Physics Publications with Major Personal Contributions

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June 2, 2022

- A.M. Sirunyan et al., Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at $\sqrt{s} = 13$ TeV, JHEP. 04 (2020) 171, doi:10.1007/JHEP04(2020)171, arXiv:1908.01115 [hep-ex]
- A.M. Sirunyan et al., Observation of the Production of Three Massive Gauge Bosons at \sqrt{s} =13 TeV, Phys. Rev. Lett. 125 (2020) 151802, doi:10.1103/PhysRevLett.125.151802, arXiv:2006.11191 [hep-ex]
- A.M. Sirunyan et al., Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in protonproton collisions at $\sqrt{s} = 13 TeV$, Eur. Phys. J. C. 79 (2019) 280, doi:10.1140/epjc/s10052-019-6730-7, arXiv:1811.06562 [hep-ex]
- A.M. Sirunyan et al., Search for the production of W \pm W \pm W \pm events at $\sqrt{s} = 13$ TeV, Phys. Rev. D. 100 (2019) 012004, doi:10.1103/PhysRevD.100.012004, arXiv:1905.04246 [hep-ex]
- A.M. Sirunyan et al., Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV, JHEP. 03 (2018) 076, doi:10.1007/s13130-018-7845-2, arXiv:1709.08908 [hep-ex]
- A.M. Sirunyan et al., Search for standard model production of four top quarks with same-sign and multilepton final states in protonproton collisions at $\sqrt{s} = 13 TeV$, Eur. Phys. J. C. 78 (2018) 140, doi:10.1140/epjc/s10052-018-5607-5, arXiv:1710.10614 [hep-ex]
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- A.M. Sirunyan et al., Searches for pair production of third-generation squarks in $\sqrt{s} = 13 TeV$ pp collisions, Eur. Phys. J. C. 77 (2017) 327, doi:10.1140/epjc/s10052-017-4853-2, arXiv:1612.03877 [hep-ex]
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- A.M. Sirunyan et al., Search for electroweak production of charginos and neutralinos in WH events in protonproton collisions at $\sqrt{s} = 13$ TeV, JHEP. 11 (2017) 029, doi:10.1007/JHEP11(2017)029, arXiv:1706.09933 [hep-ex]
- A.M. Sirunyan et al., Search for new phenomena with the M_{T2} variable in the all-hadronic final state produced in protonproton collisions at $\sqrt{s}=13TeV$, Eur. Phys. J. C. 77 (2017) 710, doi:10.1140/epjc/s10052-017-5267-x, arXiv:1705.04650 [hep-ex]
- A.M. Sirunyan et al., Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in protonproton collisions at $\sqrt{s} = 13 TeV$, Eur. Phys. J. C. 77 (2017) 578, doi:10.1140/epjc/s10052-017-5079-z, arXiv:1704.07323 [hep-ex]
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June 2, 2022 1 of 3

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- V. Khachatryan et al., Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W, Z, and Higgs bosons in pp collisions at 8 TeV, Eur. Phys. J. C. 74 (2014) 3036, doi:10.1140/epjc/s10052-014-3036-7, arXiv:1405.7570 [hep-ex]
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June 2, 2022 2 of 3

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- O. Gutsche, Development of the trigger algorithm for the MONOLITH experiment, (2001), DESY report: DESY-THESIS-2001-020
 - Full List of Computing Publications with Major Personal Contributions can be found here.
 - Full List of Publications from all Collaborations and Experiments can be found here.

June 2, 2022 3 of 3