## Publication List

## Oliver Gutsche

## September 7, 2018

- L. Bauerdick et al., HEP Software Foundation Community White Paper Working Group Data Analysis and Interpretation, (2018), arXiv:1804.03983 [physics.comp-ph]
- A.M. Sirunyan et al., Observation of proton-tagged, central (semi)exclusive production of high-mass lepton pairs in pp collisions at 13 TeV with the CMS-TOTEM precision proton spectrometer, *JHEP*. 07 (2018) 153, doi:10.1007/JHEP07(2018)153, arXiv:1803.04496 [hep-ex]
- A.M. Sirunyan et al., Search for massive resonances decaying into WW, WZ, ZZ, qW, and qZ with dijet final states at  $\sqrt{s} = 13 TeV$ , Phys. Rev. D97 (2018) 072006, doi:10.1103/PhysRevD.97.072006, arXiv:1708.05379 [hep-ex]
- A.M. Sirunyan et al., Measurement of the Splitting Function in pp and Pb-Pb Collisions at  $\sqrt{s_{_{NN}}} = 5.02$  TeV, Phys. Rev. Lett. 120 (2018) 142302, doi:10.1103/PhysRevLett.120.142302, arXiv:1708.09429 [nucl-ex]
- A.M. Sirunyan et al., Search for Physics Beyond the Standard Model in Events with High-Momentum Higgs Bosons and Missing Transverse Momentum in Proton-Proton Collisions at 13 TeV, Phys. Rev. Lett. 120 (2018) 241801, doi:10.1103/PhysRevLett.120.241801, arXiv:1712.08501 [hep-ex]
- A.M. Sirunyan et al., Inclusive search for a highly boosted Higgs boson decaying to a bottom quark-antiquark pair, Phys. Rev. Lett. 120 (2018) 071802, doi:10.1103/PhysRevLett.120.071802, arXiv:1709.05543 [hep-ex]
- A.M. Sirunyan et al., Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at  $\sqrt{s} = 8$  TeV, JHEP. 03 (2018) 167, doi:10.1007/JHEP03(2018)167, arXiv:1707.03325 [hep-ex]
- A.M. Sirunyan et al., Search for R-parity violating supersymmetry in pp collisions at  $\sqrt{s} = 13$  TeV using b jets in a final state with a single lepton, many jets, and high sum of large-radius jet masses,  $Phys.\ Lett.\ B783\ (2018)\ 114-139,\ doi:10.1016/j.physletb.2018.06.028,\ arXiv:1712.08920\ [hep-ex]$
- A.M. Sirunyan et al., Measurement of angular parameters from the decay  $B^0 \to K^{*0}\mu^+\mu^-$  in proton-proton collisions at  $\sqrt{s} = 8$  TeV, Phys. Lett. B781 (2018) 517–541, doi:10.1016/j.physletb.2018.04.030, arXiv:1710.02846 [hep-ex]
- A.M. Sirunyan et al., Search for Higgs boson pair production in events with two bottom quarks and two tau leptons in proton–proton collisions at  $\sqrt{s}$  =13TeV, *Phys. Lett.* B778 (2018) 101–127, doi:10.1016/j.physletb.2018.01.001, arXiv:1707.02909 [hep-ex]
- A.M. Sirunyan et al., Search for supersymmetry with Higgs boson to diphoton decays using the razor variables at  $\sqrt{s} = 13$  TeV, *Phys. Lett.* B779 (2018) 166–190, doi:10.1016/j.physletb.2017.12.069, arXiv:1709.00384 [hep-ex]
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September 7, 2018 1 of 45

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- A.M. Sirunyan et al., Bose-Einstein correlations in pp, pPb, and PbPb collisions at  $\sqrt{s_{NN}} = 0.9 7$  TeV, Phys. Rev. C97 (2018) 064912, doi:10.1103/PhysRevC.97.064912, arXiv:1712.07198 [hep-ex]
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September 7, 2018 2 of 45

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September 7, 2018 3 of 45

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September 7, 2018 4 of 45

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September 7, 2018 5 of 45

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September 7, 2018 10 of 45

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September 7, 2018 43 of 45

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September 7, 2018 45 of 45