

# Phenomenology 2020 Symposium



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Type: **Parallel Talk**

## Pheno at a distance: A global search for new physics with top quarks

*Tuesday 5 May 2020 14:00 (15 minutes)*

Heavy new physics above LHC energies is best searched for through indirect effects in precise observables. In this talk I discuss our global analysis of top-quark observables in the framework of Standard Model Effective Field Theory. I show how to penetrate untrodden directions in the Wilson coefficient space by exploiting kinematic distributions and by measuring new observables in collected LHC data.

### Summary

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**Session Classification:** Top

**Track Classification:** Top