

FLASY 2025 - 11th Workshop on Flavour Symmetries and Consequences in Accelerators and Cosmology



Contribution ID: 67

Type: **not specified**

Flavor Symmetries and Winding Modes

Tuesday, 1 July 2025 10:00 (30 minutes)

Modular flavor symmetries are realized in string theory. These symmetries act on KK and winding modes. We show that winding modes (i) are key for the interpretation of modular flavor symmetries, (ii) are gauge fields responsible for conventional flavor symmetries, (iii) have different subsets become massless at different critical values of the modulus, and (iv) play an interesting role in CP violation.

Presenter: RATZ, Michael (UC Irvine)

Session Classification: Morning session