

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



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## QCD axion and inflation from modular flavor symmetry

*Thursday 3 July 2025 15:30 (20 minutes)*

We study the stabilization of an modulus by Coleman-Weinberg potential generated by coupling with matter fields, which is controlled by modular flavor symmetry. In this model we can not only regard the  $\text{Re } \tau$  direction as the QCD axion but also propose new potential model for inflation using the same potential.

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**Session Classification:** Parallel session I