ID de Contribution: **57**
Type: **Non spécifié**

Type-II Calabi-Yau compactifications, T-duality and special geometry in general spacetime signature

When performing T-duality on a timelike dimension as well as S-duality, one uncovers a web of type-II string theories which extends to all spacetime signatures and realizes all maximal supersymmetry algebras. In this talk, I will present the N=2 D=4 Supergravity theories one obtains after a Calabi-Yau reduction of the exotic theories. I will present the associated Special Geometry of vector and hypermultiplets, the c-maps relating them, as well as the duality web one finds in 4D. Based on "Type-II Calabi-Yau compactifications, T-duality and special geometry in general spacetime signature", 2111.xxxxx.

Type of contribution

Contributed Talk or Poster

Authors: Dr POPE, Giacomo; M. MEDEVIELLE, Maxime (University of Liverpool); Dr MOHAUPT, Thomas

Orateur: M. MEDEVIELLE, Maxime (University of Liverpool)

Classification de Session: Posters

Classification de thématique: Posters