

# XVth Quark Confinement and the Hadron Spectrum



Contribution ID: 31

Type: Oral

## Synergy between the LHC and the EIC in searches for new physics

We discuss searches for new physics at both the LHC and the EIC within the Standard Model Effective Field Theory (SMEFT) framework. Drell-Yan probes of the SMEFT parameter space suffer from degeneracies due to the limited number of measured observables. The EIC, with the potential to polarize both beams, can resolve these blind spots in the LHC coverage. We quantify the important role that the EIC can play in searches for physics beyond the SM.

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**Session Classification:** QCD and New Physics

**Track Classification:** E: QCD and New Physics