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Towards a global SMEFT likelihood

Wednesday, 14 September 2022 16:00 (45 minutes)

I will report on recent developments concerning the Python package smelli, which implements a global likelihood function in the space of dimension-six Wilson coefficients in the Standard Model Effective Field Theory and the Weak Effective Theory above and below the electroweak scale, respectively. This likelihood can serve as a basis either for model-independent fits or for testing dynamical models.

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