

Landscape, swampland and extra dimensions

Friday 8 September 2023 09:00 (1 hour)

I will argue on the possibility that the smallness of some physical parameters signals a universe at a large distance corner in the string landscape of vacua. Such parameters can be the scales of dark energy and supersymmetry breaking, which should then be tied to a large 'dark' dimension at the micron scale. I will discuss the theoretical framework and some of its main physical implications.

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