Physics Publications with Major Personal Contributions

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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** $\sqrt{s} = 13TeV$, *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 dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at** $\sqrt{s} = 13$ **TeV**, *JHEP.* 06 (2018) 027, doi:10.1007/JHEP06(2018)027, arXiv:1801.08427 [hep-ex]

V. Khachatryan et al., **Measurements of t t-bar spin correlations and top quark polarization using dilepton final states in pp collisions at sqrt(s) = 8 TeV**, *Phys. Rev. D.* 93 (2016) 052007, doi:10.1103/PhysRevD.93.052007, arXiv:1601.01107 [hep-ex]

V. Khachatryan et al., **Measurements of** $t\bar{t}$ **charge asymmetry using dilepton final states in pp collisions at** $\sqrt{s} = 8$ **TeV**, *Phys. Lett. B.* 760 (2016) 365–386, doi:10.1016/j.physletb.2016.07.006, arXiv:1603.06221 [hep-ex]

S. Chatrchyan et al., **Measurements of** $t\bar{t}$ **Spin Correlations and Top-Quark Polarization Using Dilepton Final States in** pp **Collisions at** $\sqrt{s} = 7$ **TeV**, *Phys. Rev. Lett.* 112 (2014) 182001, doi:10.1103/PhysRevLett.112.182001, arXiv:1311.3924 [hep-ex]

S. Chatrchyan et al., **Measurements of the** $t\bar{t}$ **charge asymmetry using the dilepton decay channel in pp collisions at** $\sqrt{s} = 7$ **TeV**, *JHEP.* 04 (2014) 191, doi:10.1007/JHEP04(2014)191, arXiv:1402.3803 [hep-ex]

S. Chatrchyan et al., **Observation of a New Boson at a Mass of 125 GeV with the CMS Experiment at the LHC**, *Phys. Lett. B.* 716 (2012) 30–61, doi:10.1016/j.physletb.2012.08.021, arXiv:1207.7235 [hep-ex]

- Full List of Physics Publications with Major Personal Contributions can be found here.
- 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.