



Contribution ID: 28

Type: **not specified**

Inflation in supergravity from massive vector multiplets

Friday, 5 December 2014 18:00 (30 minutes)

In a supergravity framework we present single field inflationary models built from massive vector multiplets. This property is due to an underlying stueckelberg mechanism where the second scalar partner of the inflaton is eaten by the massive vector. This mechanism can be used to build Starobinsky as well as chaotic models of inflation.

Primary author: FARAKOS, Fotis

Presenter: FARAKOS, Fotis

Session Classification: Parallel 8: Early universe Physics (Inflation, Lepto(Baryo)genesis)