

Papers by Sally Dawson

1. **“Higgs Boson Pair Production at Colliders: Status and Perspectives”**
B. Di Micco *et al.*
arXiv:1910.00012 [hep-ph]
FERMILAB-CONF-19-468-E-T, LHCXSWG-2019-005
2. **“QCD Corrections in SMEFT Fits to WZ and WW Production”**
J. Baglio, S. Dawson and S. Homiller.
arXiv:1909.11576 [hep-ph]
YITP-SB-19-28
3. **“Di-Higgs Peaks and Top Valleys: Interference Effects in Higgs Sector Extensions”**
P. Basler, S. Dawson, C. Englert and M. Mhleitner.
arXiv:1909.09987 [hep-ph]
4. **“Electroweak and QCD Corrections to Z and W pole observables in the SMEFT”**
S. Dawson and P. P. Giardino.
arXiv:1909.02000 [hep-ph]
IFT-UAM/CSIC-19-118
5. **“Benchmarking simplified template cross sections in WH production”**
J. Brehmer, S. Dawson, S. Homiller, F. Kling and T. Plehn.
arXiv:1908.06980 [hep-ph]
YITP-SB-19-22
6. **“Standard Model Physics at the HL-LHC and HE-LHC”**
P. Azzi *et al.* [HL-LHC Collaboration and HE-LHC Working Group].
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7. **“Higgs Physics at the HL-LHC and HE-LHC”**
M. Cepeda *et al.* [HL/HE WG2 group].
arXiv:1902.00134 [hep-ph]
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8. **“Electroweak symmetry breaking after the Higgs discovery”**
S. Dawson.
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9. **“Showcasing HH production: Benchmarks for the LHC and HL-LHC”**
P. Basler, S. Dawson, C. Englert and M. Mhleitner.
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10. **“NLO effects in EFT fits to W^+W^- production at the LHC”**
J. Baglio, S. Dawson and I. M. Lewis.
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11. **“Standard model EFT and the Drell-Yan process at high energy”**
S. Dawson, P. P. Giardino and A. Ismail.
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12. **“Standard model EFT corrections to Z boson decays”**
S. Dawson and A. Ismail.
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13. **“Higgs Physics: It ain’t over till it’s over”**
S. Dawson, C. Englert and T. Plehn.
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14. **“Electroweak corrections to Higgs boson decays to $\gamma\gamma$ and W^+W^- in standard model EFT”**
S. Dawson and P. P. Giardino.
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15. **“Higgs decays to ZZ and $Z\gamma$ in the standard model effective field theory: An NLO analysis”**
S. Dawson and P. P. Giardino.
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16. **“Electroweak Symmetry Breaking and Effective Field Theory”**
S. Dawson.
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17. **“Enhanced di-Higgs boson production in the complex Higgs singlet model”**
S. Dawson and M. Sullivan.
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18. **“An NLO QCD effective field theory analysis of W^+W^- production at the LHC including fermionic operators”**
J. Baglio, S. Dawson and I. M. Lewis.
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19. **“Standard Model EFT and Extended Scalar Sectors”**
S. Dawson and C. W. Murphy.
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20. **“Vectorlike fermions and Higgs effective field theory revisited”**
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 22. **“Resummation of jet veto logarithms at N^3LL_a + NNLO for W^+W^- production at the LHC”**
S. Dawson, P. Jaiswal, Y. Li, H. Ramani and M. Zeng.
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 23. **“Singlet Model Interference Effects with High Scale UV Physics”**
S. Dawson and I. M. Lewis.
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 24. **“Progress in Electroweak Symmetry Breaking”**
S. Dawson.
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 25. **“NLO corrections to double Higgs boson production in the Higgs singlet model”**
S. Dawson and I. M. Lewis.
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 26. **“Higgs CP Violation from Vectorlike Quarks”**
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 27. **“What’s in the loop? The anatomy of double Higgs production”**
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30. **“Exploring resonant di-Higgs boson production in the Higgs singlet model”**
C. Y. Chen, S. Dawson and I. M. Lewis.
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31. **“Effective field theory for Higgs boson plus jet production”**
S. Dawson, I. M. Lewis and M. Zeng.
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32. **“Top Partners and Higgs Boson Production”**
C. Y. Chen, S. Dawson and I. M. Lewis.
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34. **“Planning the Future of U.S. Particle Physics (Snowmass 2013): Chapter 3: Energy Frontier”**
R. Brock *et al.*.
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35. **“Electroweak Effective Operators and Higgs Physics”**
C. Y. Chen, S. Dawson and C. Zhang.
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36. **“Working Group Report: Higgs Boson”**
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37. **“Yukawa Corrections to Higgs Production in Top Partner Models”**
S. Dawson and E. Furlan.
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M. Dine, K. Babu, C. Csaki, S. Dawson, L. Dixon, S. Gottlieb, J. Harvey and D. Whiteson.
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42. **“Major High Energy Physics Facilities 2014-2024: Input to the prioritization of proposed scientific user facilities for the Office of Science”**
A. Lankford *et al.* [HEPAP Subcommittee Collaboration].
43. **“Exploring Two Higgs Doublet Models Through Higgs Production”**
C. Y. Chen and S. Dawson.
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44. **“Unravelling an extended quark sector through multiple Higgs production?”**
S. Dawson, E. Furlan and I. Lewis.
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45. **“Resummation Effects in Vector-Boson and Higgs Associated Production”**
S. Dawson, T. Han, W. K. Lai, A. K. Leibovich and I. Lewis.
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49. **“SUSY QCD Corrections to Higgs-b Production : Is the Δ_b Approximation Accurate?”**
S. Dawson, C. B. Jackson and P. Jaiswal.
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