

Analysis papers, notes

Mono-s(WW) Semileptonic

- [glance \(ANA-EXOT-2020-04\)](#)
- [UVic-TRIUMF ATLAS group meeting on 9 Apr 2020](#) mono-s(WW) Semileptonic Analysis (Danika)
- [support note \(ATL-COM-PHYS-2021-118\)](#) Search for Dark Matter Produced in Association with a Hypothetical Scalar Boson Decaying to $W+W^-$ in the qq final state at $s\sqrt{=13}$ TeV using 139 fb⁻¹ of pp collisions recorded with the ATLAS Detector

Mono-s(VV) Hadronic

- [Support note \(ATL-COM-PHYS-2019-878\)](#)
- [JDM approval on 8 May 2020](#)
- [PAM on 21 July 2020](#)
- [arXiv:2010.06548 \(hep-ex\)](#) Search for dark matter produced in association with a dark Higgs boson decaying into $W\pm W$ or ZZ in fully hadronic final states from $s\sqrt{=13}$ TeV pp collisions recorded with the ATLAS detector

Nono-s(bb)

- [PUB note \(ATL-PHYS-PUB-2019-032\)](#) RECAST framework reinterpretation of an ATLAS Dark Matter Search constraining a model of a dark Higgs boson decaying to two b-quarks.
- [Plots](#)

Diboson

- [arXiv:2004.14636 \(hep-ex\)](#) Search for heavy diboson resonances in semileptonic final states in pp collisions at $s\sqrt{=13}$ TeV with the ATLAS detector
- [Plots](#)
- [Support note \(ATL-COM-PHYS-2018-1549\)](#) Search for heavy WW/WZ/ZZ resonances in semi-leptonic final states in pp collisions at $s\sqrt{=13}$ TeV with the ATLAS detector

Theory papers

- [arXiv:1701.08780 \(hep-ph\)](#) Hunting the dark Higgs
- [arXiv:hep-ph/0603011](#) Analytical solution of $t\bar{t}b\bar{b}$ dilepton equations
- [arXiv:1305.1878 \(hep-ph\)](#) Analytic solutions for neutrino momenta in decay of top quarks
- [arXiv:2008.04174 \(hep-ex\)](#) Measurements of the W boson rapidity, helicity, double-differential cross sections, and charge asymmetry in pp collisions at $s\sqrt{=13}$ TeV (CMS Collaboration)

-- KenjiHamano - 2020-04-28

This topic: Main > KHMonoSNote

Topic revision: r13 - 2021-05-15 - KenjiHamano



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