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Phenomenology of a composite Higgs model: lessons for the lattice.

Thursday, 28 July 2016 14:00 (20 minutes)

We study the phenomenology of a specific model of strongly interacting dynamics beyond the Standard Model, and derive the current bounds on the low-energy constants that describe the large-distance behaviour of the model.

We deduce from these bounds the required accuracy for lattice simulations to have an impact on searches for new physics beyond the Standard Model.

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