

# 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

**Primary author:** HAJER, Jan (UCLouvain)

**Presenter:** HAJER, Jan (UCLouvain)

**Session Classification:** Parallel Session: Phenomenology

**Track Classification:** Particle Phenomenology