



Contribution ID: 375

Type: **not specified**

## Supergravity Inflation in braneworld

*Tuesday 24 August 2021 16:40 (20 minutes)*

We discuss supergravity inflation in braneworld cosmology for the class of potentials  $V(\phi) = \alpha\phi^n \exp(-\beta^m \phi^m)$  with  $m = 1, 2$ . These minimal SUGRA models evade the  $\eta$  problem due to a broken shift symmetry and can easily accommodate the observational constraints. In the high energy regime  $V/\lambda \gg 1$ , the numerical predictions and approximate analytic formulas are given for the scalar spectral index  $n_s$  and tensor-to-scalar ratio  $r$ . The models with smaller  $n$  are preferred while the models with larger  $n$  are out of the  $2\sigma$  region. Remarkably, the  $\rho^2/\lambda$  correction to the energy density in Friedmann equation results in sub-Planckian inflaton excursions  $\Delta\phi < 1$ .

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**Session Classification:** Early Universe Cosmology

**Track Classification:** Early Universe Cosmology