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Recent progress on inflation and dark energy from string theory

Friday 21 June 2024 10:50 (40 minutes)

I will discuss recent progress in constructing models of inflation and dark energy from string theory which are theoretically robust, can fit current data and can lead to observable predictions. I will mention 3 possibilities for the inflaton field: a Kaehler modulus, an axion and a brane modulus. I will also argue that axions are the best candidates to drive dark energy.

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