

The XXIX International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2022)



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The Dark Dimension and the Swampland

Monday 27 June 2022 11:00 (30 minutes)

We explain how the Swampland criteria combined with observational data and in particular a small dark energy, leads to the prediction of a single mesoscopic dimension of length in the micron range. We also explain how this can lead to a unification of cosmological and electroweak hierarchies.

Presenter: VAFA, Cumrun (Harvard University)

Session Classification: Plenary