Contribution ID: 52

## Target space duality of non-supersymmetric string theory

Wednesday, 24 November 2021 11:15 (15 minutes)

The target space duality of string theory without spacetime supersymmetry, which is constructed by splitting the Narain lattice by a shift-vector with order 2, is investigated. We show that the duality symmetry of such a model is obtained by imposing a congruence condition on  $O(d_L, d_R, \mathbb{Z})$ , that is, the non-supersymmetric string model is invariant under a congruence subgroup of  $O(d_L, d_R, \mathbb{Z})$ .

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Session Classification: Short talks