

LHC EFT WG Area 2

Predictions & tools

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Today's meeting & future plans

- **Today:** Review main general-purpose EFT tools, MC generators, analytic NLO results, and ATLAS+CMS experiences on tools & EFT reweighting
- Set up a **twiki page catalog of EFT tools** with general information (bases, operators, processes, flavour & input schemes) and links to code, articles, ...
 - And rely on tools' authors to keep it complete, accurate & up to date
- Organize efforts of **comparing and validating different EFT tools**,
 - Work together with LHC EWK, Higgs & Top WGs to compare predictions on reference observables (e.g. differential distributions, STXS) → publish as WG notes?
- Dedicated meeting(s) on EFT treatment for **unstable particles: top, Higgs**
 - Also in cooperation with Top & Higgs WG