Publication List

Oliver Gutsche

September 1, 2020

- G. Aad et al., Combination of the W boson polarization measurements in top quark decays using ATLAS and CMS data at $\sqrt{s} = 8$ TeV, *JHEP*. 08 (2020) 051, doi:10.1007/JHEP08(2020)051, arXiv:2005.03799 [hep-ex]
- A.M. Sirunyan et al., Search for direct pair production of supersymmetric partners to the τ lepton in proton-proton collisions at $\sqrt{s} = 13$ TeV, Eur. Phys. J. C80 (2020) 189, doi:10.1140/epjc/s10052-020-7739-7, arXiv:1907.13179 [hep-ex]
- A.M. Sirunyan et al., Measurement of top quark pair production in association with a **Z** boson in proton-proton collisions at $\sqrt{s} = 13$ TeV, *JHEP*. 03 (2020) 056, doi:10.1007/JHEP03(2020)056, arXiv:1907.11270 [hep-ex]
- A.M. Sirunyan et al., Measurement of the single top quark and antiquark production cross sections in the t channel and their ratio in proton-proton collisions at $\sqrt{s} = 13$ TeV, Phys. Lett. B800 (2020) 135042, doi:10.1016/j.physletb.2019.135042, arXiv:1812.10514 [hep-ex]
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- A.M. Sirunyan et al., Extraction and validation of a new set of CMS PYTHIA8 tunes from underlying-event measurements, Eur. Phys. J. C80 (2020) 4, doi:10.1140/epjc/s10052-019-7499-4, arXiv:1903.12179 [hep-ex]
- A.M. Sirunyan et al., Calibration of the CMS hadron calorimeters using proton-proton collision data at $\sqrt{s} =$ 13 TeV, JINST. 15 (2020) P05002, doi:10.1088/1748-0221/15/05/P05002, arXiv:1910.00079 [physics.ins-det]
- A.M. Sirunyan et al., Observation of nuclear modifications in W $^{\pm}$ boson production in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV, Phys. Lett. B800 (2020) 135048, doi:10.1016/j.physletb.2019.135048, arXiv:1905.01486 [hep-ex]
- A.M. Sirunyan et al., Observation of the $\Lambda_b^0 \to \mathbf{J}/\psi \Lambda \phi$ decay in proton-proton collisions at $\sqrt{s} = \mathbf{13}$ TeV, Phys. Lett. B802 (2020) 135203, doi:10.1016/j.physletb.2020.135203, arXiv:1911.03789 [hep-ex]
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