

CMS/ATLAS SMEFT Exercise

Overall goal: try to converge as much as possible on (SM)EFT methodology and techniques, including

- EFT framework: see [this TWiki](#)
- Tools, naming scheme
- ... ?

For that purpose, perform a toy combination using public data to exercise the procedure:

- Define simple Gaussian likelihoods using public covariance matrices (Higgs, EW[, top])
- Recompute EFT parameterizations using MG tools and RIVET routines
- Perform simple combinations
- Exercise EFT-specific features (uncertainties, truncation, ...)
- ... ?

Plans

Plan to make this a “public” effort within the LHC EFT WG, involving theory colleagues and the rest of the community.

Today, CMS/ATLAS informal meeting to kick off the process:

- Review inputs from both experiments
- Discuss plans for the next steps

Practical details: do we want a common public gitlab area ? a mailing list ?