

Physics Publications with Major Contributions

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**, (2018), 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 Publications from all Collaborations and Experiments can be found here.