06\(2016\)067](https://doi.org/10.1007/JHEP06(2016)067)
- ADCA12 AABOUD, M. - AAD, G. - ABBOTT, B. - ABDINOV, O. - ABELOOS, B. - BRUNCKO, Dušan - STRÍŽENEC, Pavol - URBÁN, Jozef. A strategy for a general search for new phenomena using data-derived signal regions and its application within the ATLAS experiment. In *European Physical Journal C*, 2019, vol. 79, no. 2, art. no. 120. (2018: 4.843 - IF, Q1 - JCR, 1.972 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 1434-6044. Dostupné na:
<https://doi.org/10.1140/epjc/s10052-019-6540-y>
- ADCA13 AAD, G. - ABBOTT, B. - ABBOTT, D.C. - ABED ABUD, A. - ABELING, K. - BRUNCKO, Dušan - SMIEŠKO, Juraj - STRÍŽENEC, Pavol - URBÁN, Jozef. Alignment of the ATLAS Inner Detector in Run 2. In *European Physical Journal C*, 2020, vol. 80, no. 12, art. no. 1194. (2019: 4.389 - IF, Q1 - JCR, 1.763 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 1434-6044. Dostupné na: <https://doi.org/10.1140/epjc/s10052-020-08700-6>
- ADCA14 ACHARYA, S. - ACOSTA, F.T. - ADAMOVÁ, D. - ADOLFSSON, J. - AGGARWAL, M.M. - KALIŇÁK, Peter - KRÁLIK, Ivan - KRIVDA, Marián - MUŠINSKÝ, Ján - VALA, Martin. Analysis of the apparent nuclear modification in peripheral Pb-Pb collisions at 5.02 TeV. In *Physics Letters B*, 2019, vol. 793, p. 420-432. (2018: 4.162 - IF, Q2 - JCR, 1.806 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 0370-2693. Dostupné na:
<https://doi.org/10.1016/j.physletb.2019.04.047>
- ADCA15 AABOUD, M. - AAD, G. - ABBOTT, B. - ABDALLAH, J. - ABDINOV, O. - BRUNCKO, Dušan - KLADIVA, Eduard - STRÍŽENEC, Pavol. Analysis of the Wtb vertex from the measurement of triple-differential angular decay rates of single top quarks produced in the t-channel at root s=8 TeV with the ATLAS detector. In *Journal of High Energy Physics*, 2017, no. 12, art. no. 017. (2016: 6.063 - IF, Q1 - JCR, 1.163 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents, WOS, SCOPUS). ISSN 1029-8479. Dostupné na:
[https://doi.org/10.1007/JHEP12\(2017\)017](https://doi.org/10.1007/JHEP12(2017)017)
- ADCA16 AABOUD, M. - AAD, G. - ABBOTT, B. - ABDINOV, O. - ABELOOS, B. - BRUNCKO, Dušan - KLADIVA, Eduard - STRÍŽENEC, Pavol - URBÁN, Jozef. Angular analysis of B-d(0) - K* mu(+)mu(-) decays in pp collisions at root s=8 TeV with the ATLAS detector. In *Journal of High Energy Physics*, 2018, no. 10, art. no. 047. (2017: 5.541 - IF, Q1 - JCR, 1.227 - SJR, Q1 - SJR, Current Contents - CCC).

