Contribution ID: **83** Type: **not specified**

Flavor, CP and Metaplectic Modular Symmetries in Type IIB Chiral Flux Vacua

Thursday 6 July 2023 14:15 (15 minutes)

We examine symmetries of chiral four-dimensional vacua of Type IIB flux compactifications with vanishing superpotential W=0. We find that the N=1 supersymmetric MSSM-like and Pati-Salam vacua possess enhanced discrete symmetries in the effective action below the mass scale of stabilized complex structure moduli and dilaton. Furthermore, a generation number of quarks/leptons is small on these vacua where the flavor, CP and metaplectic modular symmetries are described in the framework of eclectic flavor symmetry.
(Reference : 2305.19155 [hep-th])

Presenter: KAI, Takafumi

Session Classification: Parallel