

# BSM<sup>2</sup> - Beyond the Standard Model BrainStorming Meeting: Particle Physics and Cosmology interface



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## The de Sitter Swampland Conjectures test of some interesting inflationary models

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We use the de Sitter Swampland Conjectures to test some inflationary models compatible with CMB data. We find that warm inflationary models, with one or more scalar fields, and the Claplygin-inspired models for some class of potentials satisfy the de Sitter Swampland Conjectures, Inflationary models in the context of theories of gravity that couple nonminimally curvature and matter are shown to be incompatible with the de Sitter Swampland Conjectures.

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