

# Composite Hybrid Inflation : Dilaton and Waterfall Pions

*mercredi 25 octobre 2023 14:44 (20 minutes)*

We investigate the possibility that inflation originates from a composite field theory, in terms of an effective chiral Lagrangian involving a dilaton and pions. It is possible to find a successful hybrid inflation occurring via the dilaton as the inflaton and the pions as waterfall fields. Compositeness consistency strongly constrain the model such as the composite scale and the inflation scale are fully calculable.

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**Classification de Session:** Beyond the Standard Model

**Classification de thématique:** BSM