



ID de Contribution: 138

Type: **Ordinary**

One extra complex singlet = stability+DM+Inflaton

jeudi 20 mars 2014 18:15 (15 minutes)

I show that the most minimal completion of the Standard Model with stable vacuum is obtained by extending it with one complex singlet scalar. The model contains a stable Dark Matter candidate due to CP conservation without imposing additional discrete symmetries, and may accommodate inflation at the same time.

Auteur principal: Dr KANNIKE, Kristjan (NICPB, Estonia)

Orateur: Dr KANNIKE, Kristjan (NICPB, Estonia)

Classification de Session: Physics of the Scalar Boson

Classification de thématique: Theory