

Long-lived particles and portal EFTs

Thursday 23 September 2021 11:15 (20 minutes)

Long-lived particles appear in the Standard Model (SM) and are a common feature of its hidden sector extensions.

The accelerator phenomenology of such models is dominated by the often long-lived messenger fields, as they interact directly with the SM.

Portal effective field theories, extend the usual effective theories of the SM to include generic interactions with messenger fields to arbitrary hidden sectors.

Do you wish to attend the workshop on-site?

yes

Summary

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Session Classification: Parallel Session: Phenomenology

Track Classification: Particle Phenomenology