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- ADCA17 ACHARYA, S. - ACOSTA, F.T. - ADAMOVÁ, D. - ADOLFSSON, J. - AGGARWAL, M.M. - KALIŇÁK, Peter - KRÁLIK, Ivan - KRIVDA, Marián - MUŠINSKÝ, Ján - VALA, Martin. Anisotropic flow in Xe-Xe collisions at root $s(\text{NN})=5.44$ TeV. In *Physics Letters B*, 2018, vol. 784, p. 82-95. (2017: 4.254 - IF, Q1 - JCR, 2.336 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents, WOS, SCOPUS). ISSN 0370-2693. Dostupné na:
<https://doi.org/10.1016/j.physletb.2018.06.059>
- ADCA18 ADAM, J. - ADAMOVÁ, D. - AGGARWAL, M.M. - AGLIERI RINELLA, G. - AGNELLO, M. - KALIŇÁK, Peter - KRÁLIK, Ivan - KRIVDA, Marián - MUŠINSKÝ, Ján - ŠÁNDOR, Ladislav - VALA, Martin. Anisotropic Flow of Charged Particles in Pb-Pb Collisions at root $s(\text{NN})=5.02$ TeV. In *Physical Review Letters*, 2016, vol. 116, no. 13, art. no. 132302. (2015: 7.645 - IF, Q1 - JCR, 4.656 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 0031-9007. Dostupné na:
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- ADCA19 ACHARYA, S. - ADAMOVÁ, D. - ADLER, A. - AGLIERI RINELLA, G. - AGNELLO, M. - KALIŇÁK, Peter - KRÁLIK, Ivan - KRIVDA, Marián - MUŠINSKÝ, Ján - VALA, Martin. Anisotropic flow of identified hadrons in Xe-Xe collisions at root $s(\text{NN})=5.44$ TeV. ALICE Collaboration. In *Journal of High Energy Physics*, 2021, no. 10, art. no. 152. (2020: 5.810 - IF, Q1 - JCR, 0.998 - SJR, Q2 - SJR, Current Contents - CCC). (2021 - Current Contents, WOS, SCOPUS). ISSN 1029-8479. Dostupné na: [https://doi.org/10.1007/JHEP10\(2021\)152](https://doi.org/10.1007/JHEP10(2021)152)
- ADCA20 ACHARYA, S. - ACOSTA, F.T. - ADAMOVÁ, D. - ADOLFSSON, J. - AGGARWAL, M.M. - KALIŇÁK, Peter - KRÁLIK, Ivan - KRIVDA, Marián - MUŠINSKÝ, Ján - VALA, Martin. Anisotropic flow of identified particles in Pb-Pb collisions at root $s(\text{NN})=5.02$ TeV. In *Journal of High Energy Physics*, 2018, no. 9, art. no. 006. (2017: 5.541 - IF, Q1 - JCR, 1.227 - SJR, Q1 - SJR, Current Contents - CCC). (2018 - Current Contents, WOS, SCOPUS). ISSN 1029-8479. Dostupné na:
[https://doi.org/10.1007/JHEP09\(2018\)006](https://doi.org/10.1007/JHEP09(2018)006)
- ADCA21 ADAM, J. - ADAMOVÁ, D. - AGGARWAL, M.M. - AGLIERI RINELLA, G. - AGNELLO, M. - KALIŇÁK, Peter - KRÁLIK, Ivan - KRIVDA, Marián - MUŠINSKÝ, Ján - VALA, Martin. Anomalous Evolution of the Near-Side Jet Peak Shape in Pb-Pb Collisions at root $S\text{-NN}=2.76$ TeV. In *Physical Review Letters*, 2017, vol. 119, no. 10, art. no. 102301. (2016: 8.462 - IF, Q1 - JCR, 4.196 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0031-9007. Dostupné na: <https://doi.org/10.1103/PhysRevLett.119.102301>
- ADCA22 AAD, G. - ABBOTT, B. - ABBOTT, D.C. - ABED ABUD, A. - ABELING, K. - BRUNCKO, Dušan - STRÍŽENEC, Pavol - URBÁN, Jozef. ATLAS b-jet identification performance and efficiency measurement with $t(\bar{t})$ events in pp collisions at root $s=13$ TeV. In *European Physical Journal C*, 2019, vol. 79, no. 11, art. no. 970. (2018: 4.843 - IF, Q1 - JCR, 1.972 - SJR, Q1 - SJR, Current

