

The Swampland program in String Theory

Wednesday 15 January 2020 15:00 (1 hour)

In this talk I will review the most important Swampland Conjectures and their string theoretical motivation. This includes the Weak Gravity and the Distance Conjectures among others. I will discuss the evidence that we have gathered in the past in support of these conjectures, as well as recent developments based on the asymptotic structure of moduli spaces of string compactifications. I will also comment on the phenomenological implications and the relation between the different conjectures.

Presenter: VALENZUELA, Irene

Session Classification: Plenary