

Publication List

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- M. Aaboud et al., **Combinations of single-top-quark production cross-section measurements and $|f_{LV}V_{tb}|$ determinations at $\sqrt{s} = 7$ and 8 TeV with the ATLAS and CMS experiments**, (2019), arXiv:1902.07158 [hep-ex]
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- M. Cremonesi et al., **Using Big Data Technologies for HEP Analysis**, (2019), arXiv:1901.07143 [cs.DC]
- A.M. Sirunyan et al., **Non-Gaussian elliptic-flow fluctuations in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV**, *Phys. Lett. B* 789 (2019) 643–665, doi:10.1016/j.physletb.2018.11.063, arXiv:1711.05594 [nucl-ex]
- A.M. Sirunyan et al., **Study of the underlying event in top quark pair production in pp collisions at 13 TeV**, *Eur. Phys. J. C* 79 (2019) 123, doi:10.1140/epjc/s10052-019-6620-z, arXiv:1807.02810 [hep-ex]
- A.M. Sirunyan et al., **Search for pair production of first-generation scalar leptoquarks at $\sqrt{s} = 13$ TeV**, *Phys. Rev. D* 99 (2019) 052002, doi:10.1103/PhysRevD.99.052002, arXiv:1811.01197 [hep-ex]
- A.M. Sirunyan et al., **Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV**, *JHEP*. 02 (2019) 074, doi:10.1007/JHEP02(2019)074, arXiv:1810.00196 [hep-ex]
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- A.M. Sirunyan et al., **Search for pair-produced three-jet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV**, *Phys. Rev. D* 99 (2019) 012010, doi:10.1103/PhysRevD.99.012010, arXiv:1810.10092 [hep-ex]
- A.M. Sirunyan et al., **Measurements of properties of the Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s} = 13$ TeV**, *Phys. Lett. B* 791 (2019) 96, doi:10.1016/j.physletb.2018.12.073, arXiv:1806.05246 [hep-ex]
- A.M. Sirunyan et al., **Inclusive search for supersymmetry in pp collisions at $\sqrt{s} = 13$ TeV using razor variables and boosted object identification in zero and one lepton final states**, *JHEP*. 03 (2019) 031, doi:10.1007/JHEP03(2019)031, arXiv:1812.06302 [hep-ex]
- A.M. Sirunyan et al., **Search for a W boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state**, *JHEP*. 03 (2019) 127, doi:10.1007/JHEP03(2019)127, arXiv:1811.07010 [hep-ex]
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- M. Bellis et al., **HEP Software Foundation Community White Paper Working Group – Visualization**, (2018), arXiv:[1811.10309 \[physics.comp-ph\]](#)
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