Perturbative Moduli Stabilisation, Inflation and Hagedorn Phase

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Abstract

In this talk, I will first discuss moduli stabilisation using solely perturbative corrections in $\alpha' and g_s and two inflationary scenarios: Brane-Antibrane Inflation and Fibre Inflation. I will then talk about astri$ $antibrane inflation. This talk are mostly based on arxiv: 2410.00097 and arxiv: 2511.19610.$

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