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- ADCA24 ACHARYA, S. - ADAMOVÁ, D. - ADOLFSSON, J. - AGGARWAL, M.M. - AGLIERI RINELLA, G. - KALIŇÁK, Peter - KRÁLIK, Ivan - KRIVDA, Marián - MUŠINSKÝ, Ján - VALA, Martin. Azimuthal Anisotropy of Heavy-Flavor Decay Electrons in p-Pb Collisions at root s(NN)=5.02 TeV. In *Physical Review Letters*, 2019, vol. 122, no. 7, art. no. 072301. (2018: 9.227 - IF, Q1 - JCR, 3.571 - SJR, Q1 - SJR, Current Contents - CCC). (2019 - Current Contents, WOS, SCOPUS). ISSN 0031-9007. Dostupné na: <https://doi.org/10.1103/PhysRevLett.122.072301>
- ADCA25 ADAM, J. - ADAMOVÁ, D. - AGGARWAL, M.M. - AGLIERI RINELLA, G. - AGNELLO, M. - KALIŇÁK, Peter - KRÁLIK, Ivan - KRIVDA, Marián - MUŠINSKÝ, Ján - ŠÁNDOR, Ladislav - VALA, Martin. Azimuthal anisotropy of charged jet production in root s(NN)=2.76 TeV Pb-Pb collisions. In *Physics Letters B*, 2016, vol. 753, p. 511-525. (2015: 4.787 - IF, Q1 - JCR, 3.320 - SJR, Q1 - SJR, Current Contents - CCC). (2016 - Current Contents, WOS, SCOPUS). ISSN 0370-2693. Dostupné na: <https://doi.org/10.1016/j.physletb.2015.12.047>
- ADCA26 ACHARYA, S. - ADAMOVÁ, D. - ADLER, A. - ADOLFSSON, J. - AGGARWAL, M.M. - KALIŇÁK, Peter - KRÁLIK, Ivan - KRIVDA, Marián - MUŠINSKÝ, Ján - VALA, Martin. Azimuthal correlations of prompt D mesons with charged particles in pp and p-Pb collisions at root s(NN)=5.02 TeV. In *European Physical Journal C*, 2020, vol. 80, no. 10, art. no. 979. (2019: 4.389 - IF, Q1 - JCR, 1.763 - SJR, Q1 - SJR, Current Contents - CCC). (2020 - Current Contents, WOS, SCOPUS). ISSN 1434-6044. Dostupné na: <https://doi.org/10.1140/epjc/s10052-020-8118-0>
- ADCA27 ADAMOVÁ, D. - AGGARWAL, M.M. - AGLIERI RINELLA, G. - AGNELLO, M. - AGRAWAL, N. - KALIŇÁK, Peter - KRÁLIK, Ivan - KRIVDA, Marián - MUŠINSKÝ, Ján - VALA, Martin. Azimuthally Differential Pion Femtoscopy in Pb-Pb Collisions at root s(NN)=2.76 TeV. In *Physical Review Letters*, 2017, vol. 118, no. 22, art. no. 222301. (2016: 8.462 - IF, Q1 - JCR, 4.196 - SJR, Q1 - SJR, Current Contents - CCC). (2017 - Current Contents). ISSN 0031-9007. Dostupné na: <https://doi.org/10.1103/PhysRevLett.118.222301>
- ADCA28 ACHARYA, S. - ACOSTA, F.T. - ADAMOVÁ, D. - ADOLFSSON, J. - AGGARWAL, M.M. - KALIŇÁK, Peter - KRÁLIK, Ivan - KRIVDA, Marián - MUŠINSKÝ, Ján - VALA, Martin. Azimuthally-differential pion femtoscopy relative to the third harmonic event plane in Pb-Pb collisions at root(NN)-N-S=2.76TeV. In *Physics Letters B*, 2018, vol. 785, p. 320-331. (2017: 4.254 - IF, Q1 - JCR, 2.336 - SJR, Q1 - SJR, Current Contents - CCC). (2018 -

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- ADCA29 ACHARYA, S. - ADAMOVÁ, D. - ADLER, A. - ADOLFSSON, J. -
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<https://doi.org/10.1103/PhysRevLett.127.202301>
- ADCA30 ACHARYA, S. - ADAMOVÁ, D. - ADLER, A. - ADOLFSSON, J. -
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<https://doi.org/10.1103/PhysRevC.104.054905>
- ADCA31 AAD, G. - ABBOTT, B. - ABDALLAH, J. - ABDINOV, O. - ABELOOS, B. -
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- ADCA32 ACHARYA, S. - ACOSTA, F.T. - ADAMOVÁ, D. - ADHYA, S.P. - ADLER,
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- ADCA33 ACHARYA, S. - ACOSTA, F.T. - ADAMOVÁ, D. - ADOLFSSON, J. -
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- ADCA34 ACHARYA, S. - ADAMOVÁ, D. - ADLER, A. - ADOLFSSON, J. -
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NN=5.02 TeV. In *Physics Letters B : Nuclear, Elementary Particle and*

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