

ICTS Seminar

Title : Symmetry Algebras of Stringy Cosets

Speaker : Menika Sharma, City, University of London

Date : Tuesday, January 22, 2019

Time : 2:30 PM

Venue : Emmy Noether Seminar Room, ICTS Campus, Bangalore

Abstract : Higher-spin Vasiliev theories in three dimensions are known to be holographically dual to vector-like coset CFTs. There also exist coset CFTs which are matrix-like and can therefore be expected to have stringy duals. In this talk, I will introduce one such coset CFT and present its symmetry algebra. Conventionally, string theories in three-dimensional AdS bulk are presumed to be dual to symmetric product orbifold CFTs. I will compare the symmetry algebra of the matrix-like coset CFT with that of the free-boson symmetric product orbifold theory.