

Low Energy Trends from Zeroth Order Properties of the Landscape

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I will discuss certain long-standing features of the string landscape: the ubiquity of scalar and pseudoscalar fields, and the statistical bias towards a large SUSY breaking scale. In particular, scalars present the possibility of an early matter dominated era with important implications for dark matter, while the statistical draw towards large F-terms may be relevant for low-energy phenomenology. These features have become more relevant today given that neither the thermal WIMP nor superpartners have materialized so far.

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