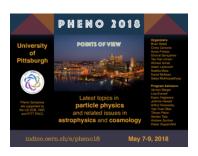
Phenomenology 2018 Symposium



Contribution ID: 578 Type: parallel talk

Towards an Asymptotically Safe Standard Model

Monday 7 May 2018 15:15 (15 minutes)

We construct asymptotically safe extensions of the Standard Model by adding gauged vector-like fermions. Using large number-of-flavour techniques we argue that all gauge couplings, including the hypercharge and, under certain conditions, the Higgs coupling can achieve an interacting ultraviolet fixed point.

Summary

Author: Dr WANG, Zhi-Wei (CP3-Origins and University of Waterloo)

Presenter: Dr WANG, Zhi-Wei (CP3-Origins and University of Waterloo)

Session Classification: Theoretical Developments