



# KCETA Colloquium

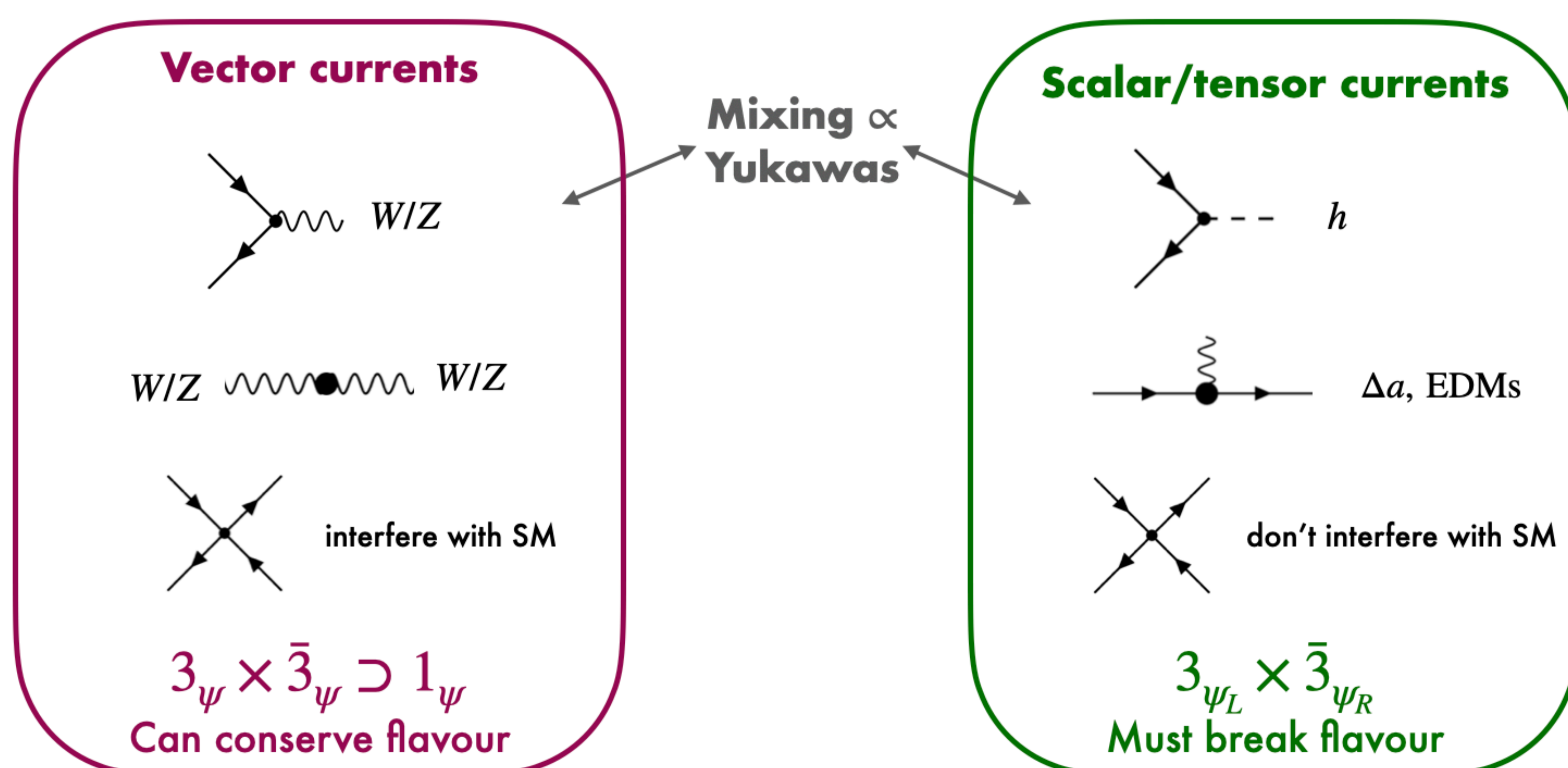
## Flavourful EFT at Colliders

Thursday, April 30, 2026

Kleiner Hörsaal A (CS) 15:45 - 17:00

Dr. Sophie Renner  
(University of Glasgow)

Effective field theory (EFT) is a powerful tool for mapping patterns of experimental effects expected from new physics beyond the Standard Model. Current experimental data provides us with strong clues as to the flavour structure of any TeV-scale new physics, but enough freedom remains to make a global picture difficult to achieve. In this talk, I will discuss how the flavour structure of effective field theories can be organised into patterns of phenomenology, and how measurements at the LHC and future colliders can shed light on flavourful new physics.



Please note:

The colloquium will also be live-streamed to B401 SR410 (CN).

KIT Center Elementary Particle and Astroparticle Physics (KCETA)

[www.kceta.kit.edu](http://www.kceta.kit.edu)