The Dark Dimension

Cumrun Vafa*[1]

[1]Harvard University – United States

Abstract

I review how the Swampland program leads to the prediction of a micron-scale dark dimension, providing a unified description of the dark sector. I explain how neutrinos, axions and GUTs naturally fit within this framework. I also show how the recent DESI and DES data were anticipated and can be naturally explained in this framework.

*Speaker