



Contribution ID: 43

Type: **Poster**

## Electroweak input schemes in the SMEFT

*Thursday, 15 December 2022 19:30 (2 hours)*

The electroweak input scheme is a key choice in any phenomenological calculation. The replacement of the Lagrangians bare parameters in favour of differing physical inputs can notably change the results obtained through perturbation theory. In the SM, the effects on the convergence of the perturbative series, are well understood. However, the SMEFT has additional considerations, with differing input schemes introducing different Wilson Coefficients at LO and NLO. This all adds to the complexity of the multi faceted problem of choosing an electroweak input scheme in the SMEFT.

### Type of presentation

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