## Publication List

## Oliver Gutsche

## February 1, 2021

- A.M. Sirunyan et al., Correlations of azimuthal anisotropy Fourier harmonics in pPb collisions at  $\sqrt{s_{NN}} = 8.16$  TeV, Phys. Rev. C103 (2021) 014902, doi:10.1103/PhysRevC.103.014902, arXiv:1905.09935 [hep-ex]
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- A.M. Sirunyan et al., Search for dark matter produced in association with a leptonically decaying Z boson in proton-proton collisions at  $\sqrt{s} = 13$  TeV, Eur. Phys. J. C81 (2021) 13, doi:10.1140/epjc/s10052-020-08739-5, arXiv:2008.04735 [hep-ex]
- A.M. Sirunyan et al., Measurements of production cross sections of polarized same-sign W boson pairs in association with two jets in proton-proton collisions at  $\sqrt{s} = 13$  TeV, Phys. Lett. B812 (2021) 136018, doi:10.1016/j.physletb.2020.136018, arXiv:2009.09429 [hep-ex]
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- A.M. Sirunyan et al., Search for top squark pair production using dilepton final states in pp collision data collected at  $\sqrt{s} = 13 TeV$ , Eur. Phys. J. C81 (2021) 3, doi:10.1140/epjc/s10052-020-08701-5, arXiv:2008.05936 [hep-ex]
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- A.M. Sirunyan et al., Search for direct pair production of supersymmetric partners to the  $\tau$  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]
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- O. Gutsche et al., Striped Data Analysis Framework, EPJ Web Conf. 245 (2020) 06042, doi:10.1051/epjconf/202024506042
- V. Khachatryan et al., The very forward CASTOR calorimeter of the CMS experiment, (2020). http://arxiv.org/abs/2011.01185, arXiv:2011.01185 [physics.ins-det]
- 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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February 1, 2021 1 of 57

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February 1, 2021 2 of 57

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February 1, 2021 3 of 57

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February 1, 2021 4 of 57

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February 1, 2021 56 of 57

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February 1, 2021 57 of 57