

## Charting the landscape of non-supersymmetric strings

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The landscape of non-supersymmetric string theories remains largely uncharted. Standard techniques from flux compactifications are lost, forcing us to fall back on the full string equations of motion. Despite this, non-supersymmetric strings are the simplest arena in which we can capture the effects of the absence of supersymmetry from complete UV descriptions. In this talk, I will discuss Freund-Rubin solutions of these models, based on R-R, NS-NS, and gauge fluxes, and examine why it is challenging to find more complex vacua with the available technology. I will show that the fake supersymmetry formalism could offer a way forward.

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**Classification de Session:** :