## Phenomenology 2017 Symposium



Contribution ID: 326

Type: parallel talk

## **Non-Local QED**

Tuesday 9 May 2017 17:00 (15 minutes)

A Non-Local quantum field theory extension of QED is considered. Gauge invariance is checked to 1-loop order and the gauge coupling running is shown to be UV-Insensitive. In the future, extending this model to incorporate other fields could provide an avenue for remedying the Higgs vacuum instability problem.

## Summary

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Session Classification: Theoretical Developments